

Alexander N Obraztsov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

2,487
citations

25
h-index

45
g-index

169
ext. papers

2,732
ext. citations

3
avg, IF

5.13
L-index

#	Paper	IF	Citations
153	Surface graphitization of diamond nanotips induced by field-emission current. <i>Applied Physics Letters</i> , 2022 , 120, 141601	3.4	1
152	Control of NV, SiV and GeV centers formation in single crystal diamond needles. <i>Diamond and Related Materials</i> , 2022 , 125, 109007	3.5	1
151	Single-Crystal Diamond Needle Fabrication Using Hot-Filament Chemical Vapor Deposition. <i>Materials</i> , 2021 , 14,	3.5	5
150	Carbon single-electron point source controlled by Coulomb blockade. <i>Carbon</i> , 2021 , 171, 154-160	10.4	7
149	Coulomb blockade and quantum confinement in field electron emission from heterostructured nanotips. <i>Physical Review B</i> , 2020 , 102,	3.3	2
148	Circular photocurrent in the carbon nanowall film. <i>Optics Letters</i> , 2020 , 45, 2022-2025	3	3
147	Macro-, Micro- and Nano-Roughness of Carbon-Based Interface with the Living Cells: Towards a Versatile Bio-Sensing Platform. <i>Sensors</i> , 2020 , 20,	3.8	3
146	Morphological Specific Features of (100)-Textured Polycrystalline Diamond Films. <i>Crystallography Reports</i> , 2020 , 65, 152-158	0.6	
145	Nanocarbon Photonics and Optoelectronics. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1900519-1.3		
144	Photoassisted and multiphoton emission from single-crystal diamond needles. <i>Nanoscale</i> , 2019 , 11, 6852-6857	7.7	7
143	Conduction mechanisms and voltage drop during field electron emission from diamond needles. <i>Ultramicroscopy</i> , 2019 , 202, 51-56	3.1	5
142	Formation of GeV, SiV, and NV Color Centers in Single Crystal Diamond Needles Grown by Chemical Vapor Deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1800721	1.3	4
141	A Comparative Study of Field Emission From Pristine, Ion-Treated and Tungsten Nanoparticle-Decorated p-Type Silicon Tips. <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1800646	1.3	4
140	Strain sensitivity and symmetry of 2.65 eV color center in diamond nanoscale needles. <i>Applied Physics Letters</i> , 2019 , 114, 143104	3.4	1
139	Effect of laser illumination on the electrical conductivity of single-crystal diamond needles. <i>Journal of Applied Physics</i> , 2019 , 126, 045710	2.5	3
138	Nanocarbon Photonics and Optoelectronics (Phys. Status Solidi B 9/2019). <i>Physica Status Solidi (B): Basic Research</i> , 2019 , 256, 1970036	1.3	
137	Formation of Graphene on Polycrystalline Nickel. <i>Technical Physics</i> , 2019 , 64, 1666-1672	0.5	7

136	Field emission microscopy pattern of a single-crystal diamond needle under ultrafast laser illumination. <i>New Journal of Physics</i> , 2019 , 21, 113060	2.9	1
135	Ultrafast zero-bias photocurrent and terahertz emission in hybrid perovskites. <i>Communications Physics</i> , 2018 , 1,	5.4	24
134	Thermal diffusivity of diamond nanowires studied by laser assisted atom probe tomography. <i>Applied Physics Letters</i> , 2018 , 112, 143104	3.4	7
133	Luminescent Characteristics of Needle-Like Single Crystal Diamonds. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700189	1.3	12
132	A Comparative Study of Field Emission From Semiconducting and Metallic Single-Walled Carbon Nanotube Planar Emitters. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700268	1.3	14
131	Field Electron Emission From CVD Nanocarbon Films Containing Scrolled Graphene Structures. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700270	1.3	6
130	Detonation Nanodiamond-Assisted Carbon Nanotube Growth by Hot Filament Chemical Vapor Deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700286	1.3	1
129	Structural and morphological peculiarities of needle-like diamond crystallites obtained by chemical vapor deposition. <i>Diamond and Related Materials</i> , 2018 , 87, 261-266	3.5	5
128	Photoluminescent properties of single crystal diamond microneedles. <i>Optical Materials</i> , 2018 , 75, 49-55	3.3	18
127	Production and potential applications of needle-like diamonds. <i>Materials Today: Proceedings</i> , 2018 , 5, 26146-26152	1.4	2
126	The laser assisted field electron emission from carbon nanostructure. <i>Journal of the European Optical Society-Rapid Publications</i> , 2017 , 13,	2.5	5
125	Photoinduced effects in field electron emission from diamond needles. <i>Applied Physics Letters</i> , 2017 , 110, 182101	3.4	12
124	Optical Contactless Measurement of Electric Field-Induced Tensile Stress in Diamond Nanoscale Needles. <i>Nano Letters</i> , 2017 , 17, 7401-7409	11.5	14
123	Phonon-phonon interactions in photoexcited graphite studied by ultrafast electron diffraction. <i>Physical Review B</i> , 2016 , 93,	3.3	28
122	Structural peculiarities of single crystal diamond needles of nanometer thickness. <i>Nanotechnology</i> , 2016 , 27, 455707	3.4	11
121	Luminescent properties of diamond single crystals of pyramidal shape. <i>Physics of the Solid State</i> , 2016 , 58, 2307-2311	0.8	3
120	Single Crystal Diamond Needle as Point Electron Source. <i>Scientific Reports</i> , 2016 , 6, 35260	4.9	22
119	Diamond platelets produced by chemical vapor deposition. <i>Diamond and Related Materials</i> , 2016 , 65, 13-16	3.5	10

118	Field emission from single-walled carbon nanotubes modified by annealing and CuCl doping. <i>Applied Physics Letters</i> , 2016 , 109, 143112	3.4	4
117	Electrochemical characterization of mesoporous nanographite films. <i>Carbon</i> , 2016 , 105, 96-102	10.4	8
116	Quasi-two-dimensional diamond crystals: Deposition from a gaseous phase and structural/morphological properties. <i>Physics of the Solid State</i> , 2016 , 58, 1458-1462	0.8	
115	Photo- and cathodo-luminescence of needle-like single crystal diamonds. <i>Journal of Luminescence</i> , 2016 , 179, 539-544	3.8	12
114	CVD nanographite films covered by ALD metal oxides: structural and field emission properties. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015 , 12, 1022-1027		2
113	Edge field emission of large-area single layer graphene. <i>Applied Surface Science</i> , 2015 , 357, 1967-1974	6.7	33
112	Fluid modeling for plasma-enhanced direct current chemical vapor deposition. <i>Journal of Nanophotonics</i> , 2015 , 10, 103598	1.1	
111	Carbon nanoscrolls on the surface of nanocrystalline graphite and diamond films. <i>Crystallography Reports</i> , 2015 , 60, 578-582	0.6	5
110	Field emission spectroscopy evidence for dual-barrier electron tunnelling in nanographite. <i>Applied Physics Letters</i> , 2015 , 106, 233112	3.4	14
109	Fluid modeling for plasma-enhanced direct current chemical vapor deposition. <i>Journal of Nanophotonics</i> , 2015 , 10, 012503	1.1	4
108	Atomic layer deposition of TiO ₂ and Al ₂ O ₃ on nanographite films: structure and field emission properties. <i>Journal of Nanophotonics</i> , 2015 , 10, 012509	1.1	2
107	Nano-graphite cold cathodes for electric solar wind sail. <i>Carbon</i> , 2015 , 81, 132-136	10.4	14
106	Thin graphite films formation by carbon precipitation in metals: diffusion approach. <i>Journal of Nanophotonics</i> , 2015 , 10, 012506	1.1	1
105	All-optical control of ultrafast photocurrents in unbiased graphene. <i>Scientific Reports</i> , 2014 , 4, 4007	4.9	38
104	Photon-drag-induced terahertz emission from graphene. <i>Physical Review B</i> , 2014 , 90,	3.3	42
103	ESTCube-1 nanosatellite for electric solar wind sail in-orbit technology demonstration. <i>Proceedings of the Estonian Academy of Sciences</i> , 2014 , 63, 2000	1.6	22
102	Single-crystal diamond microneedles shaped at growth stage. <i>Diamond and Related Materials</i> , 2014 , 42, 15-20	3.5	26
101	Nanodiamond films with dendrite structure formed by needle crystallites. <i>Diamond and Related Materials</i> , 2013 , 37, 64-67	3.5	8

100	Incredible carbon. <i>Materials Today</i> , 2013 , 16, 351-352	21.8	
99	Structural and charge transport characteristics of graphene layers obtained from CVD thin film and bulk graphite materials. <i>Carbon</i> , 2013 , 52, 49-55	10.4	9
98	Growth of a Carbon Nanotube Forest on Silicon using Remote Plasma CVD. <i>Chemical Vapor Deposition</i> , 2013 , 19, 332-337		17
97	A nano-graphite cold cathode for an energy-efficient cathodoluminescent light source. <i>Beilstein Journal of Nanotechnology</i> , 2013 , 4, 493-500	3	21
96	Scanning Anode Field Emission Microscopy of Nanocarbons. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 114-118	1.3	11
95	Graphene Formation on Surfaces of Single Crystal Metals. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 46-51	1.3	2
94	Fabrication of Carbon Nanomaterials by Hot Filament Chemical Vapor Deposition. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 100-105	1.3	4
93	Field Emission Properties of Single-Walled Carbon Nanotube Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013 , 8, 71-74	1.3	2
92	Limitation of the current from nanographite multiemitter field-emission cathodes. <i>Technical Physics</i> , 2012 , 57, 251-255	0.5	4
91	Effect of vacuum level on field emission from nanographite films. <i>Technical Physics</i> , 2012 , 57, 1003-1007	0.5	12
90	Diamonds in the air. <i>Materials Today</i> , 2012 , 15, 519	21.8	
89	The c-axis thermal conductivity of graphite film of nanometer thickness measured by time resolved X-ray diffraction. <i>Applied Physics Letters</i> , 2012 , 101, 233108	3.4	56
88	Morphology and Raman Spectra Peculiarities of Chemical Vapor Deposition Diamond Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012 , 7, 22-28	1.3	10
87	Field Emission Properties of Metal Oxide Nanowires. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012 , 7, 35-40	1.3	12
86	Spatially Resolved In Situ Diagnostics for Plasma-Enhanced Chemical Vapor Deposition Carbon Film Growth. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012 , 7, 90-94	1.3	9
85	Broadband light-induced absorbance change in multilayer graphene. <i>Nano Letters</i> , 2011 , 11, 1540-5	11.5	86
84	Noncatalytic synthesis of carbon nanotubes by chemical vapor deposition. <i>Crystallography Reports</i> , 2011 , 56, 310-314	0.6	8
83	Thermionic field electron emission from graphite-based nanomaterials. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2712-2715	1.3	2

82	Surface structure and field emission properties of few-layer graphene flakes. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2623-2626	1.3	14
81	Polarization-sensitive photoresponse of nanographite. <i>Applied Physics Letters</i> , 2011 , 98, 091903	3.4	33
80	Single-crystal diamond probes for atomic-force microscopy. <i>Instruments and Experimental Techniques</i> , 2010 , 53, 613-619	0.5	3
79	Thermal oxidation of CVD diamond. <i>Diamond and Related Materials</i> , 2010 , 19, 1007-1011	3.5	36
78	Invited article: Electric solar wind sail: toward test missions. <i>Review of Scientific Instruments</i> , 2010 , 81, 111301	1.7	86
77	Thermal purification of detonation diamond. <i>Journal of Surface Investigation</i> , 2010 , 4, 458-463	0.5	5
76	Formation of needlelike crystallites during growth of diamond films by chemical vapor deposition. <i>Crystallography Reports</i> , 2010 , 55, 710-715	0.6	3
75	Single crystal diamond tips for scanning probe microscopy. <i>Review of Scientific Instruments</i> , 2010 , 81, 013703	1.7	36
74	Electromechanical self-oscillations of carbon nanotube field emitter. <i>Carbon</i> , 2010 , 48, 3895-3900	10.4	14
73	A comparative study of field emission from NanoBuds, nanographite and pure or N-doped single-wall carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 3051-3054	1.3	13
72	Topology peculiarities of graphite films of nanometer thickness. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 3010-3013	1.3	12
71	Photon drag effect in carbon nanotube yarns. <i>Applied Physics Letters</i> , 2009 , 94, 231112	3.4	16
70	Self-oscillations of carbon nanotube twist-yarn during field emission. <i>Physica Status Solidi (B): Basic Research</i> , 2009 , 246, 2658-2661	1.3	8
69	Self-oscillations in an electromechanical system with a field emitter. <i>JETP Letters</i> , 2009 , 90, 464-468	1.2	7
68	Chiral carbon nanoscrolls with a polygonal cross-section. <i>Carbon</i> , 2009 , 47, 3099-3105	10.4	33
67	Hopping conductivity in polycrystalline diamond films. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2009 , 64, 161-165	0.7	1
66	Thermal oxidation of detonation nanodiamond. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2009 , 64, 433-436	0.7	6
65	Field electron emission from nanodiamond. <i>Technical Physics Letters</i> , 2009 , 35, 249-252	0.7	8

64	Efficiency of a fast-response nanographite-based optoelectric converter in air at high temperatures. <i>Technical Physics Letters</i> , 2009 , 35, 899-902	0.7	2
63	Formation of pyramidal shaped single crystal diamonds in chemical vapor deposition. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 553-557	0.9	
62	Topology of nanometric graphite films. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 558-561	0.9	1
61	Physical and chemical processes in gas-discharge plasma during the deposition of nanocarbon films. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 652-655	0.9	1
60	Structural peculiarities of carbon nanolayers prepared by deposition from a gaseous phase on Ni. <i>Physics of the Solid State</i> , 2009 , 51, 1054-1059	0.8	4
59	Production of single crystal diamond needles by a combination of CVD growth and thermal oxidation. <i>Diamond and Related Materials</i> , 2009 , 18, 1289-1293	3.5	37
58	A novel method for metal oxide nanowire synthesis. <i>Nanotechnology</i> , 2009 , 20, 165603	3.4	99
57	Cold and Laser Stimulated Electron Emission from Nanocarbons. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2009 , 4, 207-219	1.3	18
56	Optical Characterization of Plasma Enhanced Chemical Vapor Deposition of Nanocarbon Film Materials. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2009 , 4, 243-246	1.3	7
55	A device for testing a fast nanographite photodetector at high temperatures. <i>Instruments and Experimental Techniques</i> , 2008 , 51, 456-461	0.5	3
54	Modeling of Field Emission from Nano Carbons. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008 , 16, 384-388	1.8	11
53	Field emission from single-wall nanotubes obtained from carbon and boron nitride mixtures. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 1990-1993	1.3	1
52	Raman scattering characterization of CVD graphite films. <i>Carbon</i> , 2008 , 46, 963-968	10.4	66
51	Anisotropy of the photoelectric properties of porous nanographite films. <i>Technical Physics Letters</i> , 2008 , 34, 467-471	0.7	1
50	Double resonant Raman scattering in nanographite films. <i>Journal of Experimental and Theoretical Physics</i> , 2008 , 106, 569-574	1	5
49	Chemical vapor deposition of thin graphite films of nanometer thickness. <i>Carbon</i> , 2007 , 45, 2017-2021	10.4	393
48	Formation of superhydrophobic surfaces by the deposition of coatings from supercritical carbon dioxide. <i>Colloid Journal</i> , 2007 , 69, 411-424	1.1	20
47	Effect of electric field on the vapor-phase growth of carbon nanostructures. <i>Technical Physics Letters</i> , 2007 , 33, 586-589	0.7	

46	Correlation of field emission properties with morphology and surface composition of CVD nanocarbon films. <i>Diamond and Related Materials</i> , 2006 , 15, 838-841	3.5	11
45	Optical rectification effect in nano-carbon CVD films. <i>Diamond and Related Materials</i> , 2006 , 15, 842-845	3.5	5
44	Spark light radiation coupled with the field electron emission from carbon nanotube forests. <i>Journal of Applied Physics</i> , 2006 , 100, 044327	2.5	8
43	Laser-assisted electron emission from CVD nano-graphite films. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 3505-3509	1.3	2
42	Effect of substrate material on the structure of carbon films obtained by plasmachemical deposition. <i>Technical Physics Letters</i> , 2006 , 32, 735-737	0.7	
41	Quick-response film photodetector of high-power laser radiation based on the optical rectification effect. <i>Technical Physics</i> , 2006 , 51, 1190-1196	0.5	10
40	Mechanism of low-voltage field emission from nanocarbon materials. <i>Journal of Experimental and Theoretical Physics</i> , 2005 , 100, 89-94	1	12
39	Spectral dependence of the optical rectification effect in nanographite films. <i>Technical Physics Letters</i> , 2005 , 31, 94	0.7	3
38	Effect of laser radiation on the morphology and emissivity of nanodimensional carbon films. <i>Technical Physics</i> , 2005 , 50, 809-811	0.5	2
37	Effect of the nanographite film thickness on the optical rectification pulse. <i>Technical Physics Letters</i> , 2005 , 31, 560	0.7	
36	A Nanographite Film-Based Fast Response Detector for Intense Laser Radiation. <i>Instruments and Experimental Techniques</i> , 2005 , 48, 349-354	0.5	4
35	A comparative study of field emission from single- and double-wall carbon nanotubes and carbon peapods. <i>AIP Conference Proceedings</i> , 2005 ,	0	2
34	Anisotropic laser-induced evaporation of graphite films. <i>Journal of Experimental and Theoretical Physics</i> , 2004 , 98, 483-488	1	5
33	Optical rectification effect in nanocarbon films. <i>Technical Physics Letters</i> , 2004 , 30, 750-752	0.7	2
32	Optical rectification effect in nanostructured carbon films. <i>Journal of Experimental and Theoretical Physics</i> , 2004 , 99, 942-946	1	3
31	Application of nanocarbon cold cathodes in lighting elements. <i>Surface and Interface Analysis</i> , 2004 , 36, 470-473	1.5	3
30	Plasma CVD characterization of nanocarbon film growth. <i>Surface and Interface Analysis</i> , 2004 , 36, 481-484	4.5	3
29	Giant optical rectification effect in nanocarbon films. <i>Applied Physics Letters</i> , 2004 , 84, 4854-4856	3.4	36

28	Fundamental Aspects and Applications of Low Field Electron Emission from Nanocarbons. <i>Surface Engineering</i> , 2003 , 19, 429-436	2.6	4
27	Chemical vapor deposition of carbon films: in-situ plasma diagnostics. <i>Carbon</i> , 2003 , 41, 836-839	10.4	36
26	Nanodimensional carbon materials formed in a gas discharge plasma. <i>Technical Physics Letters</i> , 2003 , 29, 380-382	0.7	2
25	Formation of nanostructured carbon films in gas-discharge plasmas. <i>Journal of Experimental and Theoretical Physics</i> , 2003 , 97, 1154-1158	1	9
24	Statistical analysis of low-voltage electron emission from nanocarbon cathodes. <i>Journal of Experimental and Theoretical Physics</i> , 2003 , 97, 1240-1245	1	10
23	Non-classical electron field emission from carbon materials. <i>Diamond and Related Materials</i> , 2003 , 12, 446-449	3.5	31
22	Thin Film Carbon Nanotube Cathodes for Field Emission Flat Panel Display and Light Source Application 2002 , 67-81		
21	CVD growth and field emission properties of nanostructured carbon films. <i>Journal Physics D: Applied Physics</i> , 2002 , 35, 357-362	3	52
20	Thin Film Carbon Nanotube Cathodes for Field Emission Flat Panel Display and Light Source Application 2002 , 67-81		
19	Field electron emission in graphite-like films. <i>Technical Physics</i> , 2001 , 46, 1437-1443	0.5	15
18	Rehybridization of the atomic orbitals and the field electron emission from nanostructured carbon. <i>Journal of Experimental and Theoretical Physics</i> , 2001 , 93, 846-852	1	6
17	Emission Properties of Nanostructured Carbon Field-Emission Cathodes. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 685, 1		
16	Single-Wall Carbon Nanotube Electron Emitters Produced by Electrophoresis. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 706, 1		1
15	Synthesis, Characterization and Application of Thin Film Carbon Nanotube Material. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 633, 1311		1
14	Field emission from nanostructured carbon materials. <i>Diamond and Related Materials</i> , 2000 , 9, 1190-1195	3.5	47
13	Low-voltage electron emission from chemical vapor deposition graphite films. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1999 , 17, 674		32
12	Determination of the thermal conductivity of polycrystalline diamond films by means of the photoacoustic effect. <i>Technical Physics</i> , 1999 , 44, 438-442	0.5	1
11	Role of the curvature of atomic layers in electron field emission from graphitic nanostructured carbon. <i>JETP Letters</i> , 1999 , 69, 411-417	1.2	30

10	Influence of structural characteristics on the thermal conductivity of polycrystalline diamond films. <i>Physics of the Solid State</i> , 1998 , 40, 1112-1116	0.8	1
9	Mechanism of field emission from carbon materials. <i>JETP Letters</i> , 1998 , 68, 59-63	1.2	33
8	Photoacoustic spectroscopy of diamond powders and polycrystalline films. <i>Physics of the Solid State</i> , 1997 , 39, 1594-1598	0.8	1
7	Comparative characterization of chemical vapor deposition diamond films by scanning cathodoluminescence microscopy. <i>Scanning</i> , 1997 , 19, 455-458	1.6	3
6	Optical Absorption in Porous Silicon Studied by Photoacoustic Spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , 1997 , 203, 565-569	1.3	10
5	Nature of Charge Traps in Anode Oxide Films on GaAs. <i>Journal of the Electrochemical Society</i> , 1996 , 143, 1109-1112	3.9	
4	Observation of diamond crystallites in thin films prepared by laser ablation of hard fullerene-based carbon. <i>Journal Physics D: Applied Physics</i> , 1996 , 29, 929-933	3	13
3	Local Monitoring of Diamond Nucleation Density. <i>Journal of the Electrochemical Society</i> , 1996 , 143, 1061-1063	3.9	
2	Silicon-Diamond Interface Band Structure. <i>Journal of the Electrochemical Society</i> , 1996 , 143, 1112-1114	3.9	
1	All-Optical Thermometry with NV and SiV Color Centers in Biocompatible Diamond Microneedles. <i>Advanced Optical Materials</i> , 2200631	8.1	0