

Lista de lucrări

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Listă de 10 Articole Publicate în Reviste cotate ISI

1. K. D. Schultz, C. I. Blaga, **R. Chirla**, P. Colosimo, J. Cryan, A. M. March, C. Roedig, E. Sistrunk, J. Tate, J. Wheeler, P. Agostini and L. F. DiMauro, *Strong field physics with long wavelength lasers*, J. Mod. Opt. **54**, 1075 (2007). **IF=1.2**, Nr. citări: 14
2. C. P. Hauri, R. B. Lopez-Martens, C. I. Blaga, K. D. Schultz, J. Cryan, **R. Chirla**, P. Colosimo, G. Doumy, A. M. March, C. Roedig, E. Sistrunk, J. Tate, J. Wheeler, L. F. DiMauro and E. P. Power, *Intense self-compressed, self-phase-stabilized few-cycle pulses at 2 μ m from an optical filament*, Opt. Lett. **32**, 868 (2007). **IF=3.1**, Nr. citări: 89
3. P. Colosimo, G. Doumy, C. I. Blaga, J. Wheeler, C. Hauri, F. Catoire, J. Tate, **R. Chirla**, A. M. March, G. G. Paulus, H. G. Muller, P. Agostini and L. F. DiMauro, *Scaling strong-field interactions towards the classical limit*, Nature Physics **4**, 386 (2008). **IF=20.1**, Nr. citări: 201
4. G. Doumy, J. Wheeler, C. Roedig, **R. Chirla**, P. Agostini and L. F. DiMauro, *Attosecond Synchronization of High-Order Harmonics from Midinfrared Drivers*, Phys. Rev. Lett. **102**, 093002 (2009). **IF=7.5**, Nr. citări: 63
5. **R. Chirla**, C. P. Moca and I. Weymann, *Probing the Rashba effect via the induced magnetization around a Kondo impurity*, Phys. Rev. B **87**, 245133 (2013). **IF=3.7**, Nr. citări: 4
6. **R. Chirla** and C. P. Moca, *Finite-frequency thermoelectric response in strongly correlated quantum dots*, Phys. Rev. B **89**, 045132 (2014). **IF=3.7**, Nr. citări: 3
7. S. B. Schoun, **R. Chirla**, J. Wheeler, C. Roedig, P. Agostini, L. F. DiMauro, K. J. Schafer and M. B. Gaarde, *Attosecond Pulse Shaping around a Cooper Minimum*, Phys. Rev. Lett. **112**, 153001 (2014). **IF=7.5**, Nr. citări: 13
8. **R. Chirla**, I. V. Dinu, V. Moldoveanu and C. P. Moca, *Transport in a hybrid normal metal/topological superconductor Kondo model*, Phys. Rev. B **90**, 195108 (2014). **IF=3.7**, Nr. citări: 3
9. **R. Chirla**, L. Marcu, *PET-based quantification of statistical properties of hypoxic tumor subvolumes in head and neck cancer*, Physica Medica **32**, 23 (2016). **IF=2.4**, Nr. citări: 0
10. **R. Chirla**, A. Manolescu, C. P. Moca, *Transmission of a microwave cavity coupled to localized Shiba states*, Phys. Rev. B **93**, 155110 (2016). **IF=3.7**, Nr. citări: 1

Teza de doctorat

August 2011: Titlul tezei: *Attosecond Pulse Generation and Characterization*,
<http://search.proquest.com/docview/919557632>, ISBN: 9781267136848 (The Ohio State University).

Rezumate - Proceedings (cu ISBN sau ISSN)

1. G. Doumy, C. Blaga, F. Catoire, **R. Chirla**, P. Colosimo, I. Lachko, A.-M. March, C. Roedig, E. Sistrunk, J. Tate, J. Wheeler, H. G. Muller, P. Agostini and L. F. DiMauro, *Strong-field physics using mid-infrared lasers*, Proc. SPIE (San Jose, USA) **6460**, 64600P (2007). ISBN: 978-0-8194-6570-2, ISSN: 0277-786X. Nr. citări: 1
2. C. P. Hauri, C. I. Blaga, E. Power, J. Cryan, **R. Chirla**, P. Colosimo, G. Doumy, A. M. March, C. Roedig, E. Sistrunk, J. Tate, J. Wheeler, R. Lopez-Martens, K. D. Schultz, L. F. DiMauro, *Intense self-compressed carrier-envelope phase-locked few-cycle pulses at 2 μ m*, Conference on Lasers and Electro-Optics (Baltimore, USA), JWE4 (2007). ISBN: 978-1-55752-834-6.
3. C. P. Hauri, C. I. Blaga, E. Power, J. Cryan, **R. Chirla**, P. Colosimo, G. Doumy, A. M. March, C. Roedig, E. Sistrunk, J. Tate, J. Wheeler, R. Lopez-Martens, K. D. Schultz, L. F. DiMauro, *Intense self-compressed carrier-envelope phase-locked few-cycle pulses at 2 μ m*, European Conference on Lasers and Electro-Optics and the International Quantum Electronics Conference (Munich, Germany), 551 (2007). ISBN: 978-1-4244-0930-3 (ebook), ISBN: 978-1-4244-0930-3 (print).
4. G. Doumy, J. Wheeler, C. Blaga, F. Catoire, **R. Chirla**, P. Colosimo, A. M. March, P. Agostini and L. F. DiMauro, *The Frontiers of Atomic Physics*, Proc. XXI Int. Conf. At. Phys. (Connecticut, USA), 333 (2009). ISBN: 978-981-4468-05-3 (ebook), ISBN: 978-981-4271-99-8 (hardcover).
5. G. Doumy, J. Wheeler, E. Sistrunk, A. DiChiara, T. A. Miller, E. Power, A. M. March, F. Catoire, C. Blaga, I. Lachko, C. Roedig, **R. Chirla**, K. Krushelnick, P. Agostini and L. F. DiMauro, *High harmonic generation from long wavelength drivers*, Conference on Lasers and Electro Optics/The Pacific Rim (Shanghai, China), MB1.2 (2009). ISBN: 978-1-4244-3829-7.

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Semnătura