

# Alexey V Saveliev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1433378/publications.pdf>

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15  
papers

497  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodiamond Photoemitters Based on Strong Narrow-Band Luminescence from Silicon Vacancy Defects. <i>Advanced Materials</i> , 2009, 21, 808-812.	21.0	122
2	Thermal conduction in nanocrystalline diamond films: Effects of the grain boundary scattering and nitrogen doping. <i>Applied Physics Letters</i> , 2006, 89, 171915.	3.3	77
3	Bulk and surface-enhanced Raman spectroscopy of nitrogen-doped ultrananocrystalline diamond films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3028-3035.	1.8	61
4	Wettability of nanocrystalline diamond films. <i>Diamond and Related Materials</i> , 2007, 16, 2109-2113.	3.9	58
5	A novel CW laser-powder method of carbon single-wall nanotubes production. <i>Diamond and Related Materials</i> , 2002, 11, 927-930.	3.9	48
6	Nitrogenated nanocrystalline diamond films: Thermal and optical properties. <i>Diamond and Related Materials</i> , 2007, 16, 2067-2073.	3.9	43
7	n-Type nitrogenated nanocrystalline diamond thin-film electrodes: The effect of the nitrogenation on electrochemical properties. <i>Electrochimica Acta</i> , 2007, 52, 5470-5478.	5.2	20
8	Wettability of Ultrananocrystalline Diamond and Graphite Nanowalls Films: A Comparison with Their Single Crystal Analogs. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3665-3671.	0.9	13
9	Benzene Oxidation at Diamond Electrodes: Comparison of Microcrystalline and Nanocrystalline Diamonds. <i>ChemPhysChem</i> , 2012, 13, 3047-3052.	2.1	12
10	CVD diamond coating of AlN ceramic substrates to enhance heat removal. <i>Russian Microelectronics</i> , 2006, 35, 205-209.	0.5	11
11	Electrochemical behavior of nitrogenated nanocrystalline diamond electrodes. <i>Russian Journal of Electrochemistry</i> , 2007, 43, 827-836.	0.9	10
12	Polycrystalline diamond film UV detectors for excimer lasers. <i>Quantum Electronics</i> , 2006, 36, 487-488.	1.0	8
13	Electrodes of strongly nitrogenated nanocrystalline diamond. <i>Russian Journal of Electrochemistry</i> , 2010, 46, 1063-1068.	0.9	7
14	The effects of nitrogenation on the electrochemical properties of nanocrystalline diamond films. <i>Diamond and Related Materials</i> , 2007, 16, 2114-2117.	3.9	5
15	Composite diamond-AlN dielectric substrates for heatsink materials. , 2005, , .		2