

Erik O Shalenov

List of Publications by Year in descending order

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papers

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all docs

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docs citations

21
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic interaction potential and the scattering cross sections of the semiclassical plasma particles. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	34
2	Scattering cross sections of the particles in the partially ionized dense nonideal plasmas. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	20
3	Insights on Desired Fabrication Factors from Modeling Sandwich and Quasi-Interdigitated Back-Contact Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 1093-1107.	5.1	19
4	Performance optimization of back-contact perovskite solar cells with quasi-interdigitated electrodes. <i>Solar Energy</i> , 2020, 205, 102-108.	6.1	15
5	Elastic scattering of low energy electrons in partially ionized dense semiclassical plasma. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	12
6	Performance evaluation of different designs of back-contact perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2022, 234, 111426.	6.2	11
7	Dynamical conductivity of the dense semiclassical plasmas on the basis of the effective potential. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	10
8	Optical reflectivity based on the effective interaction potentials of xenon plasma. <i>Contributions To Plasma Physics</i> , 2017, 57, 486-492.	1.1	9
9	Influence of dynamic screening on the conductivity of hydrogen plasma including electron-electron collisions. <i>Contributions To Plasma Physics</i> , 2019, 59, e201900024.	1.1	8
10	Phase Shifts and Scattering Cross Sections of the Particles of Non-Ideal Semiclassical Plasmas Based on the Dynamic Interaction Potential. <i>Contributions To Plasma Physics</i> , 2015, 55, 230-235.	1.1	7
11	Electron runaway in a dense semiclassical plasma. <i>High Energy Density Physics</i> , 2020, 36, 100832.	1.5	7
12	Fabrication of Flexible Quasi-Interdigitated Back-Contact Perovskite Solar Cells. <i>Energies</i> , 2022, 15, 3056.	3.1	6
13	Kinetic ionization and recombination coefficients in the dense semiclassical plasmas on the basis of the effective interaction potential. <i>Journal of Physics: Conference Series</i> , 2019, 1400, 077035.	0.4	4
14	Effect of dynamic screening on the electron capture process in nonideal plasma. <i>Journal of Physics: Conference Series</i> , 2019, 1385, 012031.	0.4	4
15	Electron-atom interactions in dense semiclassical helium plasma. <i>Physics of Plasmas</i> , 2022, 29, 012101.	1.9	3
16	On plasma neutralization of the ion beam. <i>Journal of Physics: Conference Series</i> , 2020, 1697, 012209.	0.4	2
17	Study of the electron-atom collisions in dense semiclassical plasma of noble gases. <i>Journal of Plasma Physics</i> , 2022, 88, .	2.1	1
18	Effective interaction potentials and the scattering cross sections of the Lorentzian dense semiclassical plasma particles. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 447, 128313.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Bound states of the hydrogen atom in high-density plasmas. Contributions To Plasma Physics, 0, , .	1.1	0
20	Bound states of the hydrogen atom in high-density plasmas. Contributions To Plasma Physics, 0, , .	1.1	0
21	Coulomb logarithm and the Dreicer field in a dense semiclassical plasma. Contributions To Plasma Physics, 0, , .	1.1	0