

Andrey S Kuratov

List of Publications by Year in descending order

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1937685

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docs citations

15
times ranked

57
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz radiation in laser-induced charge separation in the irradiated plasma target. Quantum Electronics, 2016, 46, 1023-1030.	1.0	14
2	Laser-induced thermoelectric current as a source of generation of THz surface electromagnetic waves. Quantum Electronics, 2018, 48, 653-657.	1.0	7
3	Ultrafast target charging due to polarization triggered by laser-accelerated electrons. Physical Review E, 2020, 102, 021202.	2.1	7
4	Separation of ions on the front of a shock wave in a multicomponent plasma. JETP Letters, 2016, 103, 238-243.	1.4	6
5	Domains of existence and asymptotics of complex periodic solutions of the stationary nonlinear Schrödinger equation. Quantum Electronics, 2008, 38, 144-148.	1.0	3
6	Laser-triggered fast charge-separation field generates a strong surface current and wave. Plasma Physics and Controlled Fusion, 2020, 62, 094003.	2.1	3
7	The Kuramoto-Sivashinsky equation for adatoms interacting through quasi-Rayleigh waves and formation of ordered adatom structures. European Physical Journal B, 2013, 86, 1.	1.5	2
8	Modeling of Laser Generation and Propagation of Electron Bunch Along Thin Irradiated Wire. Bulletin of the Lebedev Physics Institute, 2018, 45, 346-349.	0.6	2
9	Laser induced THz Sommerfeld waves along metal wire. EPJ Web of Conferences, 2018, 195, 03002.	0.3	2
10	Degenerate parametric decay and second harmonic generation of quasistatic surface defect-deformational waves and bimodal nanoparticle size distributions. European Physical Journal B, 2013, 86, 1.	1.5	1
11	Differential visualisation of a spectrally selective structure of strongly scattering objects. Quantum Electronics, 2014, 44, 652-656.	1.0	1
12	Terahertz electromagnetic wave generation by high-intensity laser pulse along metal surfaces. , 2016, , .		0
13	Laser triggered radiation sources (from terahertz radiation to gamma-rays). , 2018, , .		0
14	Generation of terahertz electromagnetic wave by high-intensity laser pulse interaction with solid targets. , 2018, , .		0
15	Strong terahertz electromagnetic wave generation due to intense laser-plasma interaction mechanisms. , 2019, , .		0