R O M Â N I A
MINISTERUL EDUCAŢIEI ŞI CERCETĂRII
UNIVERSITATEA DIN ORADEA
FACULTATEA DE INFORMATICĂ ŞI ŞTIINŢE

01001001 01010011

UNIVERSITATEA DIN ORADEA

Anexa nr. 3
la Metodologia proprie privind organizarea şi desfăşurarea examenului de promovare în cariera didactică în Universitatea din Oradea

FIŞA DE VERIFICARE

A ÎNDEPLINIRII CERINŢELOR ŞI STANDARDELOR MINIMALE

pentru înscrierea la examenul de promovare în cariera didactică

Domeniul MATEMATICĂ

I DATE DESPRE CANDIDAT

NUMELE_____**CĂTAŞ**_____PRENUMELE_____**ADRIANA**_____

Postul pentru care se înscrie la examen ____**Conferenţiar**__ Disciplinele ___ **Capitole de mecanică şi astronomie I, Algebră liniară, geometrie analitică şi diferenţială, Analiză matematică şi algebră, Matematică,** ___ Poziţia în Statul de funcţii ___**14**_____ **Departamentul de Matematică şi Informatică**, **Facultatea de Informatică şi Ştiinţe**

Gradul didactic actual ____**Lector**___ Poziţia ____**21**_____ în Statul de funcţii_____**2025-2026**____
Disciplinele:
Matematică I (algebră şi geometrie) – CHIM – an I, sem. I;
Matematică II (analiză matematică) - CHIM, an I, sem. II;
Redactare şi comunicare ştiinţifică şi profesională (opţ.) – MATE – an III, sem.I;
Matematici speciale – TI – an I, sem. II;
Matematici speciale – C – an I, sem. II;
Algebră liniară, geometrie analitică şi diferenţială – MTC – an I, sem. I;
Analiză matematică – CCIA – an I, sem. I;
Analiză matematică – CSAAC – an I, sem. I;
Didactica domeniului şi dezvoltări în didactica specialităţii (învăţământ liceal, postliceal, universitar) – SDI – an I, sem. I**;**
Matematici speciale – MTC – an I, sem. II;
Analiză matematică – EM – an I, sem. I;
Analiză matematică – IEDE – an I, sem. I;
Analiză matematică – MTC – an I, sem. I.

Departamentul de Matematică şi Informatică, **Facultatea de Informatică şi Ştiinţe**

II DATE PRIVIND ÎNDEPLINIREA CONDIȚIILOR DE ÎNSCRIERE

1. *Studii universitare de licență și masterat*

Nr. crt.	Instituția de învățământ superior	Domeniul	Perioada	Titlul acordat
1	Universitatea din Oradea Facultatea de Litere și Științe	Matematică-Fizică	1990-1995	Licențiat în matematică și Fizică
2	Universitatea din Oradea Facultatea de Științe	Matematică	1995-1996	Studii aprofundate

2. *Studii universitare de doctorat*

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
1	Universitatea Babeș-Bolyai, Cluj-Napoca	Matematică	2000-2006	Doctor în matematică

3. *Studii și burse postdoctorale*

Nr. crt.	Instituția organizatoare	Domeniul	Perioada	Obs.

4. *Grade didactice/profesionale*

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/funcția didactică/ gradul profesional
1	Universitatea din Oradea, Facultatea de Științe	Matematică	1999-2002	Preparator universitar
2	Universitatea din Oradea, Facultatea de Științe	Matematică	2002-2005	Asistent universitar
3	Universitatea din Oradea, Facultatea de Informatică și Științe	Matematică	2005-prezent	Lector universitar

III DATE PRIVIND ÎNDEPLINIREA CERINȚELOR ȘI STANDARDELOR

2. Conferențiar universitar

a) deținerea titlului/diplomei de doctor;

b) vechime minimă de 6 ani în calitate de cadru didactic titular în învățământul superior în cadrul UO;

c) a avut calificativul „foarte bine" în ultimii 3 ani, îndeplinind, în fiecare din ultimii 3 ani, următoarele condiții:
 - coeficientul de evaluare a performanțelor profesionale individuale: $K_A \geq 1,5$;
 - coeficientul de evaluare a cadrelor didactice din partea studenților: $K_S \geq 0,8$;
 - coeficientul de performanță privind activitatea în departament/facultate/universitate: $K_C = 1$.

Cei 3 coeficienți sunt definiți și se calculează anual conform *Procedurii operaționale privind evaluarea activității profesionale a cadrelor didactice și evaluarea disciplinelor de studiu*.

d) să nu aibă o sancțiune disciplinară neradiată în condițiile legii;

e) îndeplinirea standardelor minimale naționale pentru ocuparea funcției de conferențiar universitar, standarde aprobate potrivit art. 156 din Legea învățământului superior nr. 199/2023, cu modificările și completările ulterioare:

Standard CNATDCU	Punctaj obținut de candidat
$S \geq 2,5$	$S_{candidat} =$ **16.639**
$S_{rec} \geq 1,5$	$S_{rec\ candidat} =$ **12.043**
$C \geq 6$	$C_{candidat} =$ **277**

f) alte standarde suplimentare, specifice fiecărei facultăți/departament, prevăzute în procedura proprie a facultății, aprobate de senatul universitar al UO:
 - a publicat, ca autor sau co-autor, cel puțin o carte cu caracter științific în domeniul disciplinelor postului tipărită sau în format electronic postată pe platforma e-learning a UO
 - are, cumulativ, cel puțin cel puțin 3 lucrări de tipul:
  - lucrări (articole, studii) scrise în colaborare cu studenți/doctoranzi
  - lucrări coordonate de finalizare a studiilor de licență/master

Valoarea coeficienților de evaluare a performanțelor personale, de evaluare din partea studenților și de performanță privind activitatea în departament/ facultate/ universitate K_A, K_S, K_C calculați în ultimii 3 ani universitari

Standard minimal	An univ. 2022/2023	An univ. 2023/2024	An univ. 2024/2025
$K_A \geq 1,5$	10.29	15.8	3.09
$K_S \geq 0,8$	0.912	0.958	0.88
$K_C = 1$	1	1	1
	Îndeplinit	Îndeplinit	Îndeplinit

Articole de specialitate în domeniul disciplinelor postului în reviste cotate ISI[1] cu SRI[2] ≥ 0,5 (a se vedea Tabelul 1)

Numărul publicaţiei	Referinţa bibliografică	Publicat în ultimii 7 ani?	SRI	Număr Autori n_i	Calcul detaliat (SRI/n_i)
1	Wanas, AK (Wanas, Abbas Kareem); El-Ityan, M (El-Ityan, Mohammad); Tayyah, AS (Tayyah, Adel Salim); **Adriana Cătaş** "*Certain Subclasses of Bi-Univalent Functions Involving Caputo Fractional Derivatives with Bounded Boundary Rotation*", MATHEMATICS, Volume 13 Issue 21, DOI 10.3390/math13213563	Da	0.860 (iunie 2024)	4	0.215
2	A.K. Wanas; Q.A. Shakir, QA, **Adriana Cătaş**, "*Coefficient Estimates and Symmetry Analysis for Certain Families of Bi-Univalent Functions Defined by the q-Bernoulli Polynomial*", Sep 13 2025, SYMMETRY-BASEL, 17(9) https://doi.org/10.3390/ sym17091532	Da	0.750 (iunie 2025)	3	0.250
3	Hawsar A. Hamarashid, Mudhafar F. Hama, Pishtiwan Othman Sabir, Sheza M. El-Deeb, Adriana **Cătaş,** "*Solutions of nonlinear integro-differential equations of fractional order defined using fractional boundary conditions*", Journal of Inequalities and Applications, Volume 2025, article number 88, (2025) doi.org/10.1186/s13660-024-03235-w	Da	0.863 (iunie 2025)	5	0.172
4	P. Sharma; S. Sivasubramania; **Adriana Cătaş**; S.M. El-Deeb, "*Initial Coefficient Bounds for Bi-Close-to-Convex and Bi-Quasi-Convex Functions with Bounded Boundary Rotation Associated with q-Sălăgean Operator*", Jul 11 2025, MATHEMATICS, 13(14) DOI 10.3390/math13142252	Da	0.860 (iunie 2024)	4	0.215
5	Wanas, AK (Wanas, Abbas Kareem); Srivastava, HM (Srivastava, H. M.); **Adriana Cătaş**; El-Deeb, SM (El-Deeb, Sheza M.), "*Bi-univalent functions connected to Bazilevic and λ-Pseudo functions and their Lucas-Balancing polynomial applications*", AIMS Mathematics, Volume 10, Issue 11, (2025): 25193-25205. doi: 10.3934/math.20251115, ISSN 2473-6988.	Da	0.743 (iunie 2025)	4	0.185
6	K.M. Alsager; G. Murugusundaramoorthy; **Adriana Cătaş**; S.M. El-Deeb, "*Applications of Caputo-Type Fractional Derivatives for Subclasses of Bi-Univalent Functions with Bounded Boundary Rotation*", Fractal Fract. 2024, 8, 501. DOI 10.3390/fractalfract8090501	Da	1.151 (iunie 2025)	4	0.287
7	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**, Darwish, H., "*On the Fekete–Szegö Problem for Certain Classes of (γ,δ)-Starlike and (γ,δ)-Convex Functions Related to Quasi-Subordinations*", Symmetry 2024, 16, 1043. DOI 10.3390/sym16081043	Da	0.750 (iunie 2025)	4	0.187
8	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**; Darwish, H. "*Convolution Properties of Meromorphic P-Valent Functions with Coefficients of Alternating Type Defined*	Da	0.860	4	0.215

	Using q-Difference Operator". Mathematics 2024, 12(13), 2104. https://doi.org/ 10.3390/math12132104		(iunie 2024)		
9	Al-Shbeil, I.; Wanas, A.K.; AlAqad, H.; **Adriana Cătaş**; Alohali, H. "*Applications of Horadam Polynomials for Bazilevĭc and λ-Pseudo-Starlike Bi-Univalent Functions Associated with Sakaguchi Type Functions*". Symmetry 2024, 16(2), 218. https:// doi.org/10.3390/sym16020218	Da	0.750 (iunie 2025)	5	0.150
10	Al-Shbeil, Isra, Shahid Khan, Fairouz Tchier, Ferdous M. O. Tawfiq, Amani Shatarah, and **Adriana Cătaş**. 2023. "*Sharp Estimates Involving a Generalized Symmetric Sălăgean q-Differential Operator for Harmonic Functions via Quantum Calculus*" Symmetry-BASEL 15, no. 12: 2156. https://doi.org/10.3390/sym15122156	Da	0.750 (iunie 2025)	6	0.125
11	Saeed, Tareq, **Adriana Cătaş**, Muhammad Bilal Khan, and Ahmed Mohammed Alshehri. 2023. "*Some New Fractional Inequalities for Coordinated Convexity over Convex Set Pertaining to Fuzzy-Number-Valued Settings Governed by Fractional Integrals*" Fractal and Fractional 7, no. 12: 856. https://doi.org/10.3390/fractalfract7120856	Da	1.151 (iunie 2025)	4	0.287
12	El-Deeb, Sheza M., and **Adriana Cătaş**, 2023. "*An Application for Bi-Concave Functions Associated with q-Convolution*" Mathematics 11, no. 22: 4680. https://doi.org/10.3390/math11224680	Da	0.860 (iunie 2024)	2	0.430
13	Taj, Yusra, Sarfraz Nawaz Malik, **Adriana Cătaş**, Jong-Suk Ro, Fairouz Tchier, and Ferdous M. O. Tawfiq. 2023. "*On Coefficient Inequalities of Starlike Functions Related to the q-Analog of Cosine Functions Defined by the Fractional q-Differential Operator*" Fractal and Fractional 7, no. 11: 782. https://doi.org/10.3390/fractalfract7110782	Da	1.151 (iunie 2025)	6	0.191
14	Sanni KM, Asghar S, Al-Shbeil I and **Adriana Cătaş** (2023) Radiative simulation of non-Newtonian MHD fluid over a boundary-driven multi-physical curved mechanism: Keller–Box evidence. Front. Phys. 11:1126003. doi: 10.3389/fphy.2023.1126003 (Frontiers in Physics) ISSN 2296-424X	Da	1.901 (iunie 2021)	4	0.475
15	**Adriana Cătaş**, Emilia-Rodica Borşa, and Sheza M. El-Deeb. 2023. "*Subclasses of p-Valent Functions Associated with Linear q-Differential Borel Operator*" Mathematics 11, no. 7: 1742. https://doi.org/10.3390/math11071742	Da	0.860 (iunie 2024)	3	0.286
16	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Da	1.151 (iunie 2025)	4	0.287
17	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*"**,** Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Da	1.151 (iunie 2025)	2	0.575

18	Azzam, Abdel Fatah, Shujaat Ali Shah, **Adriana Cătaș**, and Luminița-Ioana Cotîrlă. 2023. "*On Fuzzy Spiral-like Functions Associated with the Family of Linear Operators*" Fractal and Fractional 7, no. 2: 145. https://doi.org/10.3390/fractalfract7020145	Da	1.151 (iunie 2025)	4	0.287
19	Khan, Muhammad Bilal, **Adriana Cătaș**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some Certain Fuzzy Fractional Inequalities for Up and Down h-Pre-Invex via Fuzzy-Number Valued Mappings*" Fractal and Fractional 7, no. 2: 171. https://doi.org/10.3390/fractalfract7020171	Da	1.151 (iunie 2025)	4	0.287
20	Shah, SA (Shah, Shujaat Ali); Ali, EE (Ali, Ekram Elsayed); **Adriana Cătaș**; Albalahi, AM (Albalahi, Abeer M.), "*On fuzzy differential subordination associated with q-difference operator*", AIMS Mathematics, 2023, Volume 8, Issue 3: 6642-6650. doi: 10.3934/math.2023336, ISSN 2473-6988	Da	0.743 (iunie 2025)	4	0.185
21	Al-Shbeil, I (Al-Shbeil, Isra); **Adriana Cătaș**; Srivastava, HM (Srivastava, Hari Mohan) ; Aloraini, N (Aloraini, Najla), "*Coefficient Estimates of New Families of Analytic Functions Associated with q-Hermite Polynomials*", Axioms 2023, 12(1), 52; ISSN 2075-1680 https://doi.org/10.3390/axioms12010052	Da	0.602 (iunie 2022)	4	0.150
22	Isra Al-Shbeil, Abbas Kareem Wanas, Abdelkader Benali, **Adriana Cătaș**, "*Coefficient Bounds for a Certain Family of Biunivalent Functions Defined by Gegenbauer Polynomials*", Journal of Mathematics, Volume 2022, Article ID 6946424, 7 pages, Hindawi DOI 10.1155/2022/6946424, ISSN 2314-4629	Da	0.558 (iunie 2025)	4	0,139
23	El-Deeb, Sheza M., **Adriana Cătaș**, "*Some Inequalities for Certain p-Valent Functions Connected with the Combination Binomial Series and Confluent Hypergeometric Function*", Axioms, Volume 11, Issue 11, Article Number 631, DOI 10.3390/axioms11110631, Published NOV 2022, Indexed 2022-11-24, eISSN: 2075-1680	Da	0.602 (iunie 2022)	2	0.301
24	Madasi, JD (Madasi, Joseph David); Al-Shbeil, I (Al-Shbeil, Isra); **Adriana Cătaș**; Aloraini, N (Aloraini, Najla); Gulistan, M (Gulistan, Muhammad); Azhar, M (Azhar, Muhammad), "*A Neutrosophic Cubic Hesitant Fuzzy Decision Support System, Application in the Diagnosis and Grading of Prostate Cancer*", Fractal and Fractional, Volume 6, Issue 11, Article Number 648, DOI 10.3390/fractalfract6110648, Published NOV 2022, Indexed 2022-11-25, eISSN: 2504-3110	Da	1.151 (iunie 2025)	6	0.191
25	Shujaat Ali Shah, Luminita Ioana Cotirla, **Adriana Cătaș**, Calin Dubau, Gabriel Cheregi, "*A Study of Spiral-Like Harmonic Functions Associated with Quantum Calculus*", Journal of Function Spaces, Volume 2022, Article Number 5495011. DOI 10.1155/2022/5495011, ISSN 2314-8896	DA	0.687 (iunie 2024)	5	0.137
26	Al-Shbeil, I (Al-Shbeil, Isra); Wanas, AK (Wanas, Abbas Kareem); Saliu, A (Saliu, Afis); **Adriana Cătaș**, "*Applications of Beta Negative Binomial Distribution and Laguerre Polynomials on Ozaki Bi-Close-to-Convex Functions*", Axioms, Volume 11, Issue 9, Article Number 451, DOI 10.3390/axioms11090451, Published SEP 2022,	Da	0.602 (iunie 2022)	4	0.150

	Indexed 2022-10-02, Web of Science Categories: Mathematics, Applied, eISSN: 2075-1680				
27	Afis Saliu, Kanwal Jabeen, Isra Al-shbeil, Semiu Oladipupo Oladejo, **Adriana Cătaş**, "*Radius and Differential Subordination Results for Starlikeness Associated with Limacon Class*", Journal of Function Spaces, Volume 2022, Article Number 8264693. DOI 10.1155/2022/8264693, ISSN 2314-8896	Da	0.687 (iunie 2024)	5	0.137
28	Khan, MB (Khan, Muhammad Bilal); **Adriana Cătaş**; Alsalami, OM (Alsalami, Omar Mutab), "*Some New Estimates on Coordinates of Generalized Convex Interval-Valued Functions*", Fractal and Fractional, Volume 6, Issue 8, Article Number 415, Published AUG 2022, Indexed 2022-09-04, eISSN: 2504-3110, Web of Science Categories Mathematics, Interdisciplinary Applications. DOI 10.3390/fractalfract6080415	Da	1.151 (iunie 2024)	3	0.383
29	Al-Shbeil, I (Al-Shbeil, Isra); Saliu, A (Saliu, Afis); **Adriana Cătaş**; Malik, SN (Malik, Sarfraz Nawaz); Oladejo, SO (Oladejo, Semiu Oladipupo), "*Some Geometrical Results Associated with Secant Hyperbolic Functions*", Mathematics, Volume 10, Issue 15, Article Number 2697, DOI 10.3390/math10152697, Published AUG 2022, Indexed 2022-08-22, eISSN: 2227-7390, Web of Science Categories Mathematics.	Da	0.860 (iunie 2024)	5	0.172
30	Al-Shbeil, I (Al-Shbeil, Isra); Saliu, A (Saliu, Afis); Wanas, AK (Wanas, Abbas Kareem); **Adriana Cătaş**, "*On Certain Generalizations of Rational and Irrational Equivariant Functions*", Mathematics, Volume 10, Issue 13, Article Number 2247, DOI 10.3390/math10132247, Published JUL 2022, Indexed 2022-07-21, eISSN: 2227-7390, Web of Science Categories Mathematics	Da	0.860 (iunie 2024)	5	0.172
31	Khan, MB (Khan, Muhammad Bilal); **Adriana Cătaş**; Saeed, T (Saeed, Tareq), "*Generalized Fractional Integral Inequalities for p-Convex Fuzzy Interval-Valued Mappings*", Fractal and Fractional, Volume 6, Issue 6, Article Number 324, Published JUN 2022, Indexed 2022-07-03, eISSN: 2504-3110, Web of Science Categories Mathematics, Interdisciplinary Applications. DOI 10.3390/fractalfract6060324	Da	1.151 (iunie 2025)	3	0.383
32	Al-Shbeil, I (Al-Shbeil, Isra); Shaba, TG (Shaba, Timilehin Gideon); **Adriana Cătaş**, "*Second Hankel Determinant for the Subclass of Bi-Univalent Functions Using q-Chebyshev Polynomial and Hohlov Operator*", Fractal and Fractional, Volume 6, Issue 4, Article Number 186, DOI 10.3390/fractalfract6040186, Published APR 2022, Indexed 2022-04-29, eISSN: 2504-3110, Web of Science Categories: Mathematics, Interdisciplinary Applications.	Da	1.151 (iunie 2025)	3	0.383
33	Alb Lupaş, **Adriana Cătaş**, "*Properties of a Subclass of Analytic Functions Defined by Using an Atangana-Baleanu Fractional Integral Operator*", Symmetry-Basel, Volume 14 Issue 4, Article Number 649, DOI 10.3390/sym14040649, Published APR 2022, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences.	Da	0.750 (iunie 2025)	2	0.375

34	Oluwayemi, MO; Davids, EO and **Adriana Cătaş**, "*On Geometric Properties of a Certain Analytic Function with Negative Coefficients*", Mar 2022, Fractal and Fractional 6 (3), DOI 10.3390/fractalfract6030172, Published MAR 2022, Indexed 2022-04-13, eISSN: 2504-3110, Web of Science Categories Mathematics, Interdisciplinary Applications.	Da	1.151 (iunie 2025)	3	0.383
35	Alb Lupaș, A.; **Adriana Cătaş**, "*Applications of the Atangana-Baleanu Fractional Integral Operator*", Symmetry-Basel, Volume 14, Issue 3, Article Number 630, DOI 10.3390/sym14030630, Published MAR 2022, Indexed 2022-04-05, eISSN: 2073-8994, Web of Science Categories: Multidisciplinary Sciences.	Da	0.750 (iunie 2025)	2	0.375
36	Matthew Olanrewaju Oluwayemi, Alina Alb Lupas, **Adriana Cătaş**, "*Results on a class of analytic functions with finitely many fixed coefficients related to a generalised multiplier transformation*", Scientific African, ISSN: 2468-2276, Volume 15, March 2022. DOI 10.1016/j.sciaf. 2022.e01115, WOS:000782638500011, ISSN: 2468-2276	Da	0.966 (iunie 2025)	3	0.322
37	D. Breaz, **Adriana Cătaş**. L.I. Cotîrlă, "*On the Upper Bound of the Third Hankel Determinant for Certain Class of Analytic Functions Related with Exponential Function*", Analele Științifice ale Universității Ovidius Constanța, Seria Matematica, Volum XXX, fascicola 1, DOI 10.2478/auom-2022-0005, WOS:000790872700005, eISSN: 1844-0835, ISSN 1224-1784, 2022.	Da	0.565 (iunie 2025)	3	0.188
38	**Adriana Cătaş**, Alb Lupaș, A.; "*Some Subordination Results for Atangana-Baleanu Fractional Integral Operator Involving Bessel Functions*", Feb 2022 Symmetry-Basel 14 (2), DOI 10.3390/sym14020358, Indexed 2022-03-21, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences.	Da	0.750 (iunie 2025)	2	0.375
39	**Adriana Cătaş**, Emilia Borșa, Loredana Iambor, "*Best Dominants and Subordinants for Certain Sandwich-Type Theorems*", Symmetry 2022, 14(1), 62; https://doi.org/10.3390/sym14010062 (Received: 2 December 2021 / Revised: 13 December 2021 / Accepted: 14 December 2021 / Published: 3 January 2022), eISSN: 2073-8994, Indexed 2022-02-28, Web of Science Categories Multidisciplinary Sciences	Da	0.750 (iunie 2025)	3	0.250
40	Oluwayemi, MO; Vijaya, K and **Adriana Cătaş**. "*Certain Properties of a Class of Functions Defined by Means of a Generalized Differential Operator*", Jan 2022 Mathematics 10 (2), DOI 10.3390/math10020174, eISSN: 2227-7390, Web of Science Categories Mathematics	Da	0.860 (iunie 2024)	3	0.286
41	**Adriana Cătaş,** "*On the Fekete-Szegö problem for certain classes of meromorphic functions using p,q-derivative operator and a p,q-wright type hypergeometric function*". Symmetry 2021, 13(11), 2143, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences, DOI 10.3390/sym13112143	Da	0.750 (iunie 2025)	1	0.750
42	Alb Lupaș, A.; **Adriana Cătaş,** "*Fuzzy Differential Subordination of the Atangana–Baleanu Fractional Integral*", Symmetry 2021, 13(10):1929, DOI: 10.3390/sym13101929, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences	Da	0.750 (iunie 2025)	2	0.375

43	Alb Lupaş, A.; **Adriana Cătaş**. "*An application of the principle of differential subordination to analytic functions involving Atangana-Baleanu fractional integral of Bessel functions*", Symmetry 2021, 13(6), 971; https://doi.org/10.3390/sym13060971, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences	Da	0.750 (iunie 2025)	2	0.375
44	Zhi-Gang Wang, Zhi-Hong Liu, **Adriana Cătaş**, "*On neighborhoods and partial sums of certain meromorphic multivalent functions*", Applied Mathematics Letters, 24(2011), pp. 864-868. ISSN: 0893-9659. DOI 10.1016/j.aml.2010.12.033	Nu	1.427 (iunie 2024)	3	0.475
45	**Adriana Cătaş**, "*Note on meromorphic m–valent starlike functions*", J. Math. Inequal. (Journal of Mathematical Inequalities), Volume 4, Number 4 (2010), 601–607. (ISSN: 1846-579X) WOS:000294309200012	Nu	0.763 (iunie 2025)	1	0.763
46	A. Alb Lupaş, **Adriana Cătaş**, "*A Note on a Subclass of Analytic Functions Defined by Ruscheweyh Derivative*", J. Math. Inequal. (Journal of Mathematical Inequalities, Volume 4, Issue 2 (June 2010), pp. 233-236 (ISSN: 1846-579X) WOS:000294308100006	Nu	0.763 (iunie 2025)	2	0.381
47	**Adriana Cătaş,** "*Class of Analytic Functions Associated with New Multiplier Transformations and Hypergeometric Function*"*,* Taiwanese J. Math, Volume 14, No.2, pp. 403-412, April 2010, (ISSN: 1027-5487) WOS:000276800500007	Nu	0.781 (iunie 2025)	1	0.781
48	**Adriana Cătaş**, "*Neighborhoods of a certain class of analytic functions with negative coefficients*", Banach J. Math. Anal., Vol. 3, Number 1(2009), pp. 111-121. ISSN 1735-8787 https://doi.org/10.15352/bjma/1240336428	Nu	1.292 (iunie 2025)	1	1.292
49	**A. Cătaş,** "*Some simple criteria of starlikeness for meromorphic functions*"*,* Filomat, 22:2 (2008), 109-113. (ISSN: 0354-5180) Faculty of Sciences and Mathematics, University of Niˇs, Serbia DOI 10.2298/FIL0802109C http://www.pmf.ni.ac.yu/filomat	Nu	0.617 (iunie 2025)	1	0.617
50	G. I. Oros, **Adriana Cătaş**, and Gh. Oros, "*On Certain Subclasses of Meromorphic Close-to-Convex Functions*", J. Inequal. Appl. 2008 (2008), Article ID 246909, 12 pages, ISSN 1029-242X, doi:10.1155/2008/246909	Nu	0.863 (iunie 2025)	3	0.287
	Total parţial (pentru articole din ultimii 7 ani, prin însumare)			$S_{recent}=$	**12.043**
	TOTAL (prin însumare)			S=	**16.639**

Citări provenind din articole publicate în reviste științifice cotate ISI cu SRI ≥ 0,5 (autocitările sunt excluse) (a se vedea Tabelul 1)

Nr. Crt.	Articolul citat (Autori, titlu, revista, volum, pagini, anul)	Revista și articolul în care a fost citat	Factor SRI al revistei unde a fost citat
1.	Hawsar A. Hamarashid, Mudhafar F. Hama, Pishtiwan Othman Sabir, Sheza M. El-Deeb, **Adriana Cătaş**, "*Solutions of nonlinear integro-differential equations of fractional order defined using fractional boundary conditions*", Jul 24 2025, JOURNAL OF INEQUALITIES AND APPLICATIONS, 2025(1). ISSN: 1029-242X, doi.org/10.1186/s13660-024-03235-w	Ahmed, MR (Ahmed, Mariwan Rashid); Ahmed, SS (Shawki Ahmed, Shazad); Sabir, PO (Othman Sabir, Pishtiwan), *Employing Quadratic B-Spline Collocation Method for Solving Nonlinear Volterra-Type Integro-Fractional Differential Equations*, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, ISSN 0170-4214, DOI 10.1002/mma.70197	0.923 (iunie 2024)
2.	K.M. Alsager; G. Murugusundaramoorthy; **Adriana Cătaş**; S.M. El-Deeb, "*Applications of Caputo-Type Fractional Derivatives for Subclasses of Bi-Univalent Functions with Bounded Boundary Rotation*", Fractal Fract. 2024, 8, 501. DOI 10.3390/fractalfract8090501	Seoudy, TM (Seoudy, Tamer M.); Shammaky, AE (Shammaky, Amnah E.), *Certain subfamily of multivalently Bazilevic and non-Bazilevic functions involving the bounded boundary rotation*, AIMS MATHEMATICS, Volume 10, Issue 5, Page 12745-12760 DOI10.3934/math.2025574	0.743 (iunie 2024)
3.	K.M. Alsager; G. Murugusundaramoorthy; **Adriana Cătaş**; S.M. El-Deeb, "*Applications of Caputo-Type Fractional Derivatives for Subclasses of Bi-Univalent Functions with Bounded Boundary Rotation*", Fractal Fract. 2024, 8, 501. DOI 10.3390/fractalfract8090501	Sowileh, SM (Sowileh, Suliman M.); Murugusundaramoorthy, G; Halouani, B (Halouani, Borhen); Elshazly, IS (Elshazly, Ibrahim S.); Mamon, MA (Mamon, Mohamed A.); El-Qadeem, AH (El-Qadeem, Alaa H.), *Some Evaluations About Coefficients Boundaries for Specific Classes of Bi-Univalent Functions*, Axioms, Volume 13, Issue 12, DOI 10.3390/axioms13120821, Dec 2024	0.602 (iunie 2022)
4.	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**, Darwish, H., "*On the Fekete–Szegö Problem for Certain Classes of (γ,δ)-Starlike and (γ,δ)-Convex Functions Related to Quasi-Subordinations*", Symmetry 2024, 16, 1043. DOI 10.3390/sym16081043	A.A. Lupas, *Symmetry in Geometric Theory of Analytic Functions*, Symmetry 2025, 17(7), 1164; https://doi.org/10.3390/sym17071164	0.750 (iunie 2025)
5.	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**, Darwish, H., "*On the Fekete–Szegö Problem for Certain Classes of (γ,δ)-Starlike and (γ,δ)-Convex Functions Related to Quasi-Subordinations*", Symmetry 2024, 16, 1043. DOI 10.3390/sym16081043	Almutairi, NS (Almutairi, Norah Saud); Almutairi, AS (Almutairi, Adarey Saud); Shahen, A (Shahen, Awatef); Darwish, H (Darwish, Hanan), *Estimates of coefficients for bi-univalent Ma-Minda-type functions associated with q-Srivastava-Attiya operator*, AIMS Mathematics, Volume 10, Issue 3, 2025, Page 7269-7289, DOI 10.3934/math.2025333	0.743 (iunie 2025)
6.	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**, Darwish, H., "*On the Fekete–Szegö Problem for Certain Classes of (γ,δ)-Starlike and (γ,δ)-*	Swamy, S.R.; Frasin, B.A.; Breaz, D.; Cotîrla, L.-I. *Two Families of Bi-Univalent Functions Associating the (p, q)-Derivative with*	0.860

	Convex Functions Related to Quasi-Subordinations", Symmetry 2024, 16, 1043. DOI 10.3390/sym16081043	*Generalized Bivariate Fibonacci Polynomials*. Mathematics 2024, 12, 3933. https:// doi.org/10.3390/math12243933	(iunie 2024)
7.	Almutairi, N.S.; Shahen, A.; **Adriana Cătaş**; Darwish, H. "*Convolution Properties of Meromorphic P-Valent Functions with Coefficients of Alternating Type Defined Using q-Difference Operator*". Mathematics 2024, 12(13), 2104. https://doi.org/ 10.3390/math12132104	Cotîrla, L.-I.; Totoi, E.-A. *Similar Classes of Convex and Close-to-Convex Meromorphic Functions Obtained Through Integral Operators*. Symmetry 2024, 16, 1604. https://doi.org/10.3390/ sym16121604	0.750 (iunie 2025)
8.	Al-Shbeil, I (Al-Shbeil, Isra); Wanas, AK (Wanas, Abbas Kareem); Alaqad, H (Alaqad, Hala); **Adriana Cătaş**; Alohali, H (Alohali, Hanan), *Applications of Horadam Polynomials for Bazilevič and λ-Pseudo-Starlike Bi-Univalent Functions Associated with Sakaguchi Type Functions*, Fractal Fract. 2024, 8(9), 501;	Sabir, PO (Sabir, Pishtiwan Othman); Lupas, AA (Lupas, Alina Alb); Khalil, SS (Khalil, Sipal Saeed); Mohammed, PO (Mohammed, Pshtiwan Othman); Abdelwahed, M (Abdelwahed, Mohamed), *Some Classes of Bazilevič-Type Close-to-Convex Functions Involving a New Derivative Operator*, SYMMETRY-BASEL, 2024, Volume 16, Issue 7, DOI 10.3390/sym16070836	0.750 (iunie 2025)
9.	Al-Shbeil, Isra, Shahid Khan, Fairouz Tchier, Ferdous M. O. Tawfiq, Amani Shatarah, and **Adriana Cătaş**. 2023. "*Sharp Estimates Involving a Generalized Symmetric Sălăgean q-Differential Operator for Harmonic Functions via Quantum Calculus*" Symmetry-BASEL 15, no. 12: 2156. https://doi.org/10.3390/sym15122156	Andrei, L.; Caus, V.-A. *A Class of Symmetric Harmonic Functions Involving a Specific q-Difference Symmetric Operator*. Symmetry 2025, 17, 721. https:// doi.org/10.3390/sym17050721	0.750 (iunie 2025)
10.	Al-Shbeil, Isra, Shahid Khan, Fairouz Tchier, Ferdous M. O. Tawfiq, Amani Shatarah, and **Adriana Cătaş**. 2023. "*Sharp Estimates Involving a Generalized Symmetric Sălăgean q-Differential Operator for Harmonic Functions via Quantum Calculus*" Symmetry-BASEL 15, no. 12: 2156. https://doi.org/10.3390/sym15122156	Soren, M.M.; Wanas, A.K.; Cotîrla, L.-I. *Results of Third-Order ˇ Strong Differential Subordinations*. Axioms 2024, 13, 42. https://doi.org/ 10.3390/axioms13010042	0.602 (iunie 2022)
11.	Saeed, Tareq, **Adriana Cătaş**, Muhammad Bilal Khan, and Ahmed Mohammed Alshehri. 2023. "*Some New Fractional Inequalities for Coordinated Convexity over Convex Set Pertaining to Fuzzy-Number-Valued Settings Governed by Fractional Integrals*" Fractal and Fractional 7, no. 12: 856. https://doi.org/10.3390/fractalfract7120856	Kermausuor, S.; Nwaeze, E.R. Mathematical Inequalities in Fractional Calculus and Applications. Fractal Fract. 2024, 8, 471. https:// doi.org/10.3390/fractalfract8080471	1.151 (iunie 2025)
12.	Saeed, Tareq, **Adriana Cătaş**, Muhammad Bilal Khan, and Ahmed Mohammed Alshehri. 2023. "*Some New Fractional Inequalities for Coordinated Convexity over Convex Set Pertaining to Fuzzy-Number-Valued Settings Governed by Fractional Integrals*" Fractal and Fractional 7, no. 12: 856. https://doi.org/10.3390/fractalfract7120856	Alshehry, A.S.; Ciurdariu, L.; Saber, Y.; Soliman, A.F. *Some New Estimations of Left and Right Interval Fractional Pachpatte's Type Integral Inequalities via Rectangle Plane*. Axioms 2024, 13, 417. https://doi.org/ 10.3390/axioms13070417	0.602 (iunie 2022)
13.	Saeed, Tareq, **Adriana Cătaş**, Muhammad Bilal Khan, and Ahmed Mohammed Alshehri. 2023. "*Some New Fractional Inequalities for Coordinated Convexity over Convex Set*	Waqar Afzal, Mujahid Abbas, Jongsuk Ro, Khalil Hadi Hakami, Hamad Zogan. *An analysis of fractional integral calculus and inequalities by means of coordinated center-*	0.743 (iunie 2025)

	Pertaining to Fuzzy-Number-Valued Settings Governed by Fractional Integrals" Fractal and Fractional 7, no. 12: 856. https://doi.org/10.3390/fractalfract7120856	*radius order relations,* AIMS Mathematics, 2024, 9(11): 31087-31118. doi: 10.3934/math.20241499	
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16.	Saeed, Tareq, **Adriana Cătaş**, Muhammad Bilal Khan, and Ahmed Mohammed Alshehri. 2023. "*Some New Fractional Inequalities for Coordinated Convexity over Convex Set Pertaining to Fuzzy-Number-Valued Settings Governed by Fractional Integrals"* Fractal and Fractional 7, no. 12: 856. https://doi.org/10.3390/fractalfract7120856	Khan, Muhammad Bilal, Eze R. Nwaeze, Cheng-Chi Lee, Hatim Ghazi Zaini, Der-Chyuan Lou, and Khalil Hadi Hakami. 2023. "*Weighted Fractional Hermite–Hadamard Integral Inequalities for up and down JJ-Convex Fuzzy Mappings over Coordinates"* Mathematics 11, no. 24: 4974. https://doi.org/10.3390/math11244974	0.860 (iunie 2024)
17.	Taj, Yusra, Sarfraz Nawaz Malik, **Adriana Cătaş**, Jong-Suk Ro, Fairouz Tchier, and Ferdous M. O. Tawfiq. 2023. "*On Coefficient Inequalities of Starlike Functions Related to the q-Analog of Cosine Functions Defined by the Fractional q-Differential Operator"* Fractal and Fractional 7, no. 11: 782. https://doi.org/10.3390/fractalfract7110782	Rubab Nawaz, Sarfraz Nawaz Malik, Daniel Breaz, Luminiţa-Ioana Cotîrlă. *Analysis of coefficient functionals for analytic functions with bounded turning linked with q-Sine function.* AIMS Mathematics, 2025, 10(7): 17274-17290. doi: 10.3934/math.2025772	0.743 (iunie 2025)
18.	Taj, Yusra, Sarfraz Nawaz Malik, **Adriana Cătaş**, Jong-Suk Ro, Fairouz Tchier, and Ferdous M. O. Tawfiq. 2023. "*On Coefficient Inequalities of Starlike Functions Related to the q-Analog of Cosine Functions Defined by the Fractional q-Differential Operator"* Fractal and Fractional 7, no. 11: 782. https://doi.org/10.3390/fractalfract7110782	Alahmade, Ayman, Zeeshan Mujahid, Ferdous M. O. Tawfiq, Bilal Khan, Nazar Khan, and Fairouz Tchier. 2023. "*Third Hankel Determinant for Subclasses of Analytic and m-Fold Symmetric Functions Involving Cardioid Domain and Sine Function"* Symmetry 15, no. 11: 2039. https://doi.org/10.3390/sym15112039	0.750 (iunie 2025)
19.	Sanni KM, Asghar S, Al-Shbeil I and **Adriana Cătaş** (2023) *Radiative simulation of non-Newtonian MHD fluid over a boundary-driven multi-physical curved mechanism: Keller–Box evidence.* Front. Phys. 11:1126003. doi: 10.3389/fphy.2023.1126003 (Frontiers in Physics) ISSN 2296-424X	M. Alkinidri, J. Iqbal, and F. M. Abbasi, *Thermal transport and irreversibility analysis for radially magnetized Carreau–Yasuda nanofluids flow over polished surfaces*, Modern Physics Letters B, Vol. 39, No. 29, 2550168 (2025), https://doi.org/10.1142/S0217984925501684	0.514 (iunie 2025)
20.	Sanni KM, Asghar S, Al-Shbeil I and **Adriana Cătaş** (2023) *Radiative simulation of non-Newtonian MHD fluid over a boundary-driven*	K. M. Sannia, Afis Saliub and S. Asghar, *Heat and mass transport of an advection-diffusion viscousfluid past a magnetized*	0.755

	multi-physical curved mechanism: Keller–Box evidence. Front. Phys. 11:1126003. doi: 10.3389/fphy.2023.1126003 (Frontiers in Physics) ISSN 2296-424X	*multi-physical curved stretchingsheet with chemical reaction*, MATHEMATICAL AND COMPUTER MODELLING OF DYNAMICAL SYSTEMS, 2024, VOL. 30, NO. 1, 131–155https://doi.org/10.1080/13873954.2024.2311392	(iunie 2025)
21.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Saeed T. *On the Role of Intuitionistic Fuzzy Preinvex Mappings in Fuzzy Optimization Using Variational-Like Inequalities*. Contemp. Math. [Internet]. 2025 Nov. 9 [cited 2026 Jan. 7];6(6):8842-63. Available from: https://ojs.wiserpub.com/index.php/CM/article/view/7722	0.900 (iunie 2024)
22.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Aljohani, A.F.; Althobaiti, A.; Althobaiti, S. *Research on New Interval-Valued Fractional Integrals with Exponential Kernel and Their Applications*. Axioms 2024, 13, 616. https://doi.org/10.3390/ axioms13090616	0.602 (iunie 2022)
23.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Khan, Muhammad Bilal, Eze R. Nwaeze, Cheng-Chi Lee, Hatim Ghazi Zaini, Der-Chyuan Lou, and Khalil Hadi Hakami. 2023. "*Weighted Fractional Hermite–Hadamard Integral Inequalities for up and down 𝐽𝐽-Convex Fuzzy Mappings over Coordinates*" Mathematics 11, no. 24: 4974. https://doi.org/10.3390/math11244974	0.860 (iunie 2024)
24.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Bin-Mohsin, Bandar, Muhammad Zakria Javed, Muhammad Uzair Awan, and Artion Kashuri. 2023. "*On Some New AB-Fractional Inclusion Relations*" Fractal and Fractional 7, no. 10: 725. https://doi.org/10.3390/fractalfract7100725	1.151 (iunie 2025)
25.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Khan, Muhammad Bilal, Jorge E. Macías-Díaz, Ali Althobaiti, and Saad Althobaiti. 2023. "*Some New Properties of Exponential Trigonometric Convex Functions Using up and down Relations over Fuzzy Numbers and Related Inequalities through Fuzzy Fractional Integral Operators Having Exponential Kernels*" Fractal and Fractional 7, no. 7: 567. https://doi.org/10.3390/fractalfract7070567	1.151 (iunie 2025)

26.	Khan, Muhammad Bilal, **Adriana Cătaş**, Najla Aloraini, and Mohamed S. Soliman. 2023. "*Some New Versions of Fractional Inequalities for Exponential Trigonometric Convex Mappings via Ordered Relation on Interval-Valued Settings*" Fractal and Fractional 7, no. 3: 223. https://doi.org/10.3390/fractalfract7030223	Khan, Muhammad Bilal, Jorge E. Macías-Díaz, Saeid Jafari, Abdulwadoud A. Maash, and Mohamed S. Soliman. 2023. "*Pre-Invexity and Fuzzy Fractional Integral Inequalities via Fuzzy Up and Down Relation*" Symmetry 15, no. 4: 862. https://doi.org/10.3390/sym15040862	0.750 (iunie 2025)
27.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Attiya, A.A.; Ibrahim, R.W.; Hakami, A.H.; Cho, N.E.; Yassen, M.F. *Quantum–Fractal–Fractional Operator in a Complex Domain*. Axioms 2025, 14, 57. https://doi.org/10.3390/axioms14010057	0.602 (iunie 2022)
28.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Alb Lupas, *A. Strong Sandwich-Type Results for Fractional Integral of the Extended q-Analogue of Multiplier Transformation*. Mathematics 2024, 12, 2830. https://doi.org/10.3390/math12182830	0.860 (iunie 2024)
29.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Shatha S. Alhily, Alina Alb Lupaş. *Sandwich theorems involving fractional integrals applied to the-q analogue of the multiplier transformation*. AIMS Mathematics, 2024, 9(3): 5850-5862. doi: 10.3934/math.2024284	0.743 (iunie 2025)
30.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Al-Shaikh, Suha B., Mohammad Faisal Khan, Mustafa Kamal, and Naeem Ahmad. 2023. "*New Subclass of Close-to-Convex Functions Defined by Quantum Difference Operator and Related to Generalized Janowski Function*" Symmetry 15, no. 11: 1974. https://doi.org/10.3390/sym15111974	0.750 (iunie 2025)
31.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Ali, Ekram E., Georgia Irina Oros, Shujaat Ali Shah, and Abeer M. Albalahi. 2023. "*Applications of q-Calculus Multiplier Operators and Subordination for the Study of Particular Analytic Function Subclasses*" Mathematics 11, no. 12: 2705. https://doi.org/10.3390/math11122705	0.860 (iunie 2024)
32.	A.A. Lupas, **Adriana Cătaş**, "*Differential Subordination and Superordination Results for q-Analogue of Multiplier Transformation*", Fractal Fract. 2023, 7(2), 199; https://doi.org/10.3390/fractalfract7020199	Alina Alb Lupaş, Shujaat Ali Shah, Loredana Florentina Iambor. *Fuzzy differential subordination and superordination results for q -analogue of multiplier transformation*. AIMS Mathematics, 2023, 8(7): 15569-15584. doi: 10.3934/math.2023794	0.574 (iunie 2023)
33.	Azzam, Abdel Fatah, Shujaat Ali Shah, **Adriana Cătaş**, and Luminiţa-Ioana Cotîrlă. 2023. "*On Fuzzy Spiral-like Functions Associated with the Family of Linear Operators*" Fractal and Fractional 7, no. 2: 145. https://doi.org/10.3390/fractalfract7020145	G. I. Oros, G. Oros, and Ö. Güney, "*Introduction in third-order fuzzy differential subordination*", Hacettepe Journal of Mathematics and Statistics, vol. 53, no. 6, pp. 1627–1641, 2024, doi: 10.15672/hujms.1319541.	0.581 (iunie 2025)
34.	Azzam, Abdel Fatah, Shujaat Ali Shah, **Adriana Cătaş**, and Luminiţa-Ioana Cotîrlă. 2023. "*On Fuzzy Spiral-like Functions Associated with the Family of Linear Operators*" Fractal and Fractional 7, no. 2:	Madan Mohan Soren, Luminiţa-Ioana Cotîrlă. *Fuzzy differential subordination and superordination results for the Mittag-Leffler type Pascal distribution*. AIMS Mathematics,	0.743 (iunie 2025)

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98.	Afis Saliu, Kanwal Jabeen, Isra Al-shbeil, Semiu Oladipupo Oladejo, **Adriana Cătaș**, "*Radius and Differential Subordination Results for Starlikeness Associated with Limacon Class*", Journal of Function Spaces, Volume 2022, Article Number 8264693. DOI 10.1155/2022/8264693, ISSN 2314-8896	Al-shbeil, I.; Khan, S.; AlAqad, H.; Alnabulsi, S.; Khan, M.F. *Applications of the Symmetric Quantum-Difference Operator for New Subclasses of Meromorphic Functions.* Symmetry 2023, 15, 1439. https://doi.org/10.3390/sym15071439	0.750 (iunie 2025)
99.	Afis Saliu, Kanwal Jabeen, Isra Al-shbeil, Semiu Oladipupo Oladejo, **Adriana Cătaș**, "*Radius and Differential Subordination Results for Starlikeness Associated with Limacon Class*", Journal of Function Spaces, Volume 2022, Article Number 8264693. DOI 10.1155/2022/8264693, ISSN 2314-8896	Faisal, Muhammad Imran, Isra Al-Shbeil, Muhammad Abbas, Muhammad Arif, and Reem K. Alhefthi. 2023. "*Problems Concerning Coefficients of Symmetric Starlike Functions Connected with the Sigmoid Function*" Symmetry 15, no. 7: 1292. https://doi.org/10.3390/sym15071292	0.687 (iunie 2022)
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214.	Alb Lupaș, A.; **Adriana Cătaș**. "*An application of the principle of differential subordination to analytic functions involving Atangana-Baleanu fractional integral of Bessel functions*", Symmetry 2021, 13(6), 971; https://doi.org/10.3390/sym13060971, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences	Vivas-Cortez, M (Vivas-Cortez, Miguel); Awan, MU (Awan, Muhammad Uzair); Rafique, S (Rafique, Sehrish); Javed, MZ (Javed, Muhammad Zakria); Kashuri, A (Kashuri, Artion), Some novel inequalities involving Atangana-Baleanu fractional integral operators and applications, AIMS Mathematics 2022, Volume 7, Issue 7: 12203-12226. https://doi.org/10.3934/math.2022678	0.743 (iunie 2025)
215.	Alb Lupaș, A.; **Adriana Cătaș**. "*An application of the principle of differential subordination to analytic functions involving Atangana-Baleanu fractional integral of Bessel functions*", Symmetry 2021, 13(6), 971; https://doi.org/10.3390/sym13060971, eISSN: 2073-8994, Web of Science Categories Multidisciplinary Sciences	Lupas, AA (Lupas, Alina Alb); Oros, GI (Oros, Georgia Irina), On Special Differential Subordinations Using Fractional Integral of Salagean and Ruscheweyh Operators Symmetry 2021, 13(9), 1553; https://doi.org/10.3390/sym13091553	0.750 (iunie 2025)
216.	Cotirla, LI (Cotirla, Luminita-Ioana); **Adriana Cătaș**, *Differential sandwich theorem for certain class of analytic functions associated with an integral operator*, Studia Universitatis Babes-Bolyai Mathematica, Volume 65, Issue 4, Page 487-494, Published 2020, ISSN: 0252-1938, eISSN: 2065-961X https://doi.org/10.24193/subbmath.2020.4.01	Oros, G.I.; Oros, G.; Bardac-Vlada, D.A. *Study on the Criteria for Starlikeness in Integral Operators Involving Bessel Functions*. Symmetry 2023, 15, 1976. https://doi.org/10.3390/sym15111976	0.750 (iunie 2025)
217.	Cotirla, LI (Cotirla, Luminita-Ioana); **Adriana Cătaș**, *Differential sandwich theorem for certain class of analytic functions associated with an integral operator*, Studia Universitatis Babes-Bolyai Mathematica, Volume 65, Issue 4, Page 487-494, Published 2020, ISSN: 0252-1938, eISSN: 2065-961X https://doi.org/10.24193/subbmath.2020.4.01	Mihsin, BK (Mihsin, Bassim Kareem); Atshan, WG (Atshan, Waggas Galib); Alhily, SS (Alhily, Shatha S.); Lupas, AA (Lupas, Alina Alb), *New Results on Fourth-Order Differential Subordination and Superordination for Univalent Analytic Functions Involving a Linear Operator*, Symmetry 2022, 14(2), 324; https://doi.org/10.3390/sym14020324	0.750 (iunie 2025)
218.	Zhi-Gang Wang, Zhi-Hong Liu, **Adriana Cătaș**, "*On neighborhoods and partial sums of certain meromorphic multivalent functions*", Applied Mathematics Letters, 24(2011), pp. 864-868. ISSN: 0893-9659. https://doi.org/10.1016/j.aml.2010.12.033	Muhammad Arif, Maslina Darus, Fazal Ghani,1 and Saeed Islam, *New Criteria for Meromorphic MultivalentAlpha-Convex Functions, Hindawi Publishing Corporation*, Journal of Applied Mathematics, Volume 2013, Article ID 396484, 6 pages http://dx.doi.org/10.1155/2013/396484	0.583 (iunie 2024)
219.	Zhi-Gang Wang, Zhi-Hong Liu, **Adriana Cătaș**, "*On neighborhoods and partial sums of certain meromorphic multivalent functions*",	Ibrahim, RW (Ibrahim, Rabha W.); Darus, M (Darus, Maslina), *Cesaro partial sums of certain analytic functions*,	0.863

	Applied Mathematics Letters, 24(2011), pp. 864-868. ISSN: 0893-9659. https://doi.org/10.1016/j.aml.2010.12.033	Journal Of Inequalities and Applications, Article Number 51, Published 2013, ISSN: 1029-242X http://dx.doi.org/10.1186/1029-242X-2013-51	(iunie 2025)
220.	Zhi-Gang Wang, Zhi-Hong Liu, **Adriana Cătaş**, "*On neighborhoods and partial sums of certain meromorphic multivalent functions*", Applied Mathematics Letters, 24(2011), pp. 864-868. ISSN: 0893-9659. https://doi.org/10.1016/j.aml.2010.12.033	Wang, Z.-G., Sun, Y., Xu, N., *Some properties of certain meromorphic close-to-convex functions,* Applied Mathematics Letters, volume 25, issue 3, year 2012, pp. 454 – 460 http://dx.doi.org/10.1016/j.aml.2011.09.035	1.427 (iunie 2024)
221.	Zhi-Gang Wang, Zhi-Hong Liu, **Adriana Cătaş**, "*On neighborhoods and partial sums of certain meromorphic multivalent functions*", Applied Mathematics Letters, 24(2011), pp. 864-868. ISSN: 0893-9659. https://doi.org/10.1016/j.aml.2010.12.033	Aabed Mohammed and Maslina Darus, *Some Properties of Certain Integral Operators on New Subclasses of Analytic Functions with Complex Order*, Hindawi Publishing Corporation Journal of Applied Mathematics Volume 2012, Article ID 161436, 9 pages http://dx.doi.org/10.1155/2012/161436	0.583 (iunie 2024)
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224.	**Adriana Cătaş**, Sandwich Theorems Associated with New Multiplier Transformations, J. Comput. Anal. Appl. Vol.13, No.4, (2011), May 2011, 663-672. (ISSN: 1521-1398 Print, 1572-9206 Online) WOS:000288527100006	Bulut S., *The generalization of the generalized Al-Oboudi differential operator*, Applied Mathematics and Computation Volume: 215 Issue: 4 Pages: 1448-1455 Published: oct 15 2009, ISSN: 0096-3003. https://doi.org/10.1016/j.amc.2009.06.021	1.616 (iunie 2025)
225.	**Adriana Cătaş**, Sandwich Theorems Associated with New Multiplier Transformations, J. Comput. Anal. Appl. Vol.13, No.4, (2011), May 2011, 663-672. (ISSN: 1521-1398 Print, 1572-9206 Online) WOS:000288527100006	Lupas, AA, *Applications of a Multiplier Transformation and Ruscheweyh Derivative for Obtaining New Strong Differential Subordinations* Symmetry 2021, 13(8), 1312; https://doi.org/10.3390/sym13081312	0.750 (iunie 2025)
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228.	**Adriana Cătaș**, "*Neighborhoods of a certain class of analytic functions with negative coefficients*", Banach J. Math. Anal., Vol. 3, Number 1(2009), pp. 111-121. ISSN 1735-8787 https://doi.org/10.15352/bjma/1240336428	Ebrahim Amini, Shrideh Al-Omari and Dayalal Suthar, *Inclusion and Neighborhood on a Multivalent q-SymmetricFunction with Poisson Distribution Operators,* Hindawi Journal of MathematicsVolume 2024, Article ID 3697215,15Pages https://doi.org/10.1155/2024/3697215	0.558 (iunie 2025)
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230.	**Adriana Cătaș**, "*Neighborhoods of a certain class of analytic functions with negative coefficients*", Banach J. Math. Anal., Vol. 3, Number 1(2009), pp. 111-121. ISSN 1735-8787 https://doi.org/10.15352/bjma/1240336428	Wang, ZG (Wang, Zhi-Gang); Yuan, XS (Yuan, Xin-Sheng); Shi, L (Shi, Lei), *Neighborhoods and partial sums of certain subclass of starlike functions*, Journal of Inequalities and Applications, Article Number 163, Published 2013, ISSN 1029-242X https://doi.org/10.1186/1029-242X-2013-163	0.863 (iunie 2025)
231.	**Adriana Cătaș**, "*Neighborhoods of a certain class of analytic functions with negative coefficients*", Banach J. Math. Anal., Vol. 3, Number 1(2009), pp. 111-121. ISSN 1735-8787 https://doi.org/10.15352/bjma/1240336428	Erhan Deniz, Halit Orhan, *Certain Subclasses of Multivalent Functions Defined by New Multiplier Transformations*, Arab J Sci Eng (2011) 36:1091–1112 https://doi.org/10.1007/s13369-011-0103-3	0.748 (iunie 2025)
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233.	**A. Cătaș,** "*Some simple criteria of starlikeness for meromorphic functions*"**,** Filomat, 22:2 (2008), 109-113. (ISSN: 0354-5180) Faculty of Sciences and Mathematics, University of Niˇs, Serbia DOI 10.2298/FIL0802109C http://www.pmf.ni.ac.yu/filomat	Lei Shi and Zhi-Gang Wang, *Some Basic Properties of Certain New Subclass of Meromorphic Functions*, Hindawi Publishing Corporation Journal of Function Spaces Volume 2015, Article ID 196060, 6 pages http://dx.doi.org/10.1155/2015/196060	0.687 (iunie 2024)
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237.	**Adriana Cătaş**, G. I. Oros, and Gh. Oros, *Differential Subordinations Associated with Multiplier Transformations*, Abstr. Appl. Anal., Volume 2008 (2008), Article ID 845724, 11 pages, (ISSN: 1085-3375) https://doi.org/10.1155/2008/845724.	M. K. Aouf, A. Shamandy, A. O. Mostafa, E. A. Adwan, *Subordination Theorem of Analytic Functions Defined by Convolution*, Complex Anal. Oper. Theory (2013) 7:1117–1126 DOI 10.1007/s11785-011-0171-0	1.048 (iunie 2025)
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240.	**Adriana Cătaş**, G. I. Oros, and Gh. Oros, *Differential Subordinations Associated with Multiplier Transformations*, Abstr. Appl. Anal., Volume 2008 (2008), Article ID 845724, 11 pages, (ISSN: 1085-3375) https://doi.org/10.1155/2008/845724.	M.K. Aouf, A. Shamandy, A.O. Mostafa, E.A. Adwan, *Subordination results for certain class of analytic functions defined by convolution*, Rend. Circ. Mat. Palermo (2011) 60:255–262 DOI 10.1007/s12215-011-0048-0	0.819 (iunie 2024)
241.	**Adriana Cătaş**, G. I. Oros, and Gh. Oros, *Differential Subordinations Associated with Multiplier Transformations*, Abstr. Appl. Anal., Volume 2008 (2008), Article ID 845724, 11 pages, (ISSN: 1085-3375) https://doi.org/10.1155/2008/845724.	Zhi-Gang Wang, Neng Xu, Mugur Acu, *Certain subclasses of multivalent analytic functions defined by multiplier transforms*, Applied Mathematics and Computation, 216 (2010), 192–204 (ISSN: 0096-3003).	1.616 (iunie 2025)
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245.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	A.A. Lupaş, *On special strong differential subordinations using multiplier transformation*, Applied Mathematics Letters, Volume 25, Issue 3, March 2012, Pages 624-630 10.1016/j.aml.2011.09.074	1.427 (iunie 2025)
246.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Bulut S., *The generalization of the generalized Al-Oboudi differential operator*, Applied Mathematics and Computation Volume: 215 Issue: 4 Pages: 1448-1455, Published: oct 15, 2009, ISSN: 0096-3003 10.1016/j.amc.2009.06.021	1.616 (iunie 2025)
247.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	R. M. El-Ashwah, M. K. Aouf, S. M. El-Deeb, *On a class of multivalent functions defined by an extended multiplier transformations*, Computers and Mathematics with Applications, vol. 60, Issue 3, pg. 623-628, Aug. 2010. ISSN 1873-7668 https://doi.org/10.1016/j.camwa.2010.05.008	1.557 (iunie 2024)
248.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Atshan, W.G.; Hiress, R.A.; Altınkaya, S. *On Third-Order Differential Subordination and Superordination Properties of Analytic Functions Defined by a Generalized Operator*. Symmetry 2022, 14, 418. https://doi.org/10.3390/sym14020418	0.750 (iunie 2025)
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252.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alina Alb Lupaş, *On special strong differential subordinations using multiplier transformation*, Applied Mathematics Letters Volume 25, Issue 3, March 2012, Pages 624-630 https://doi.org/10.1016/j.aml.2011.09.074	1.427 (iunie 2024)
253.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Hamzat, Jamiu Olusegun, Abiodun Tinuoye Oladipo, and Georgia Irina Oros. "*Application of a Multiplier Transformation to Libera Integral Operator Associated with Generalized Distribution.*" Symmetry 14.9 (2022): 1934. https://doi.org/10.3390/sym14091934	0.750 (iunie 2025)
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257.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Bulut, Serap. "The generalization of the generalized Al-Oboudi differential operator." *Applied Mathematics and Computation* 215.4 (2009): 1448-1455. https://doi.org/10.1016/j.amc.2009.06.021	1.616 (iunie 2025)

258.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Swamy, Sondekola Rudra, et al. "Properties of a Special Holomorphic Function Linked with a Generalized Multiplier Transformation." *Mathematics* 11.19 (2023): 4126. https://doi.org/10.3390/math11194126	0.860 (iunie 2024)
259.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alhily, Shatha S., and Alina Alb Lupas. "Sandwich theorems involving fractional integrals applied to the q-analogue of the multiplier transformation." *AIMS Mathematics* 9.3 (2024): 5850-5862. DOI: 10.3934/math.2024284	0.743 (iunie 2024)
260.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alina, Alb Lupaş, and Bipan Hazarika. "Differential Sandwich Theorems for Atangana–Baleanu Fractional Integral Applied to Extended Multiplier Transformation." *Mathematical Problems in Engineering* 2022.1 (2022): 5239339. **https://doi.org/10.1155/2022/5239339**	0.508 (iunie 2021)
261.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Madian, S. M. "Some properties for certain class of bi-univalent functions defined by q-Catas operator with bounded boundary rotation." *AIMS Math* 7.1 (2011): 903-914. DOI: 10.3934/math.2022053	0.743 (iunie 2024)
262.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Aouf, M. K., et al. "On sandwich theorems for multivalent functions involving a generalized differential operator." *Computers & Mathematics with Applications* 61.9 (2011): 2578-2587. https://doi.org/10.1016/j.camwa.2011.02.050	1.557 (iunie 2024)
263.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alb Lupaş, Alina and Acu, Mugur. "Properties of a subclass of analytic functions defined by Riemann-Liouville fractional integral applied to convolution product of multiplier transformation and Ruscheweyh derivative" *Demonstratio Mathematica*, vol. 56, no. 1, 2023, pp. 20220249. https://doi.org/10.1515/dema-2022-0249	0.881 (iunie 2024)
264.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alharayzeh, Ma'moun I. Y.. "On a subclass of multivalent functions defined by generalized multiplier transformation" *Open Mathematics*, vol. 23, no. 1, 2025, pp. 20240088. https://doi.org/10.1515/math-2024-0088	0.704 (iunie 2025)

265.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alb Lupaş, Alina. "New applications of fractional integral for introducing subclasses of analytic functions." *Symmetry* 14.2 (2022): 419. https://doi.org/10.3390/sym14020419	0.750 (iunie 2025)
266.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	El-Ashwah, Rabha Mohamed, Mohamed Kamal Aouf, and Sheza M. El-Deeb. "On a class of multivalent functions defined by an extended multiplier transformations." *Computers & Mathematics with Applications* 60.3 (2010): 623-628. https://doi.org/10.1016/j.camwa.2010.05.008	1.557 (iunie 2024)
267.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Acu, Mugur, Yaşar Polatoğlu, and Emel Yavuz. "The Radius of Starlikeness of the Certain Classes of-p Valent Functions Defined by Multiplier Transformations." *Journal of Inequalities and Applications* 2008.1 (2008): 280183. doi:10.1155/2008/280183	0.863 (iunie 2025)
268.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Alb Lupaş, Alina. "Fuzzy Differential Inequalities for Convolution Product of Ruscheweyh Derivative and Multiplier Transformation." *Axioms* 12.5 (2023): 470. https://doi.org/10.3390/axioms12050470	0.602 (iunie 2022)
269.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	El-Ashwah, R. M., M. K. Aouf, and H. M. Zayed. "On certain subclass of analytic functions defined by convolution." *МАТЕМАТИЧКИ ВЕСНИК* 66.3 (2014): 248-264. (Matematički Vesnik)	0.524 (iunie 2024)
270.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	El-Ashwah, R. M. "*Results regarding the argument of certain p-valent analytic functions defined by a generalized integral operator |* ." *Journal of Inequalities and Applications* 2012.1 (2012): 35.	0.863 (iunie 2025)
271.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoğlu (Eds.),	Aouf, M. K., et al. "On sandwich theorems for some subclasses of analytic functions involving extended multiplier transformations." *Matematički vesnik* 63.245 (2011): 157-169. enhanced_eudml_content_accessible_layered-pdf-eudml-252617-0.pdf	0.524 (iunie 2024)

272.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Aouf, M. K., et al. "On a new class of p-valent functions with negative coefficients defined by convolution." *Le Matematiche* 70.1 (2015): 21-38. On a new class of p-valent functions with negative coefficients defined by convolution	Le Matematiche	0.637 (iunie 2024)
273.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Alb Lupas, A. New Applications of Fractional Integral for Introducing Subclasses of Analytic Functions. Symmetry 2022, 14, 419. https://doi.org/10.3390/ sym14020419	0.750 (iunie 2025)
274.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Aouf, Mohamed K., Rabha M. El-Ashwah, and Ahmed M. Abd-Eltawab. "Differential sandwich theorems for higher-order derivatives of p-valent functions involving a generalized differential operator." *Le Matematiche* 69.1 (2014): 209-226. Differential sandwich theorems for higher-order derivatives of p-valent functions involving a generalized differential operator |	0.637 (iunie 2024)
275.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	El-Ashwah, R. M., et al. "Differential sandwich theorems for p-valent functions associated with generalized multiplier transformations." *Le Matematiche* 68.2 (2013): 141-158. doi: 10.4418/2013.68.2.11	0.637 (iunie 2024)
276.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Jain, P. K., Sharma, P. and Jain, V.. "A class of univalent functions involving a differentio-integral operator" Demonstratio Mathematica, vol. 46, no. 2, 2013, pp. 283-297. https://doi.org/10.1515/dema-2013-0459	0.881 (iunie 2024)
277.	**Adriana Cătaş**, *On certain classes of p-valent functions defined by multiplier transformations*, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250. (ISBN 978-975-6957-42-9). S. Owa, Y. Polatoǧlu (Eds.),	Aouf, M. K., et al. "Some Properties for Certain Subclass of p-Valent Ana-lytic Functions Defined Using Convolution." *Azerbaijan Journal of Mathematics* 3.1 (2013), ISSN 2218-6816. 6.dvi	0.537 (iunie 2024)
	Total citări	**C=277**	

Cărți științifice de specialitate în domeniul disciplinelor postului publicate ca autor sau co-autor

Nr.crt.	Date lucrare (Autori, titlu, anul, nr. pagini)	Editura	ISBN
1	**Adriana Cătaş**, *Proprietăţi geometrice ale unor clase de funcţii analitice,* 2009. (159 pag.) (acreditată CNCSIS, cod 149)	Editura Universităţii din Oradea	978-973-759-938-4
2	N. Chioreanu, **Adriana Cătaş**, *A New Approach in Workspaces Analysis for Rotary Engine Case,* Chapter 28 in DAAAM International Scientific Book 2009, B. Katalinic (Ed.), Published by DAAAM International, ISSN 1726-9687, Vienna, Austria. DOI: 10.2507/daaam.scibook.2009.28.	B. Katalinic (Ed.), Published by DAAAM International, Vienna, Austria.	978-3-901509-71-1
TOTAL (prin însumare)		$N_1 = 2$	

Lucrări publicate cu studenți/doctoranzi în reviste de specialitate sau prezentate în cadrul unor conferințe de specialitate internaționale sau naționale

Nr.crt	Titlu	Autori	Date despre revistă/conferinţă
1	"*Formule fundamentale în trigonometria sferică*", ŞTIINŢE EXACTE ŞI ŞTIINŢE ALE NATURII	Adrian Raţ, George Raţ, **Adriana Cătaş**	Sesiunea Anuală de Comunicări Ştiinţifice a Studenţilor şi a Cadrelor Didactice din Învăţământul Preuniversitar, Universitatea din Oradea, 30 Mai 2025, vol XVII, 2025
2	"Extreme locale. Aplicaţii ale derivatelor parţiale în economie", ŞTIINŢE EXACTE ŞI ŞTIINŢE ALE NATURII	Aniko-Anita Csepei, **Adriana Cătaş**	Sesiunea Anuală de Comunicări Ştiinţifice a Studenţilor şi a Cadrelor Didactice din Învăţământul Preuniversitar, Universitatea din Oradea, 30 Mai 2025, vol XVII, 2025
3	"Şirul lui Fibonacci", ŞTIINŢE EXACTE ŞI ŞTIINŢE ALE NATURII,	Gabriela Lazăr, **Adriana Cătaş**	Sesiunea Anuală de Comunicări Ştiinţifice a Studenţilor şi a Cadrelor Didactice din Învăţământul Preuniversitar, Universitatea din Oradea, 30 Mai 2025, vol XVII, 2025
	Total (prin însumare)		$N_{2.1} = 3$

Coordonarea lucrărilor de finalizare a studiilor de licență/master

Nr.crt	Titlul lucrării	Numele și prenumele	Specializarea/An universitar
1.	Extreme locale ale funcțiilor de mai multe variabile reale/	Csepei Anikó-Anita	Matematică/2024-2025
2.	Șiruri remarcabile de numere reale/	Lazăr Gabriela	Matematică/2024-2025
3.	Distribuții de probabilitate continue/	Madi Patricia – Diana	Matematică/2024-2025
4.	Drumuri de valoare optimă /	Nagy Ghizela-Marta	Matematică/2023-2024
5.	Configurațiile planetelor pe cer/	Vlad Găvruța	Structuri Matematice Fundamentale/2024-2025
6.	Gravitația și pendulul lui Foucault /	Bot Traian Viorel	Matematică didactică/2022-2023
7.	Variabile aleatoare discrete. Aplicații /	David Iulia - Lorena	Matematică didactică /2022-2023
8.	Rezolvarea triunghiurilor sferice. Aplicații/	Tăut (Sabău) Maria-Antoaneta	Matematică didactică /2022-2023
9.	Eclipse de soare și de lună/	Buta (Grigoraș) Cristina-Mariana	Matematică didactică /2021-2022
10.	Aplicații ale coordonatelor ecuatoriale şi ecliptice/	Fehér Beatrix-Ibolya	Matematică didactică/2021-2022
11.	Estimarea parametrilor statistici /	Mocai A. Alexandra	Matematică /2020-2021
12.	Cercuri și patrulatere inscriptibile /	Marinău I. Alina-Florica	Matematică didactică /2020-2021
13.	Aplicații ale calculului vectorial în geometrie plană /	Toderaș D. Marina-Ioana	Matematică didactică /2020-2021
14.	Divizibilitatea numerelor numerelor /	Țandără A. Victoria-Gina	Matematică didactică /2020-2021
15.	Fenomenul Runge /	Floruț I. Cosmin	Matematică didactică /2019-2020
16.	Teoreme fundamentale ale calculului diferenţial pe $\mathbb{R}$ /	Fulop M. Laura-Loredana	Matematică didactică /2019-2020
17.	Aplicații ale teoriei grafurilor în studiul alcanilor	Szocs A. Ingrid-Kitty	/ Matematică didactică /2019-2020
18.	Aplicații ale trigonometriei sferice în astronomie /	Ardelean (Țârtea) I. Ioana Ana	Matematică didactică /2018-2019
19.	Sisteme de coordonate astronomice	Baciu (Kovacs-Ban) F. Gabriela Ioana	/ Matematică didactică /2018-2019
20.	Aplicații ale numerelor complexe în trigonometrie/	Birta (Zau) S. Simona Gabriela	Matematică didactică/ 2018-2019
21.	Integrale improprii și cu parametri /	Chișe M. Niculina Patricia	Matematică/2017-2018
22.	Serii numerice	Fulop M. Laura Loredana	Matematică/2017-2018
23.	Aspecte locale și globale ale teoriei curbelor /	Mureșan M.V. Ioana Mădălina	Matematică/2017-2018
24.	Funcții integrabile Riemann. Aplicații /	Szocs A. Ingrid Kitty	Matematică/2017-2018
25.	Probleme de coliniaritate și concurență în planul complex /	Brisc F. Florentina Loredana	Matematică didactică/ 2017-2018
26.	Funcții derivabile. Aplicații /	Șipoș C. Cătălina Loredana	Matematică didactică/2017-2018

27.	Funcţii univalente /	Florea A. Andreea Ionela	Matematică didactică/2016-2017
28.	Polinoame /	Ghile T. Lavinia Simona	Matematică didactică/2016-2017
29.	Clase speciale de funcţii univalente	Bodea (Dudaş) D. Roxana-Florina	Matematică didactică/2015-2016
30.	Metoda coordonatelor în studiul conicelor în planul euclidian/	Coita V. S. Bianca Maria	Matematică didactică/2014-2015
31.	Testarea ipotezelor statistice /	Mocai A. Alexandra	Matematică didactică/2014-2015
32.	Utilizarea subordonărilor diferenţiale în studiul unor clase de funcţii analitice/	Olah M. D. Bianca Georgiana	Matematică didactică/2014-2015
33.	Clase speciale de funcţii uniform stelate şi uniform convexe /	Gangoş I. Ioana Daniela	Matematică aplicată în Informatică/2013-2014
34.	Proprietăţi de conservare ale unei clase de operatori integrali pe spaţii de funcţii analitice/	Toth G. Eniko	Matematică aplicată în Informatică/2013-2014
35.	Funcţii armonice/	Vandici I. Diana	Matematică aplicată în Informatică/2013-2014
36.	Utilizarea superordonărilor diferenţiale în studiul unor clase de funcţii univalente/	Varga I. Felicia	Matematică aplicată în Informatică/2013-2014
	Total (prin însumare)	**N$_{2.2}$=36**	

ÎNDEPLINIT /

Tabelul 1 Lista factorilor SRI ale revistelor considerate în anii 2021, 2022, 2023, 2024, 2025

Revista	Iunie-2021	Iunie-2022	Iunie-2023	Iunie-2024	Iunie-2025
Fractal and Fractional	0.735	0.734	0.914	1.018	1.151
Frontiers in Physics	1.901	1.718	1.576	1.634	1.725
Journal of Mathematics	0.243	0.445	0.328	0.505	0.558
Analele Ştiinţifice ale Universităţii Ovidius Constanţa	0.385	0.330	0.386	0.521	0.565
Applied Mathematics Letters	1.305	1.318	1.252	1.427	1.415
Taiwanese Journal of Mathematics	0.753	0.633	0.485	0.777	0.781
Banach Journal of Mathematical Analysis	0.805	0.899	0.946	1.144	1.292
Mathematical Inequalities & Applications	0.614	0.761	0.725	0.812	0.804
Journal of Mathematical Inequalities	0.636	0.639	0.701	0.731	0.763
Computers & Mathematics with Applications	1.312	1.219	1.232	1.557	1.415
Applied Mathematics Letters	1.305	1.318	1.252	1.427	1.415

Carpathian Journal of Mathematics	0.664	0.501	0.529	0.784	0.818
Advances in Difference Equations	0.565	0.724	0.788	1.084	-
Applied Mathematics and Computation	1.165	1.281	1.255	1.600	1.616
Symmetry-Basel	0.579	0.687	0.660	0.748	0.750
Mathematics	0.507	0.634	0.597	0.860	0.850
Fractal and Fractional	0.735	0.734	0.914	1.018	1.151
Axioms	-	0.602	0.490	0.583	0.600
AIMS Mathematics	0.480	0.738	0.574	0.727	0.743
Demonstratio Mathematica	-	0.561	0.564	0.881	0.561
Journal of Function Spaces	0.497	0.398	0.396	0.687	0.622
Heliyon	-	0.867	0.984	1.163	1.170
Computation				0.748	
Journal of Inequalities and Applications	0.634	0.619	0.613	0.812	0.863
MethodsX				0.780	
Open Physics	0.381	0.386	0.411	0.545	0.643
Scientific African				0.875	0.966
Mathematical Methods in the Applied Sciences	0.823	0.805	0.786	0.923	0.913
Turkish Journal of Mathematics	0.477	0.532	0.472	0.637	0.715
Case Studies in Thermal Engineering	0.622	1.654	1.935	2.191	2.184
Scientific Reports	1.887	1.907	1.836	2.006	1.964
Journal of Nonlinear and Variational Analysis	0.726	0.685	0.745	1.070	1.059
PLoS One	1.486	1.537	1.535	1.676	1.582
Integral Transforms and Special Functions		0.631	0.649	0.743	
Materials	2.113	1.822	1.659	1.792	1.767
Journal of Mathematics	0.243	0.445	0.328	0.505	0.558
Filomat	0.415	0.459	0.417	0.540	0.617
Hacettepe Journal of Mathematics and Statistics	0.422	0.468	0.375	0.519	0.581
Matematiski Vesnik				0.524	
Arabian Journal for Science and Engineering	0.465	0.556	0.589	0.710	0.748
Mathematical Models and Methods in Applied Sciences	0.823	0.805	0.786	0.923	0.913
Modern Physics Letters B	0.378	0.432	0.489	0.498	0.514
Mathematical and Computer Modelling of Dynamical Systems	0.314	0.360	0.423	0.661	0.755
Soft Computing	0.859	0.776	0.894	0.905	0.801
Bulletin des Sciences Mathematiques	1.071	1.044	1.083	1.191	1.158
Physica Scripta	1.032	1.053	0.899	1.017	0.992
Redinconti Del Circolo Matematico Di Palermo				0.819	
International Journal of Mathematical Engineering and Management Sciences				0.721	
Complex Analysis and Operator Theory	0.571	0.592	0.686	0.992	1.048
Applied Mathematics in Science and Engineering				1.807	1.875
Mathematical Problems in Engineering	0.508				
Demonstratio Mathematica		0.561	0.564	0.881	0.561

Journal of Mathematics and Computer Science-JMCS				0.648	
Journal of Applied Mathematics				0.583	
Bulletin of the Malaysian Mathematical Sciences Society	0.659	0.682	0.701	1.024	1.194
Computers and Mathematics with Applications	1.312	1.219	1.232	1.557	1.415
Mathematical Inequalitites and Applications	0.614	0.761	0.725	0.812	0.804
Le Matematiche				0.637	
Contemporary Mathematics				0.900	
Journal of Taibah University for Science	0.583	0.711	0.657	0.811	0.853
Mathematica Slovaca	0.346	0.493	0.490	0.664	0.690
Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales Serie A-Matematicas	0.856	0.935	1.015	1.299	1.424
Open Mathematics	0.445	0.471	0.508	0.602	0.704
Azerbaijan Journal of Mathematics				0.537	ESCI-0.563

[1]   lista revistelor ISI sunt cele aflate pe listele ISI Thomson disponibile în momentul depunerii dosarului

[2]   factorul SRI (Scorul Relativ de Influență), este calculat conform cu standardele minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare-dezvoltare propuse de comisia de Matematica din cadrul CNATDCU

      Confirm prin prezenta că datele mai sus menționate sunt reale și se referă la propria mea activitate profesională și științifică.

Data
19.01.2026

        Candidat
        Lector univ. dr. Adriana CĂTAȘ