

# Erik O Shalenov

## List of Publications by Year in descending order

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docs citations

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times ranked

93  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation of different designs of back-contact perovskite solar cells. Solar Energy Materials and Solar Cells, 2022, 234, 111426.	6.2	11
2	Electron-atom interactions in dense semiclassical helium plasma. Physics of Plasmas, 2022, 29, 012101.	1.9	3
3	Study of the electron-atom collisions in dense semiclassical plasma of noble gases. Journal of Plasma Physics, 2022, 88, .	2.1	1
4	Fabrication of Flexible Quasi-Interdigitated Back-Contact Perovskite Solar Cells. Energies, 2022, 15, 3056.	3.1	6
5	Effective interaction potentials and the scattering cross sections of the Lorentzian dense semiclassical plasma particles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 447, 128313.	2.1	1
6	Insights on Desired Fabrication Factors from Modeling Sandwich and Quasi-Interdigitated Back-Contact Perovskite Solar Cells. ACS Applied Energy Materials, 2021, 4, 1093-1107.	5.1	19
7	Electron-atom interactions in dense semiclassical helium plasma. Physics of Plasmas, 2020, 27, 012101.	1.9	3
8	Electron runaway in a dense semiclassical plasma. High Energy Density Physics, 2020, 36, 100832.	1.5	7
9	Performance optimization of back-contact perovskite solar cells with quasi-interdigitated electrodes. Solar Energy, 2020, 205, 102-108.	6.1	15
10	On plasma neutralization of the ion beam. Journal of Physics: Conference Series, 2020, 1697, 012209.	0.4	2
11	Influence of dynamic screening on the conductivity of hydrogen plasma including electron-electron collisions. Contributions To Plasma Physics, 2019, 59, e201900024.	1.1	8
12	Kinetic ionization and recombination coefficients in the dense semiclassical plasmas on the basis of the effective interaction potential. Journal of Physics: Conference Series, 2019, 1400, 077035.	0.4	4
13	Effect of dynamic screening on the electron capture process in nonideal plasma. Journal of Physics: Conference Series, 2019, 1385, 012031.	0.4	4
14	Dynamical conductivity of the dense semiclassical plasmas on the basis of the effective potential. Physics of Plasmas, 2018, 25, .	1.9	10
15	Scattering cross sections of the particles in the partially ionized dense nonideal plasmas. Physics of Plasmas, 2017, 24, .	1.9	20
16	Optical reflectivity based on the effective interaction potentials of xenon plasma. Contributions To Plasma Physics, 2017, 57, 486-492.	1.1	9
17	Elastic scattering of low energy electrons in partially ionized dense semiclassical plasma. Physics of Plasmas, 2015, 22, .	1.9	12
18	Phase Shifts and Scattering Cross Sections of the Particles of Nonideal Semiclassical Plasmas Based on the Dynamic Interaction Potential. Contributions To Plasma Physics, 2015, 55, 230-235.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Dynamic interaction potential and the scattering cross sections of the semiclassical plasma particles. Physics of Plasmas, 2013, 20, .	1.9	34
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