

Dr. Marko Robnik [11337]

Personal bibliography for the period 1978-2022

ARTICLES AND OTHER COMPONENT PARTS

1.01 Original scientific article

1. WANG, Qian, ROBNIK, Marko. Multifractality in quasienergy space of coherent states as a signature of quantum chaos. *Entropy*. 2021, iss. 10, art. 1347, str. 1-20, ilustr. ISSN 1099-4300. <https://www.mdpi.com/1099-4300/23/10/1347>. [COBISS.SI-ID [81221379](#)], [JCR, SNIP]
2. LOZEJ, Črt, LUKMAN, Dragan, ROBNIK, Marko. Fluctuating number of energy levels in mixed-type lemon billiards. *Physics*. 2021, 3, 4, str. 888-902. ISSN 2624-8174. <https://www.mdpi.com/2624-8174/3/4/55>, DOI: [10.3390/physics3040055](#). [COBISS.SI-ID [78873347](#)]
3. LOZEJ, Črt, LUKMAN, Dragan, ROBNIK, Marko. Classical and quantum mixed-type lemon billiards without stickiness. *Nonlinear phenomena in complex systems*. 2021, vol. 24, no. 1, str. 1-18. ISSN 1817-2458. <http://www.j-npcs.org/online/vol2021/v24no1p1.pdf>, DOI: [10.33581/1561-4085-2021-24-1-1-18](#). [COBISS.SI-ID [60934915](#)], [SNIP, WoS up to 18. 1. 2022: no. of citations (TC): 1, without self-citations (CI): 0, without self-citations per author (CIAu): 0,00]
4. LOZEJ, Črt, LUKMAN, Dragan, ROBNIK, Marko. Effects of stickiness in the classical and quantum ergodic lemon billiard. *Physical review. E*. 2021, vol. 103, issue 1, str. 1-12, graf. prikazi, tabele. ISSN 2470-0053. DOI: [10.1103/PhysRevE.103.012204](#). [COBISS.SI-ID [45756675](#)], [JCR, SNIP, WoS up to 22. 1. 2022: no. of citations (TC): 3, without self-citations (CI): 1, without self-citations per author (CIAu): 0,33, Scopus up to 17. 1. 2022: no. of citations (TC): 2, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67]
5. BATISTIĆ, Benjamin, LOZEJ, Črt, ROBNIK, Marko. The distribution of localization measures of chaotic eigenstates in the stadium billiard. *Nonlinear phenomena in complex systems*. 2020, vol. 23, no. 1, str. 17-32. ISSN 1817-2458. <http://www.j-npcs.org/abstracts/vol2020/v23no1/v23no1p17.html>. [COBISS.SI-ID [13655811](#)], [SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 4, without self-citations (CI): 1, without self-citations per author (CIAu): 0,33, Scopus up to 9. 8. 2021: no. of citations (TC): 4, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67]
6. WANG, Qian, ROBNIK, Marko. Statistical properties of the localization measure of chaotic eigenstates in the Dicke model. *Physical review. E*. 2020, vol. 102, issue 3, str. 0032212-1 - 032212-13, graf. prikazi, tabele. ISSN 2470-0053. DOI: [10.1103/PhysRevE.102.032212](#). [COBISS.SI-ID [28251907](#)], [JCR, SNIP, WoS up to 14. 11. 2021: no. of citations (TC): 8, without self-citations (CI): 6, without self-citations per author (CIAu): 3,00, Scopus up to 26. 11. 2021: no. of citations (TC): 8, without self-citations (CI): 7, without self-citations per author (CIAu): 3,50]
7. GRUBELNIK, Vladimir, LOGAR, Marjan, ROBNIK, Marko, XIA, Yong-Hui. Analysis of the parametrically periodically driven classical and quantum linear oscillator. *Physical review. E*. Feb. 2019, vol. 99, issue 2, str. 022209-1 - 022209-14, graf. prikazi, tabele. ISSN 2470-0053. DOI: [10.1103/PhysRevE.99.022209](#). [COBISS.SI-ID [96173569](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 2, without self-citations (CI): 2, without self-citations per author (CIAu): 0,50, Scopus up to 16. 3. 2021: no. of citations (TC): 2, without self-citations (CI): 2, without self-citations per author (CIAu): 0,50]
8. BATISTIĆ, Benjamin, LOZEJ, Črt, ROBNIK, Marko. Statistical properties of the localization measure of chaotic eigenstates and the spectral statistics in a mixed-type billiard. *Physical review. E*. 2019, issue 6, art. 062208, 13 str., graf. prikazi. ISSN 2470-0053. DOI: [10.1103/PhysRevE.100.062208](#). [COBISS.SI-ID [98013185](#)], [JCR, SNIP, WoS up to 14. 1. 2022: no. of citations (TC): 9, without self-citations (CI): 4, without self-citations per author (CIAu): 1,33,

- Scopus** up to 10. 1. 2022: no. of citations (TC): 8, without self-citations (CI): 4, without self-citations per author (CIAu): 1,33]
- 9.** BATISTIĆ, Benjamin, LOZEJ, Črt, ROBNIK, Marko. The level repulsion exponent of localized chaotic eigenstates as a function of the classical transport time scales in the stadium billiard. *Nonlinear phenomena in complex systems*. 2018, vol. 21, no. 3, str. 225-236. ISSN 1817-2458. <http://www.j-npcs.org/abstracts/vol2018no3.html>. [COBISS.SI-ID [95735297](#)], [SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 6, without self-citations (CI): 1, without self-citations per author (CIAu): 0,33, **Scopus** up to 9. 8. 2021: no. of citations (TC): 6, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67]
- 10.** LOZEJ, Črt, ROBNIK, Marko. Aspects of diffusion in the stadium billiard. *Physical review. E*. 12. jan. 2018, vol. 97, issue 1, str. 012206-1-012206-10, graf. prikazi, tabele. ISSN 2470-0053. <https://journals.aps.org/pre/pdf/10.1103/PhysRevE.97.012206>, DOI: [10.1103/PhysRevE.97.012206](https://doi.org/10.1103/PhysRevE.97.012206). [COBISS.SI-ID [93929473](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 6, without self-citations (CI): 2, without self-citations per author (CIAu): 1,00, **Scopus** up to 13. 3. 2021: no. of citations (TC): 6, without self-citations (CI): 2, without self-citations per author (CIAu): 1,00]
- 11.** LOZEJ, Črt, ROBNIK, Marko. Structure, size, and statistical properties of chaotic components in a mixed-type Hamiltonian system. *Physical review. E*. 2018, vol. 98, issue 2, str. 022220-1-022220-12, graf. prikazi, tabele. ISSN 2470-0053. DOI: [10.1103/PhysRevE.98.022220](https://doi.org/10.1103/PhysRevE.98.022220). [COBISS.SI-ID [95094529](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 6, without self-citations (CI): 4, without self-citations per author (CIAu): 2,00, **Scopus** up to 23. 3. 2021: no. of citations (TC): 6, without self-citations (CI): 4, without self-citations per author (CIAu): 2,00]
- 12.** ROBNIK, Marko. Recent results on time-dependent Hamiltonian oscillators. *The European physical journal. Special topics*. sep. 2016, vol. 225, iss. 6/7, str. 1087-1101. ISSN 1951-6355. [COBISS.SI-ID [89308673](#)], [JCR, SNIP, WoS up to 10. 8. 2020: no. of citations (TC): 1, without self-citations (CI): 1, without self-citations per author (CIAu): 1,00, **Scopus** up to 17. 3. 2021: no. of citations (TC): 1, without self-citations (CI): 1, without self-citations per author (CIAu): 1,00]
- 13.** MANOS, Thanos, ROBNIK, Marko. Studies of dynamical localization in a finite-dimensional model of the quantum kicked rotator. *Nonlinear phenomena in complex systems*. 2015, vol. 18, no. 3, str. 335-355. ISSN 1817-2458. <http://www.j-npcs.org/abstracts/vol2015/v18no3/v18no3p335.html>. [COBISS.SI-ID [85059329](#)], [SNIP, **Scopus** up to 10. 8. 2020: no. of citations (TC): 1, without self-citations (CI): 1, without self-citations per author (CIAu): 0,50]
- 14.** ROBNIK, Marko. Statistical properties of one-dimensional time-dependent Hamilton oscillators : from the parametrically adiabatic driving to the kicked systems. *Nonlinear phenomena in complex systems*. 2015, vol. 18, no. 3, str. 356-380. ISSN 1817-2458. <http://www.j-npcs.org/abstracts/vol2015/v18no3/v18no3p356.html>. [COBISS.SI-ID [85059841](#)], [SNIP, **Scopus** up to 10. 8. 2020: no. of citations (TC): 2, without self-citations (CI): 1, without self-citations per author (CIAu): 1,00]
- 15.** MANOS, Thanos, ROBNIK, Marko. Statistical properties of the localization measure in a finite-dimensional model of the quantum kicked rotator. *Physical review. E, Statistical, nonlinear and soft matter physics*. [Online ed.]. 2015, vol. 91, iss. 4, str. 042904-1 - 042904-11, graf. prikazi. ISSN 1550-2376. DOI: [10.1103/PhysRevE.91.042904](https://doi.org/10.1103/PhysRevE.91.042904). [COBISS.SI-ID [82151425](#)], [JCR, WoS up to 14. 12. 2021: no. of citations (TC): 7, without self-citations (CI): 2, without self-citations per author (CIAu): 1,00, **Scopus** up to 16. 1. 2022: no. of citations (TC): 8, without self-citations (CI): 3, without self-citations per author (CIAu): 1,50]
- 16.** ANDRESAS, Dimitris, ROBNIK, Marko. Statistical properties of the energy in time-dependent homogeneous power law potentials. *Journal of physics. A, Mathematical and theoretical*. 2014, vol. 47, issue 35, str. 355102-1 - 355102-10. ISSN 1751-8113. DOI: [10.1088/1751-8113/47/35/355102](https://doi.org/10.1088/1751-8113/47/35/355102). [COBISS.SI-ID [79388417](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 3, without self-citations (CI): 1, without self-citations per author (CIAu): 0,50, **Scopus** up to 27. 8. 2020: no. of citations (TC): 4, without self-citations (CI): 1, without self-citations per author (CIAu): 0,50]
- 17.** GRUBELNIK, Vladimir, LOGAR, Marjan, ROBNIK, Marko. Quantum Fermi acceleration in the resonant gaps of a periodically driven one-dimensional potential box. *Journal of physics. A, Mathematical and theoretical*. 2014, vol. 47, no. 35, str. 355103-1 - 355103-17. ISSN 1751-8113. DOI: [10.1088/1751-8113/47/35/355103](https://doi.org/10.1088/1751-8113/47/35/355103). [COBISS.SI-ID [18017814](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 3, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67, **Scopus** up to 10. 8. 2020: no. of citations (TC): 4, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67]

18. MANOS, Thanos, ROBNIK, Marko. Survey on the role of accelerator modes for anomalous diffusion : the case of the standard map. *Physical review. E, Statistical, nonlinear and soft matter physics*. [Online ed.]. 2014, vol. 89, iss. 2, str. 022905-1 - 022905-12, graf. prikazi. ISSN 1550-2376. DOI: [10.1103/PhysRevE.89.022905](https://doi.org/10.1103/PhysRevE.89.022905). [COBISS.SI-ID [77280257](https://www.cobiss.si/id/77280257)], [JCR, WoS up to 5. 12. 2021: no. of citations (TC): 26, without self-citations (CI): 24, without self-citations per author (CIAu): 12,00, Scopus up to 23. 1. 2022: no. of citations (TC): 28, without self-citations (CI): 25, without self-citations per author (CIAu): 12,50]
19. ANDRESAS, Dimitris, BATISTIĆ, Benjamin, ROBNIK, Marko. Statistical properties of one-dimensional parametrically kicked Hamilton systems. *Physical review. E, Statistical, nonlinear, and soft matter physics*. 2014, vol. 89, no. 6, str. 062927-1-062927-14, graf. prikazi. ISSN 1539-3755. DOI: [10.1103/PhysRevE.89.062927](https://doi.org/10.1103/PhysRevE.89.062927). [COBISS.SI-ID [78977281](https://www.cobiss.si/id/78977281)], [JCR, WoS up to 9. 8. 2021: no. of citations (TC): 5, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67, Scopus up to 10. 8. 2020: no. of citations (TC): 6, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67]
20. BATISTIĆ, Benjamin, MANOS, Thanos, ROBNIK, Marko. The intermediate level statistics in dynamically localized chaotic eigenstates. *Europhysics letters : EPL*. 2013, vol. 102, no. 5, str. 50008-1-50008-6. ISSN 0295-5075. http://iopscience.iop.org/0295-5075/102/5/50008/pdf/0295-5075_102_5_50008.pdf, DOI: [10.1209/0295-5075/102/50008](https://doi.org/10.1209/0295-5075/102/50008). [COBISS.SI-ID [74806017](https://www.cobiss.si/id/74806017)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 13, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67, Scopus up to 14. 1. 2022: no. of citations (TC): 15, without self-citations (CI): 3, without self-citations per author (CIAu): 1,00]
21. BATISTIĆ, Benjamin, ROBNIK, Marko. Dynamical localization of chaotic eigenstates in the mixed-type systems: spectral statistics in a billiard system after separation of regular and chaotic eigenstates. *Journal of physics. A, Mathematical and theoretical*. 2013, vol. 46, no. 31, str. 315102-1-315102-17. ISSN 1751-8113. http://iopscience.iop.org/1751-8121/46/31/315102/pdf/1751-8121_46_31_315102.pdf, DOI: [10.1088/1751-8113/46/31/315102](https://doi.org/10.1088/1751-8113/46/31/315102). [COBISS.SI-ID [75147009](https://www.cobiss.si/id/75147009)], [JCR, SNIP, WoS up to 9. 1. 2022: no. of citations (TC): 18, without self-citations (CI): 7, without self-citations per author (CIAu): 3,50, Scopus up to 13. 1. 2022: no. of citations (TC): 19, without self-citations (CI): 8, without self-citations per author (CIAu): 4,00]
22. MANOS, Thanos, ROBNIK, Marko. Dynamical localization in chaotic systems: spectral statistics and localization measure in the kicked rotator as a paradigm for time-dependent and time-independent systems. *Physical review. E, Statistical, nonlinear and soft matter physics*. [Online ed.]. 2013, vol. 87, iss. 6, str. 062905-1 - 062905-17, graf. prikazi. ISSN 1550-2376. <http://pre.aps.org/pdf/PRE/v87/i6/e062905>, DOI: [10.1103/PhysRevE.87.062905](https://doi.org/10.1103/PhysRevE.87.062905). [COBISS.SI-ID [74771713](https://www.cobiss.si/id/74771713)], [JCR, WoS up to 22. 12. 2021: no. of citations (TC): 26, without self-citations (CI): 13, without self-citations per author (CIAu): 6,50, Scopus up to 14. 12. 2021: no. of citations (TC): 27, without self-citations (CI): 13, without self-citations per author (CIAu): 6,50]
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24. OLIVEIRA, Diego Fregolente Mendes de, ROBNIK, Marko. Scaling invariance in a time-dependent elliptical billiard. *International journal of bifurcation and chaos in applied sciences and engineering*. 2012, vol. 22, no. 9, str. 1250207-1 - 1250207-7. ISSN 0218-1274. DOI: [10.1142/S0218127412502070](https://doi.org/10.1142/S0218127412502070). [COBISS.SI-ID [71806977](https://www.cobiss.si/id/71806977)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 11, without self-citations (CI): 10, without self-citations per author (CIAu): 5,00, Scopus up to 25. 10. 2020: no. of citations (TC): 6, without self-citations (CI): 6, without self-citations per author (CIAu): 3,00]
25. PAPAMIKOS, Georgios, ROBNIK, Marko. WKB approach applied to 1D time-dependent nonlinear Hamiltonian oscillators. *Journal of physics. A, Mathematical and theoretical*. 2012, vol. 45, no. 1, str. 015206-1 - 015206-11. ISSN 1751-8113. <http://iopscience.iop.org/1751-8121/45/1/015206/>, DOI: [10.1088/1751-8113/45/1/015206](https://doi.org/10.1088/1751-8113/45/1/015206). [COBISS.SI-ID [68382465](https://www.cobiss.si/id/68382465)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 3, without self-citations (CI): 1, without self-citations per author (CIAu): 0,50, Scopus up to 10. 8. 2020: no. of citations (TC): 5, without self-citations (CI): 2, without self-citations per author (CIAu): 1,00]

- 26.** PAPAMIKOS, Georgios, SOWDEN, Benjamin Choyce, ROBNIK, Marko. Dynamical statistical properties of piecewise linearly periodically modulated quartic oscillator. *Nonlinear phenomena in complex systems : an interdisciplinary journal*. 2012, vol. 15, no. 3, str. 227-240. ISSN 1561-4085. [COBISS.SI-ID [72962049](#)], [SNIP]
- 27.** OLIVEIRA, Diego Fregolente Mendes de, ROBNIK, Marko, LEONEL, Edson D. Statistical properties of a dissipative kicked system: critical exponents and scaling invariance. *Physics letters. Section A*. [Print ed.]. 2012, vol. 376, issue 5, str. 723-728. ISSN 0375-9601. <http://www.sciencedirect.com/science/article/pii/S0375960111014976>, DOI: [10.1016/j.physleta.2011.07.045](#). [COBISS.SI-ID [70483201](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 7, without self-citations (CI): 7, without self-citations per author (CIAu): 2,33, Scopus up to 22. 9. 2021: no. of citations (TC): 8, without self-citations (CI): 8, without self-citations per author (CIAu): 2,67]
- 28.** OLIVIERA, M., ROBNIK, Marko, LEONEL, Edson D. Dynamical properties of a particle in a wave packet : scaling invariance and boundary crisis. *Chaos, solitons and fractals*. [Print ed.]. 2011, vol. 44, iss. 10, str. 883-890, graf. prikazi. DOI: [10.1016/j.chaos.2011.07.001](#). [COBISS.SI-ID [68015105](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 4, without self-citations (CI): 3, without self-citations per author (CIAu): 1,00, Scopus up to 22. 9. 2021: no. of citations (TC): 5, without self-citations (CI): 5, without self-citations per author (CIAu): 1,67]
- 29.** OLIVIERA, M., ROBNIK, Marko, LEONEL, Edson D. Shrimp-shape domains in a dissipative kicked rotator. *Chaos*. 2011, vol. 21, iss. 4, str. 043122-1 - 043122-6, graf. prikazi. ISSN 1054-1500. DOI: [10.1063/1.3657917](#). [COBISS.SI-ID [68014593](#)], [JCR, SNIP, WoS up to 4. 12. 2021: no. of citations (TC): 20, without self-citations (CI): 19, without self-citations per author (CIAu): 6,33, Scopus up to 10. 1. 2022: no. of citations (TC): 23, without self-citations (CI): 22, without self-citations per author (CIAu): 7,33]
- 30.** PAPAMIKOS, Georgios, ROBNIK, Marko. Statistical properties of 1D time-dependent Hamiltonian systems: from the adiabatic limit to the parametrically kicked systems. *Journal of physics. A, Mathematical and theoretical*. 2011, vol. 44, str. 315102-1 - 315102-29. ISSN 1751-8113. <http://iopscience.iop.org/1751-8121/44/31/315102/>, DOI: [10.1088/1751-8113/44/31/315102](#). [COBISS.SI-ID [67549697](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 10, without self-citations (CI): 4, without self-citations per author (CIAu): 2,00, Scopus up to 10. 8. 2020: no. of citations (TC): 12, without self-citations (CI): 4, without self-citations per author (CIAu): 2,00]
- 31.** BATISTIĆ, Benjamin, ROBNIK, Marko. Fermi acceleration in time-dependent billiards: theory of the velocity diffusion in conformally breathing fully chaotic billiards. *Journal of physics. A, Mathematical and theoretical*. 2011, vol. 44, str. 365101-1 - 365101-21. ISSN 1751-8113. <http://iopscience.iop.org/1751-8121/44/36/365101/>, DOI: [10.1088/1751-8113/44/36/365101](#). [COBISS.SI-ID [67549185](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 20, without self-citations (CI): 12, without self-citations per author (CIAu): 6,00, Scopus up to 6. 11. 2021: no. of citations (TC): 20, without self-citations (CI): 12, without self-citations per author (CIAu): 6,00]
- 32.** OLIVEIRA, Diego Fregolente Mendes de, ROBNIK, Marko. In-flight dissipation as a mechanism to suppress Fermi acceleration. *Physical review. E, Statistical, nonlinear, and soft matter physics*. 2011, vol. 83, issue 2, str. 026202-1 - 026202-5. ISSN 1539-3755. DOI: [10.1103/PhysRevE.83.026202](#). [COBISS.SI-ID [66907905](#)], [JCR, WoS up to 11. 1. 2022: no. of citations (TC): 28, without self-citations (CI): 22, without self-citations per author (CIAu): 11,00, Scopus up to 11. 1. 2022: no. of citations (TC): 27, without self-citations (CI): 22, without self-citations per author (CIAu): 11,00]
- 33.** OLIVEIRA, Diego Fregolente Mendes de, LEONEL, Edson D., ROBNIK, Marko. Boundary crisis and transient in a dissipative relativistic standard map. *Physics letters. Section A*. [Print ed.]. 2011, vol. 375, issue 38, str. 3365-3369. ISSN 0375-9601. <http://www.sciencedirect.com/science/article/pii/S0375960111009170>, DOI: [10.1016/j.physleta.2011.07.045](#). [COBISS.SI-ID [67548673](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 7, without self-citations (CI): 7, without self-citations per author (CIAu): 2,33, Scopus up to 20. 9. 2021: no. of citations (TC): 9, without self-citations (CI): 9, without self-citations per author (CIAu): 3,00]
- 34.** BATISTIĆ, Benjamin, ROBNIK, Marko. Semiempirical theory of level spacing distribution beyond the Berry-Robnik regime : modeling the localization and the tunneling effects. *Journal of physics. A, Mathematical and theoretical*. 2010, issue 21, vol. 43, str. 215101-1-215101-28. ISSN 1751-8113. DOI: [10.1088/1751-8113/43/21/215101](#). [COBISS.SI-ID [64947713](#)], [JCR, SNIP, WoS up to 22. 1. 2022: no. of citations (TC): 29, without self-citations (CI): 13, without self-citations per author (CIAu): 6,50, Scopus up to 14. 1. 2022: no. of citations (TC): 30, without self-citations (CI): 14, without self-citations per author (CIAu): 7,00]
- 35.** ROBNIK, Marko, DAVID, Helena May, VIDMAR, Gregor, ROMANOVSKI, Valery. Numerical studies of non-gaussian real symmetric random matrices : confirmation of the Brezin-Zee-Hackenbroich-Weidenmüller Theory.

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- 36.** BÄCKER, A., KETZMERICK, R., LÖCK, S., ROBNIK, Marko, VIDMAR, Gregor, HÖHMANN, Ruven, KUHL, Ulrich, STÖCKMANN, Hans-Jürgen, et al. Dynamical tunneling in mushroom billiards. *Physical review letters*. [Print ed.]. 2008, 100, str. 174103-1 - 174103-4. ISSN 0031-9007. [COBISS.SI-ID [60794881](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 66, without self-citations (CI): 62, without self-citations per author (CIAu): 7,75, Scopus up to 29. 12. 2021: no. of citations (TC): 71, without self-citations (CI): 68, without self-citations per author (CIAu): 8,50]
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- 99.** PROSEN, Tomaž, ROBNIK, Marko. Energy level statistics and localization in sparsely banded random matrix ensemble. *Journal of physics. A, Mathematical and general*. 1993, vol. 26, str. 1105-1114. ISSN 0305-4470. [COBISS.SI-ID [39037697](#)], [JCR, WoS up to 20. 1. 2022: no. of citations (TC): 37, without self-citations (CI): 23, without self-citations per author (CIAu): 11,50, Scopus up to 24. 11. 2021: no. of citations (TC): 38, without self-citations (CI): 22, without self-citations per author (CIAu): 11,00]
- 100.** PROSEN, Tomaž, ROBNIK, Marko. Energy level statistics in the transition region between integrability and chaos. *Journal of physics. A, Mathematical and general*. 1993, vol. 26, str. 2371-2387. ISSN 0305-4470. [COBISS.SI-ID [39123969](#)], [JCR, WoS up to 9. 8. 2021: no. of citations (TC): 98, without self-citations (CI): 64, without self-citations per author (CIAu): 32,00, Scopus up to 18. 10. 2021: no. of citations (TC): 103, without self-citations (CI): 67, without self-citations per author (CIAu): 33,50]
- 101.** PROSEN, Tomaž, ROBNIK, Marko. Survey of the eigenfunctions of a billiard system between integrability and chaos. *Journal of physics. A, Mathematical and general*. 1993, vol. 26, str. 5365-5373. ISSN 0305-4470. [COBISS.SI-ID [39124225](#)], [JCR, WoS up to 9. 8. 2021: no. of citations (TC): 23, without self-citations (CI): 16, without self-citations

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- 105.** PROSEN, Tomaž, ROBNIK, Marko. Energy transport and detailed verification of Fourier heat law in a chain of colliding harmonic oscillators. *Journal of physics. A, Mathematical and general*. 1992, vol. 25, str. 3449-3472. ISSN 0305-4470. [COBISS.SI-ID [39036161](#)], [JCR, [WoS](#) up to 3. 12. 2021: no. of citations (TC): 88, without self-citations (CI): 84, without self-citations per author (CIAu): 42,00, [Scopus](#) up to 7. 12. 2021: no. of citations (TC): 99, without self-citations (CI): 95, without self-citations per author (CIAu): 47,50]
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without self-citations per author (CIAu): 59,50, [Scopus](#) up to 10. 11. 2020: no. of citations (TC): 147, without self-citations (CI): 127, without self-citations per author (CIAu): 63,50]

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119. NEPVEU, Manuel, ROBNIK, Marko. Some evolutionary consequences of shock-induced star formation. *Astronomy & astrophysics*. 1984, 138, str. 201-204. ISSN 0004-6361. [COBISS.SI-ID [39076609](#)], [[JCR](#), [SNIP](#), [WoS](#) up to 10. 8. 2020: no. of citations (TC): 4, without self-citations (CI): 4, without self-citations per author (CIAu): 2,00]

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122. BERRY, Michael V., ROBNIK, Marko. Semiclassical level spacing when regular and chaotic orbits coexist. *Journal of physics. A, Mathematical and general*. 1984, vol. 17, str. 2413-2421. ISSN 0305-4470. [COBISS.SI-ID [39018497](#)], [[JCR](#), [WoS](#) up to 16. 1. 2022: no. of citations (TC): 488, without self-citations (CI): 438, without self-citations per author (CIAu): 219,00, [Scopus](#) up to 13. 1. 2022: no. of citations (TC): 491, without self-citations (CI): 444, without self-citations per author (CIAu): 222,00]

- 123.** ROBNIK, Marko, KUNDT, Wolfgang. Hydrogen at high pressures and temperatures. *Astronomy & astrophysics*. 1983, 120, str. 227-233. ISSN 0004-6361. [COBISS.SI-ID [39075841](#)], [JCR, SNIP, WoS up to 10. 8. 2020: no. of citations (TC): 31, without self-citations (CI): 31, without self-citations per author (CIAu): 15,50]
- 124.** ROBNIK, Marko. Classical dynamics of a family of billiards with analytic boundaries. *Journal of physics. A, Mathematical and general*. 1983, vol. 16, str. 3971-3986. ISSN 0305-4470. [COBISS.SI-ID [38997505](#)], [JCR, WoS up to 14. 12. 2021: no. of citations (TC): 185, without self-citations (CI): 137, without self-citations per author (CIAu): 137,00, Scopus up to 3. 1. 2022: no. of citations (TC): 198, without self-citations (CI): 153, without self-citations per author (CIAu): 153,00]
- 125.** WANG, Yi-Ming, ROBNIK, Marko. Changing orientation of dipole and spin axes in binary X-ray pulsars. *Astronomy & astrophysics*. 1982, 107, str. 222-228. ISSN 0004-6361. [COBISS.SI-ID [39074561](#)], [JCR, SNIP, WoS up to 10. 8. 2020: no. of citations (TC): 8, without self-citations (CI): 8, without self-citations per author (CIAu): 4,00]
- 126.** ROBNIK, Marko. Hydrogen atom in a strong magnetic field: on the existence of the third integral of motion. *Journal of physics. A, Mathematical and general*. 1981, vol. 14, str. 3195-3216. ISSN 0305-4470. [COBISS.SI-ID [38997249](#)], [JCR, WoS up to 28. 5. 2021: no. of citations (TC): 104, without self-citations (CI): 73, without self-citations per author (CIAu): 73,00, Scopus up to 25. 11. 2021: no. of citations (TC): 96, without self-citations (CI): 71, without self-citations per author (CIAu): 71,00]
- 127.** KUNDT, Wolfgang, ROBNIK, Marko. Dipole confined by a disc. *Astronomy & astrophysics*. 1980, 91, str. 305-310. ISSN 0004-6361. [COBISS.SI-ID [39073793](#)], [JCR, SNIP, WoS up to 30. 8. 2020: no. of citations (TC): 26, without self-citations (CI): 25, without self-citations per author (CIAu): 12,50]
- 128.** KUŠČER, Ivan, ROBNIK, Marko. Semi-microscopic description of evaporation and condensation. *Journal of physics. A, Mathematical and general*. 1980, vol. 13, str. 621-627. ISSN 0305-4470. [COBISS.SI-ID [38994945](#)], [JCR, WoS up to 9. 8. 2021: no. of citations (TC): 5, without self-citations (CI): 3, without self-citations per author (CIAu): 1,50, Scopus up to 3. 12. 2019: no. of citations (TC): 4, without self-citations (CI): 3, without self-citations per author (CIAu): 1,50]
- 129.** ROBNIK, Marko. Wave propagation in a random stratified medium. *Journal of physics. A, Mathematical and general*. 1980, vol. 13, str. 111-113. ISSN 0305-4470. [COBISS.SI-ID [38994433](#)], [JCR]
- 130.** ROBNIK, Marko. An extremum property of the n-dimensional sphere. *Journal of physics. A, Mathematical and general*. 1980, vol. 13, str. 1349-1351. ISSN 0305-4470. [COBISS.SI-ID [38996481](#)], [JCR, WoS up to 10. 8. 2020: no. of citations (TC): 2, without self-citations (CI): 0, without self-citations per author (CIAu): 0,00, Scopus up to 10. 8. 2020: no. of citations (TC): 3, without self-citations (CI): 1, without self-citations per author (CIAu): 1,00]
- 131.** ROBNIK, Marko. On adiabatic invariants and continuous large-scale deformations of QM energy spectra. *Physics letters. Section A*. [Print ed.]. 1980, vol. 80a, no. 2,3, str. 117-120. ISSN 0375-9601. [COBISS.SI-ID [39088129](#)], [JCR, SNIP, WoS up to 10. 8. 2020: no. of citations (TC): 5, without self-citations (CI): 3, without self-citations per author (CIAu): 3,00]
- 132.** ROBNIK, Marko, KUŠČER, Ivan, LANG, Heinz. Influence of evaporation and condensation upon sound reflection. *International journal of heat and mass transfer*. [Print ed.]. 1979, vol. 22, str. 461-467. ISSN 0017-9310. [COBISS.SI-ID [39087873](#)], [JCR, SNIP, WoS up to 9. 8. 2021: no. of citations (TC): 5, without self-citations (CI): 2, without self-citations per author (CIAu): 0,67, Scopus up to 3. 12. 2019: no. of citations (TC): 8, without self-citations (CI): 5, without self-citations per author (CIAu): 1,67]
- 133.** ROBNIK, Marko. Matrix treatment of wave propagation in stratified media. *Journal of physics. A, Mathematical and general*. 1979, vol. 12, no. 1, str. 151-158. ISSN 0305-4470. [COBISS.SI-ID [38990849](#)], [JCR, WoS up to 10. 8. 2020: no. of citations (TC): 4, without self-citations (CI): 2, without self-citations per author (CIAu): 2,00, Scopus up to 10. 8. 2020: no. of citations (TC): 4, without self-citations (CI): 2, without self-citations per author (CIAu): 2,00]
- 134.** ROBNIK, Marko. Reflection from an asymmetric inhomogeneous medium. *Journal of physics. A, Mathematical and general*. 1979, vol. 12, no. 5, str. 193-195. ISSN 0305-4470. [COBISS.SI-ID [38992385](#)], [JCR]
- 135.** ROBNIK, Marko. A matrix approach to the study of wave propagation. *Journal of physics. A, Mathematical and general*. 1979, vol. 12, no. 8, str. 1175-1180. ISSN 0305-4470. [COBISS.SI-ID [38993665](#)], [JCR, WoS up to 10. 8.

2020: no. of citations (TC): 6, without self-citations (CI): 5, without self-citations per author (CIAu): 5,00, [Scopus](#) up to 10. 8. 2020: no. of citations (TC): 6, without self-citations (CI): 5, without self-citations per author (CIAu): 5,00]

1.02 Review article

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137. ROBNIK, Marko. Recent developments in the energy level statistics in generic systems between integrability and chaos. *Chaos, solitons and fractals*. [Print ed.]. 1995, vol. 5, no. 7, str. 1195-1218. [COBISS.SI-ID [39089665](#)], [JCR, SNIP, WoS up to 30. 8. 2020: no. of citations (TC): 2, without self-citations (CI): 2, without self-citations per author (CIAu): 2,00, [Scopus](#) up to 11. 10. 2020: no. of citations (TC): 4, without self-citations (CI): 4, without self-citations per author (CIAu): 4,00]

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1.04 Professional article

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