

Etienne Gheeraert

List of Publications by Year in descending order

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149
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153
docs citations

153
times ranked

3119
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence of the Superconducting Transition Temperature on the Doping Level in Single-Crystalline Diamond Films. <i>Physical Review Letters</i> , 2004, 93, 237005.	2.9	184
2	Activation energy in low compensated homoepitaxial boron-doped diamond films. <i>Diamond and Related Materials</i> , 1998, 7, 1390-1393.	1.8	177
3	Characterization of heavily B-doped polycrystalline diamond films using Raman spectroscopy and electron spin resonance. <i>Journal of Applied Physics</i> , 1995, 78, 7059-7062.	1.1	136
4	Hydrogen-boron interactions in p-type diamond. <i>Physical Review B</i> , 1998, 58, 7966-7969.	1.1	123
5	Zr/oxidized diamond interface for high power Schottky diodes. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	114
6	Optical and electronic properties of heavily boron-doped homo-epitaxial diamond. <i>Physica Status Solidi A</i> , 2003, 199, 9-18.	1.7	100
7	Effect of boron incorporation on the "quality" of MPCVD diamond films. <i>Diamond and Related Materials</i> , 1993, 2, 742-745.	1.8	87
8	Electronic transitions of electrons bound to phosphorus donors in diamond. <i>Solid State Communications</i> , 2000, 113, 577-580.	0.9	75
9	Electronic States of Boron and Phosphorus in Diamond. <i>Physica Status Solidi A</i> , 1999, 174, 39-51.	1.7	74
10	Hall electron mobility in diamond. <i>Applied Physics Letters</i> , 2006, 89, 122111.	1.5	69
11	A large range of boron doping with low compensation ratio for homoepitaxial diamond films. <i>Carbon</i> , 1999, 37, 807-810.	5.4	67
12	Electronic states of phosphorus in diamond. <i>Diamond and Related Materials</i> , 2000, 9, 948-951.	1.8	66
13	Electrical conduction and deep levels in polycrystalline diamond films. <i>Journal of Applied Physics</i> , 1995, 78, 6633-6638.	1.1	65
14	n-Type doping of diamond by sulfur and phosphorus. <i>Diamond and Related Materials</i> , 2002, 11, 289-295.	1.8	62
15	Proton irradiation of CVD diamond detectors for high-luminosity experiments at the LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 426, 173-180.	0.7	61
16	Review of the development of diamond radiation sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 434, 131-145.	0.7	60
17	Boron-related infra-red absorption in homoepitaxial diamond films. <i>Diamond and Related Materials</i> , 1998, 7, 1509-1512.	1.8	58
18	Etching mechanism of diamond by Ni nanoparticles for fabrication of nanopores. <i>Carbon</i> , 2013, 59, 448-456.	5.4	55

#	ARTICLE	IF	CITATIONS
19	Defects and stress analysis of the Raman spectrum of diamond films. <i>Diamond and Related Materials</i> , 1992, 1, 525-528.	1.8	54
20	Deep-Depletion Mode Boron-Doped Monocrystalline Diamond Metal Oxide Semiconductor Field Effect Transistor. <i>IEEE Electron Device Letters</i> , 2017, 38, 1571-1574.	2.2	53
21	Hydrogen-acceptor interactions in diamond. <i>Diamond and Related Materials</i> , 2001, 10, 399-404.	1.8	52
22	Metal oxide semiconductor structure using oxygen-terminated diamond. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	52
23	Nitrogen doping of diamond by ion implantation. <i>Diamond and Related Materials</i> , 1997, 6, 516-520.	1.8	50
24	Doping and interface of homoepitaxial diamond for electronic applications. <i>MRS Bulletin</i> , 2014, 39, 499-503.	1.7	49
25	Deep depletion concept for diamond MOSFET. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	46
26	The effect of boron doping on the lattice parameter of homoepitaxial diamond films. <i>Diamond and Related Materials</i> , 1998, 7, 869-873.	1.8	44
27	Hydrogen in Monocrystalline CVD Boron Doped Diamond. <i>Physica Status Solidi A</i> , 1999, 174, 73-81.	1.7	41
28	Hydrogen diffusion in B-ion-implanted and B-doped homo-epitaxial diamond: passivation of defects vs. passivation of B acceptors. <i>Diamond and Related Materials</i> , 2001, 10, 453-458.	1.8	40
29	Low temperature excitation spectrum of phosphorus in diamond. <i>Diamond and Related Materials</i> , 2001, 10, 444-448.	1.8	37
30	CVD diamond films for radiation detection. <i>IEEE Transactions on Nuclear Science</i> , 1994, 41, 927-932.	1.2	36
31	Pulse height distribution and radiation tolerance of CVD diamond detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 447, 244-250.	0.7	36
32	Micro-Raman scattering from undoped and phosphorous-doped (111) homoepitaxial diamond films: Stress imaging of cracks. <i>Journal of Applied Physics</i> , 2005, 97, 043530.	1.1	35
33	Energy-band diagram configuration of Al ₂ O ₃ /oxygen-terminated p-diamond metal-oxide-semiconductor. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	35
34	Formation of oriented nanostructures in diamond using metallic nanoparticles. <i>Nanotechnology</i> , 2012, 23, 455302.	1.3	32
35	Comprehensive electrical analysis of metal/Al ₂ O ₃ /O-terminated diamond capacitance. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	32
36	Variation of the cell parameter of polycrystalline boron doped diamond films. <i>Journal of Applied Physics</i> , 1997, 81, 1120-1125.	1.1	31

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37	Diamond nanophotonics. Beilstein Journal of Nanotechnology, 2012, 3, 895-908.	1.5	31
38	Carbon nanotube forest based electrostatic capacitor with excellent dielectric performances. Carbon, 2017, 116, 648-654.	5.4	30
39	IR characterization of diamond films on Si substrates. Diamond and Related Materials, 1992, 1, 584-587.	1.8	29
40	Study of aluminium nitride/freestanding diamond surface acoustic waves filters. Diamond and Related Materials, 2003, 12, 723-727.	1.8	29
41	Magneto-optical spectroscopy of(Ga,Mn)Nepilayers. Physical Review B, 2006, 74, .	1.1	29
42	Dry etching of diamond nanowires using self-organized metal droplet masks. Diamond and Related Materials, 2011, 20, 389-394.	1.8	29
43	Hole transport in boron delta-doped diamond structures. Applied Physics Letters, 2012, 101, .	1.5	29
44	Phonon-assisted electronic transitions in phosphorus-doped n-type chemical vapor deposition diamond films. Diamond and Related Materials, 2001, 10, 439-443.	1.8	27
45	Radiation tolerance of CVD diamond detectors for pions and protons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 476, 686-693.	0.7	27
46	Homoepitaxial{111}-oriented diamond pn junctions grown on B-doped lb synthetic diamond. Physica Status Solidi A, 2004, 201, 2462-2466.	1.7	27
47	Recent results on CVD diamond radiation sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 264-270.	0.7	26
48	CVD diamond detectors for ionizing radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 194-201.	0.7	26
49	Model implementation towards the prediction of J(V) characteristics in diamond bipolar device simulations. Diamond and Related Materials, 2014, 43, 34-42.	1.8	26
50	The influence of oxygen, in gas mixtures and various substrate positions, on the broad cathodoluminescence bands of MPCVD diamond films. Diamond and Related Materials, 1993, 2, 737-741.	1.8	23
51	Characterization of n-Type Doped Homoepitaxial Diamond Thin Films. Physica Status Solidi A, 2002, 193, 541-545.	1.7	23
52	Mechanism of reverse current increase of vertical-type diamond Schottky diodes. Journal of Applied Physics, 2017, 122, .	1.1	23
53	Conduction mechanisms in boron implanted diamond films. Diamond and Related Materials, 1996, 5, 752-756.	1.8	22
54	Thermally Stimulated Conductivity and Luminescence in Polycrystalline Diamond Films. Physica Status Solidi A, 1999, 172, 183-192.	1.7	22

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55	Reality of doping by boron implantation of CVD polycrystalline diamond from a comparison of Raman and electrical measurements. <i>Diamond and Related Materials</i> , 1994, 3, 623-627.	1.8	21
56	Chemical vapor deposition of B-doped polycrystalline diamond films: Growth rate and incorporation efficiency of dopants. <i>Journal of Applied Physics</i> , 1995, 78, 7404-7406.	1.1	21
57	Minimization of the defects concentration from boron incorporation in polycrystalline diamond films. <i>Diamond and Related Materials</i> , 1997, 6, 778-782.	1.8	21
58	Microstructure evolution of boron doped homoepitaxial diamond films. <i>Journal of Applied Physics</i> , 1998, 83, 181-186.	1.1	21
59	The first bump-bonded pixel detectors on CVD diamond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 436, 326-335.	0.7	21
60	Carbide contacts on homoepitaxial diamond films. <i>Diamond and Related Materials</i> , 1999, 8, 961-965.	1.8	21
61	Electric field distribution using floating metal guard rings edge-termination for Schottky diodes. <i>Diamond and Related Materials</i> , 2018, 82, 160-164.	1.8	21
62	Characterization of defects in boron implanted chemically vapour deposited diamond films by electron paramagnetic resonance and cathodoluminescence. <i>Diamond and Related Materials</i> , 1994, 3, 737-740.	1.8	20
63	Influence of diborane on the growth rate and phase stability of diamond films. <i>Carbon</i> , 1999, 37, 107-111.	5.4	20
64	Simulations of carrier confinement in boron δ -doped diamond devices. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2084-2087.	0.8	20
65	Tungsten incorporation in diamond thin films prepared by the hotfilament technique. <i>Diamond and Related Materials</i> , 1992, 1, 504-507.	1.8	19
66	Electrical and optical measurements of CVD diamond doped with sulfur. <i>Physical Review B</i> , 2002, 65, .	1.1	19
67	Superconductivity in boron-doped homoepitaxial (001)-oriented diamond layers. <i>Physica Status Solidi A</i> , 2005, 202, 2160-2165.	1.7	19
68	In situ etching-back processes for a sharper top interface in boron delta-doped diamond structures. <i>Diamond and Related Materials</i> , 2012, 24, 175-178.	1.8	19
69	Defect and field-enhancement characterization through electron-beam-induced current analysis. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	19
70	High quality Al ₂ O ₃ /(100) oxygen-terminated diamond interface for MOSFETs fabrication. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	19
71	Effect of boron incorporation on the structure of polycrystalline diamond films. <i>Diamond and Related Materials</i> , 1997, 6, 774-777.	1.8	18
72	Temperature dependent spectroscopic study of the electronic structure of phosphorus in n-type CVD diamond films. <i>Diamond and Related Materials</i> , 2000, 9, 952-955.	1.8	18

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73	Low Temperature Photoconductivity Detection of Phosphorus in Diamond. <i>Physica Status Solidi A</i> , 1999, 174, 53-58.	1.7	17
74	Photocapacitance study of boron-doped chemical-vapor-deposited diamond. <i>Physical Review B</i> , 1999, 60, 2476-2479.	1.1	17
75	Micro-strip sensors based on CVD diamond. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 453, 141-148.	0.7	17
76	Strains and cracks in undoped and phosphorus-doped{111} homoepitaxial diamond films. <i>Physica Status Solidi A</i> , 2003, 199, 87-91.	1.7	17
77	A composite material made of carbon nanotubes partially embedded in a nanocrystalline diamond film. <i>Carbon</i> , 2013, 52, 408-417.	5.4	17
78	Synchronized B and ^{13}C Diamond Delta Structures for an Ultimate In-Depth Chemical Characterization. <i>Applied Physics Express</i> , 2013, 6, 045801.	1.1	17
79	Bottom-up fabrication of diamond nanowire arrays. <i>Diamond and Related Materials</i> , 2011, 20, 779-781.	1.8	16
80	Raman study of diamond films deposited by MPCVD: effect of the substrate position. <i>Thin Solid Films</i> , 1995, 256, 13-22.	0.8	15
81	Tracking with CVD diamond radiation sensors at high luminosity colliders. <i>IEEE Transactions on Nuclear Science</i> , 1999, 46, 193-200.	1.2	15
82	Epitaxial growth of phosphorus doped diamond on {111} substrate. <i>Diamond and Related Materials</i> , 2002, 11, 328-331.	1.8	15
83	Spin Carrier Exchange Interactions in (Ga,Mn)N and (Zn,Co)O Wide Band Gap Diluted Magnetic Semiconductor Epilayers. <i>Journal of Superconductivity and Novel Magnetism</i> , 2005, 18, 15-21.	0.5	15
84	Effects of high-power laser irradiation on sub-superficial graphitic layers in single-crystal diamond. <i>Acta Materialia</i> , 2016, 103, 665-671.	3.8	15
85	Characterisation by thermoluminescence of boron doped polycrystalline diamond films. <i>Diamond and Related Materials</i> , 2000, 9, 56-60.	1.8	14
86	A new acceptor state in CVD-diamond. <i>Diamond and Related Materials</i> , 2002, 11, 347-350.	1.8	14
87	Comparative study of two atomic layer etching processes for GaN. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	0.9	14
88	Diamond/ Al_2O_3 -alumina band offset determination by XPS. <i>Applied Surface Science</i> , 2021, 535, 146301.	3.1	14
89	Effect of boron incorporation on the lattice parameter and texture of diamond films deposited by chemical vapour deposition on silicon. <i>Journal of Crystal Growth</i> , 1995, 148, 110-115.	0.7	13
90	ESR Study of Phosphorus Implanted Type IIa Diamond. <i>Physica Status Solidi A</i> , 2000, 181, 5-10.	1.7	13

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91	Etching of p- and n-type doped monocrystalline diamond using an ECR oxygen plasma source. <i>Diamond and Related Materials</i> , 2002, 11, 828-832.	1.8	13
92	Performance of irradiated CVD diamond micro-strip sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 476, 706-712.	0.7	13
93	Thermoluminescence of nickel-doped synthetic diamond crystals. <i>Journal of Applied Physics</i> , 2000, 88, 4648.	1.1	12
94	CVD diamond sensors for charged particle detection. <i>Diamond and Related Materials</i> , 2001, 10, 1778-1782.	1.8	12
95	Gate Oxide Electrical Stability of p-type Diamond MOS Capacitors. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 3361-3364.	1.6	12
96	Status of diamond particle detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 418, 196-202.	0.7	11
97	DC current and AC impedance measurements on boron-doped single crystalline diamond films. <i>Physica Status Solidi A</i> , 2003, 199, 92-96.	1.7	11
98	Spectral response of the photoconductivity of polycrystalline chemically vapor deposited diamond films. <i>Diamond and Related Materials</i> , 1994, 3, 836-839.	1.8	10
99	Concentration of paramagnetic centers in boron doped polycrystalline diamond films. <i>Applied Physics Letters</i> , 1996, 68, 2123-2125.	1.5	10
100	Diamond Pixel Detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 465, 88-91.	0.7	10
101	Thermoluminescent Properties of Ni and Co Doped Synthetic, High Pressure, High Temperature Diamonds: Application to Ionising Radiation Dosimetry. <i>Radiation Protection Dosimetry</i> , 2002, 100, 329-332.	0.4	10
102	{111}-oriented diamond films and p/n junctions grown on B-doped type Ib substrates. <i>Diamond and Related Materials</i> , 2005, 14, 522-525.	1.8	10
103	Doping of single crystalline diamond with nickel. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2054-2057.	0.8	10
104	Characterization of breakdown behavior of diamond Schottky barrier diodes using impact ionization coefficients. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 04CR12.	0.8	10
105	Metal/insulator/semiconductor tunnel diodes formed by the oxidation of polycrystalline diamond films. <i>Journal of Applied Physics</i> , 1994, 76, 3929-3931.	1.1	9
106	Deep Level Spectroscopy in Homoepitaxial Diamond Films Studied from Current Transients in Schottky Junctions. <i>Physica Status Solidi A</i> , 1999, 174, 129-135.	1.7	9
107	Internal stresses in {111} homoepitaxial CVD diamond. <i>Diamond and Related Materials</i> , 2004, 13, 329-334.	1.8	9
108	Characterization of $\{111\}$ diamond thin films by micro-Raman spectroscopy. <i>Diamond and Related Materials</i> , 2004, 13, 886-890.	1.8	9

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109	Influence of annealing on the resistance of polycrystalline chemically vapour deposited diamond films: a surface chemical effect. <i>Diamond and Related Materials</i> , 1994, 3, 654-657.	1.8	8
110	Evidence of hydrogen-boron interactions in diamond from deuterium diffusion and infrared spectroscopy experiments. <i>Diamond and Related Materials</i> , 1999, 8, 278-282.	1.8	8
111	Charge-based deep level transient spectroscopy of phosphorus-doped homoepitaxial diamond. <i>Journal of Applied Physics</i> , 2003, 94, 5832-5843.	1.1	8
112	Study of the phosphorus incorporation in n-doped diamond films by cathodoluminescence. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S287-S292.	0.7	8
113	Ultra-smooth single crystal diamond surfaces resulting from implantation and lift-off processes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2057-2061.	0.8	8
114	Investigation of nickel lattice sites in diamond: Density functional theory and x-ray absorption near-edge structure experiments. <i>Physical Review B</i> , 2012, 86, .	1.1	8
115	Formation and resistivity of Mo ₂ C on polycrystalline diamond according to the preparation conditions. <i>Diamond and Related Materials</i> , 1996, 5, 779-783.	1.8	7
116	Recent progress on diamond Schottky diode. , 2016, , .		7
117	200V, 4MV/cm lateral diamond MOSFET. , 2017, , .		7
118	Determination of weak optical absorption coefficients in polycrystalline diamond thin films by photothermal deflection spectroscopy. <i>Diamond and Related Materials</i> , 1995, 4, 684-687.	1.8	6
119	Hydrogen Diffusion in Boron Doped Diamond: Evidence of Hydrogen-Boron Interactions. <i>Materials Research Society Symposia Proceedings</i> , 1998, 510, 169.	0.1	6
120	Parameterisation of radiation effects on CVD diamond for proton irradiation. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 78, 675-682.	0.5	6
121	Study of the Electronic Structure of the Phosphorus Level in n-Type CVD Diamond. <i>Physica Status Solidi A</i> , 1999, 174, R1-R2.	1.7	6
122	Phosphorus site after CIRA implantation of type IIa diamond. <i>Diamond and Related Materials</i> , 2001, 10, 580-584.	1.8	6
123	Effect of Magnetic Field on Phosphorus Centre in Diamond. <i>Physica Status Solidi A</i> , 2001, 186, 291-295.	1.7	6
124	Impact of Nonhomoepitaxial Defects in Depleted Diamond MOS Capacitors. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 1830-1837.	1.6	6
125	Hole injection contribution to transport mechanisms in metal/p ⁺⁺ and metal/oxide/p ⁺⁺ diamond structures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2501-2506.	0.8	5
126	Normally-OFF Diamond Reverse Blocking MESFET. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 6279-6285.	1.6	5

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127	Photoconductivity associated with deep levels in polycrystalline diamond films. Philosophical Magazine Letters, 1995, 72, 257-261.	0.5	4
128	CVD diamond pixel detectors for LHC experiments. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 497-504.	0.5	4
129	High-field magnetospectroscopy to probe the 1.4-eV Ni color center in diamond. Physical Review B. 2012, 86, .	1.1	4
130	A two-step process for the formation of a Mo ₂ C contact on polycrystalline diamond films. Diamond and Related Materials, 1997, 6, 843-846.	1.8	3
131	Intrinsic magnetism in wurtzite (Ga,Mn)N. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 4062-4065.	0.8	3
132	Magneto-optical spectroscopy of the wide band gap diluted magnetic semiconductor GaMnN. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 240-244.	1.7	3
133	Study of ion-implanted nitrogen related defects in diamond Schottky barrier diode by transient photocapacitance and photoluminescence spectroscopy. Japanese Journal of Applied Physics, 2021, 60, SBBD07.	0.8	3
134	Electronic States of Boron and Phosphorus in Diamond. , 1999, 174, 39.		3
135	Analysis of InGaN surfaces after chemical treatments and atomic layer deposition of Al ₂ O ₃ for μ LED applications. , 2020, , .		3
136	Caractérisation physicochimique et électronique de la structure Pt-a-Si: Hc-Si(n). Canadian Journal of Physics, 1991, 69, 357-360.	0.4	2
137	Characterization of CVD Diamond Films Used for Radiation Detection.. Materials Research Society Symposia Proceedings, 1994, 339, 185.	0.1	2
138	Recent results with CVD diamond trackers. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 329-334.	0.5	2
139	High-resolution spectroscopic investigation of the Mn centre in GaN. Journal of Crystal Growth, 2005, 275, e2233-e2237.	0.7	2
140	Behavior of CVD diamond-based TL dosimeters in radiotherapy environments using photon and electron beams from treatment accelerators. Diamond and Related Materials, 2011, 20, 520-522.	1.8	2
141	Annealing of diamond above 800 °C: need for and results of Si ₃ N ₄ encapsulation. Diamond and Related Materials, 1995, 4, 596-599.	1.8	1
142	Conductivity and photoconductivity in boron doped diamond films: Microwave measurements. Journal of Applied Physics, 2001, 90, 4251-4255.	1.1	1
143	Diamond bipolar device simulation. , 2013, , .		1
144	Thermally Stimulated Conductivity and Luminescence in Polycrystalline Diamond Films. Physica Status Solidi A, 1999, 172, 183-192.	1.7	1

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145	Electronic characterization of new c-Si/a-Si:H/Pt thin film devices. Thin Solid Films, 1989, 174, 203-207.	0.8	0
146	Characterization of ^{111}C diamond thin films by micro-Raman spectroscopy. Diamond and Related Materials, 2004, 13, 886-886.	1.8	0
147	Diamond Nanocrystals Growth on Carbon Nanotubes. , 2010, , .		0
148	Diamond as substrate for 3C-SiC growth: A TEM study. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2302-2306.	0.8	0
149	Electric Field Characterization of Diamond Metal Semiconductor Field Effect Transistors Using Electron Beam Induced Current. Materials Science Forum, 2018, 924, 935-938.	0.3	0