

Eduard G Fedorov

List of Publications by Year in descending order

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9
papers

143
citations

1307594
7
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1588992
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9
all docs

9
docs citations

9
times ranked

39
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional electromagnetic breathers in carbon nanotubes with the field inhomogeneity along their axes. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	63
2	Collisions of three-dimensional bipolar optical solitons in an array of carbon nanotubes. <i>Physical Review A</i> , 2016, 94, .	2.5	22
3	Interaction of a two-dimensional electromagnetic pulse with an electron inhomogeneity in an array of carbon nanotubes in the presence of field inhomogeneity. <i>European Physical Journal D</i> , 2015, 69, 1.	1.3	14
4	Propagation of three-dimensional bipolar ultrashort electromagnetic pulses in an inhomogeneous array of carbon nanotubes. <i>Physical Review A</i> , 2018, 97, .	2.5	11
5	Stabilization of ultrashort pulses by external pumping in an array of carbon nanotubes subject to piezoelectric effects. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	10
6	Asymptotic dynamics of three-dimensional bipolar ultrashort electromagnetic pulses in an array of semiconductor carbon nanotubes. <i>Optics Express</i> , 2019, 27, 27592.	3.4	10
7	Physical Model for Stabilization and Repair of Trans-endothelial Apertures. <i>Biophysical Journal</i> , 2017, 112, 388-397.	0.5	8
8	External light control of three-dimensional ultrashort far-infrared pulses in an inhomogeneous array of carbon nanotubes. <i>Physical Review B</i> , 2021, 103, .	3.2	5
9	Peculiarities of extremely short optical pulses propagation in carbon nanotube medium with nonlinear absorption. <i>Modern Physics Letters B</i> , 2020, 34, 2050358.	1.9	0