

Dmitry Tkachenko

List of Publications by Year in descending order

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18
papers

108
citations

1684188

5
h-index

1281871

11
g-index

18
all docs

18
docs citations

18
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence at the axial centers of CdP2-D48 crystals. Heliyon, 2018, 4, e00866.	3.2	0
2	Determination of gyrotropic characteristics in tetragonal zinc and cadmium diphosphide crystals. Technical Physics, 2016, 61, 1383-1388.	0.7	0
3	Transition from single-file to two-dimensional diffusion of interacting particles in a quasi-one-dimensional channel. Physical Review E, 2012, 85, 031147.	2.1	46
4	Dispersion relations for circular single and double dusty plasma chains. Physics of Plasmas, 2011, 18, 103709.	1.9	8
5	Effect of correlated noise on quasi-one-dimensional diffusion. Physical Review E, 2010, 82, 051102.	2.1	14
6	10.1007/s11449-008-1015-z. , 2010, 104, 106.		0
7	Dynamics of colloids in a narrow channel driven by a nonuniform force. Physical Review E, 2009, 80, 051401.	2.1	16
8	Dynamics of Stimulated Atomic-Molecular Raman Conversion in a Bose-Einstein Condensate. Journal of Nanoelectronics and Optoelectronics, 2009, 4, 101-117.	0.5	6
9	The role of elastic interparticle interactions in the dynamics of raman atom-molecule conversion in a Bose condensate. Technical Physics Letters, 2008, 34, 946-949.	0.7	1
10	Features of long-term relaxation of capacitance in rectifying structures based on n-ZnP2. Semiconductors, 2008, 42, 662-668.	0.5	1
11	Influence of electric field on the photoelectric effect in a Schottky barrier based on n-type cadmium diphosphide. Semiconductors, 2008, 42, 1062-1068.	0.5	1
12	Features of dynamics of stimulated atomic-molecular Raman conversion in a Bose-Einstein condensate. Journal of Experimental and Theoretical Physics, 2007, 104, 379-395.	0.9	2
13	<title>Autler-Townes splitting of excitons and biexcitons in semiconductors</title>. , 2006, 6259, 66.		0
14	Dynamics of stimulated Raman atom-molecule conversion in a Bose-Einstein condensate. JETP Letters, 2006, 83, 91-94.	1.4	2
15	Effect of the levels of intrinsic defects in the CdP2 band gap on electrical characteristics of corresponding structures with the Schottky barrier. Semiconductors, 2006, 40, 1165-1172.	0.5	4
16	Optical properties of semiconductors under strong pumping in the M-band region and two-photon probing of the biexciton state. Physics of the Solid State, 2002, 44, 804-810.	0.6	5
17	Characteristic features of the steady-state transmission (reflection) by a thin semiconductor film in the exciton part of the spectrum. Quantum Electronics, 1999, 29, 542-545.	1.0	1
18	Nonlinear excitonic susceptibilities of semiconductors at high levels of excitation. , 1998, 3405, 406.		1