

Andrey Altukhov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

139
citations

1684188

5
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the optical density of wastewater by means of a diamond UV photodetector. Russian Engineering Research, 2017, 37, 273-275.	0.6	7
2	Selective detector of cosmic particles based on diamond sensitive elements. Journal of Physics: Conference Series, 2016, 675, 042027.	0.4	2
3	The properties of photoconductivity of the IIa-type diamond related to the band gap structure. Journal of Physics: Conference Series, 2016, 741, 012099.	0.4	0
4	Development of a Diamond Ultraviolet Photodetector. Measurement Techniques, 2016, 59, 41-45.	0.6	1
5	A single-element diamond-based photodetector for UV spectrophotometry. Journal of Communications Technology and Electronics, 2016, 61, 449-452.	0.5	3
6	An UV-range photodetector based on a diamond photosensor. Automation and Remote Control, 2013, 74, 282-287.	0.8	2
7	Homoepitaxial single crystal diamond grown on natural diamond seeds (type IIa) with boron-implanted layer demonstrating the highest mobility of 1150cm ² /Vs at 300K for ion-implanted diamond. Diamond and Related Materials, 2011, 20, 1243-1245.	3.9	5
8	Characterization of single-crystal diamond grown from the vapor phase on substrates of natural diamond. Semiconductors, 2011, 45, 392-396.	0.5	8
9	A 128 Å— 128 pixel ultraviolet photodetector based on a diamond sensor. Journal of Communications Technology and Electronics, 2010, 55, 716-719.	0.5	1
10	Diamond-based photosensitive matrix elements for the UV range. Journal of Communications Technology and Electronics, 2008, 53, 941-945.	0.5	3
11	Solar-blind UV flame detector based on natural diamond. Instruments and Experimental Techniques, 2008, 51, 280-283.	0.5	73
12	Electron-beam-induced conductivity and color cathodoluminescence of natural diamond plates in scanning electron microscope. Journal of Surface Investigation, 2007, 1, 386-393.	0.5	1
13	Ultraviolet photodetectors based on natural diamond. Journal of Communications Technology and Electronics, 2007, 52, 360-363.	0.5	7
14	Ultraviolet photodetectors fabricated on natural-diamond substrates for optoelectronic systems. Journal of Communications Technology and Electronics, 2006, 51, 1437-1440.	0.5	0
15	Natural 2a type diamond based UV photo sensor for 0.19-0.28 mkm. , 2005, , .		0
16	Application of Diamond in High Technology. Inorganic Materials, 2004, 40, S50-S70.	0.8	22
17	Radiation Detector Matrix Based on MBE Structure. Physica Status Solidi A, 2001, 185, 191-194.	1.7	0