

Yuriy Tarasov

List of Publications by Year in descending order

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14
papers

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1937685

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A method of effective potentials for calculating the frequency spectrum of eccentrically layered spherical cavity resonators. <i>Journal of Electromagnetic Waves and Applications</i> , 2020, 34, 802-824. | 1.6 | 1 |
| 2 | Plasmon-polaritons on a surface with fluctuating impedance: Scattering, localization, stability. <i>Low Temperature Physics</i> , 2016, 42, 685-697. | 0.6 | 2 |
| 3 | Microwave Modeling of Active Nanoelectron System with Random Imperfections. , 2006, , . | | 0 |
| 4 | Single-particle scenario of the metal-insulator transition in two-dimensional systems at $T=0$. <i>Low Temperature Physics</i> , 2003, 29, 45-54. | 0.6 | 5 |
| 5 | 'Unusual' metals in two dimensions: one-particle model of the metal-insulator transition at $T = 0$. <i>Journal of Physics Condensed Matter</i> , 2002, 14, L357-L363. | 1.8 | 3 |
| 6 | Elastic scattering as a cause of quantum dephasing: the conductance of two-dimensional imperfect conductors. <i>Waves in Random and Complex Media</i> , 2000, 10, 395-415. | 1.5 | 19 |
| 7 | Conductance of two-dimensional imperfect conductors: does the elastic scattering preclude localization at $T=0$? <i>Journal of Physics Condensed Matter</i> , 1999, 11, L437-L443. | 1.8 | 1 |
| 8 | Conductance of a single-mode electron waveguide with statistically identical rough boundaries. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 1523-1537. | 1.8 | 23 |
| 9 | Low-temperature conductivity of one-dimensional disordered metals: Adiabatic approximation for the electron-phonon interaction. <i>Physical Review B</i> , 1992, 45, 8873-8886. | 3.2 | 2 |
| 10 | Localization of pulse signal in randomly layered medium. <i>Radiophysics and Quantum Electronics</i> , 1992, 35, 170-173. | 0.5 | 0 |
| 11 | The point-source field in a random-laminar medium II. Energy characteristics. <i>Radiophysics and Quantum Electronics</i> , 1989, 32, 1106-1112. | 0.5 | 2 |
| 12 | A theory of sound propagation in disordered one-dimensional metals. <i>Physics Reports</i> , 1988, 165, 189-274. | 25.6 | 8 |
| 13 | Geometrical resonance of the Rayleigh sound wave absorption as a method for direct measurements of the electron specular reflection coefficient from the metal surface. <i>Solid State Communications</i> , 1975, 16, 425-429. | 1.9 | 1 |
| 14 | The absorption of rayleigh's sound waves in metals in a parallel magnetic field. <i>Solid State Communications</i> , 1973, 12, 1247-1251. | 1.9 | 1 |