

# Yuriy Tarasov

## List of Publications by Year in descending order

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14  
papers

68  
citations

1937685  
4  
h-index

1588992  
8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

17  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A theory of sound propagation in disordered one-dimensional metals. <i>Physics Reports</i> , 1988, 165, 189-274.	25.6	8
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	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
7	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
8	Plasmon-polaritons on a surface with fluctuating impedance: Scattering, localization, stability. <i>Low Temperature Physics</i> , 2016, 42, 685-697.	0.6	2
9	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
10	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
11	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
12	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
13	Localization of pulse signal in randomly layered medium. <i>Radiophysics and Quantum Electronics</i> , 1992, 35, 170-173.	0.5	0
14	Microwave Modeling of Active Nanoelectron System with Random Imperfections. , 2006, , .		0