

# Hong-xing Wang

## List of Publications by Year in descending order

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170  
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288859

22  
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175522

52  
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181  
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181  
docs citations

181  
times ranked

9007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. <i>Cell</i> , 2021, 184, 64-75.e11.	27.8	878
2	Changes in EEG and autonomic nervous activity during meditation and their association with personality traits. <i>International Journal of Psychophysiology</i> , 2005, 55, 199-207.	1.3	365
3	Vertebral end-plate (Modic) changes on lumbar spine MRI: correlation with pain reproduction at lumbar discography. <i>European Spine Journal</i> , 1998, 7, 363-368.	2.3	307
4	Low cost activated carbon derived from Cucumis melo fruit peel for electrochemical supercapacitor application. <i>Applied Surface Science</i> , 2019, 486, 527-538.	6.3	110
5	A COMPREHENSIVE VIEW OF A STRONGLY LENSED PLANCK-ASSOCIATED SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , 2012, 753, 134.	4.7	91
6	Fabrication of UV Photodetector on TiO <sub>2</sub> /Diamond Film. <i>Scientific Reports</i> , 2015, 5, 14420.	3.4	82
7	An Enhancement-Mode Hydrogen-Terminated Diamond Field-Effect Transistor With Lanthanum Hexaboride Gate Material. <i>IEEE Electron Device Letters</i> , 2020, 41, 585-588.	4.2	56
8	Benefits to 0+ fishes of connecting man-made waterbodies to the lower River Trent, England. <i>River Research and Applications</i> , 2007, 23, 361-376.	1.6	55
9	UV-photodetector based on NiO/diamond film. <i>Applied Physics Letters</i> , 2018, 112, .	3.2	42
10	Normally-off hydrogen-terminated diamond field-effect transistor with Al <sub>2</sub> O <sub>3</sub> dielectric layer formed by thermal oxidation of Al. <i>Diamond and Related Materials</i> , 2018, 81, 113-117.	4.0	40
11	Predation risk drives the expression of mobbing across bird species. <i>Behavioral Ecology</i> , 2017, 28, 1517-1523.	2.1	33
12	Fabrication of three dimensional diamond ultraviolet photodetector through down-top method. <i>Applied Physics Letters</i> , 2016, 109, .	3.2	31
13	Persistent socioeconomic disparities in cardiovascular risk factors and health in the United States: Medical Expenditure Panel Survey 2002–2013. <i>Atherosclerosis</i> , 2018, 269, 301-305.	0.8	30
14	Normally Off Hydrogen-Terminated Diamond Field-Effect Transistor With Ti/TiO <sub>x</sub> Gate Materials. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 4784-4788.	3.2	30
15	Normally-off hydrogen-terminated diamond field effect transistor with yttrium gate. <i>Carbon</i> , 2021, 176, 307-312.	10.7	29
16	Metabarcoding Malaise traps and soil eDNA reveals seasonal and local arthropod diversity shifts. <i>Scientific Reports</i> , 2021, 11, 10498.	3.4	29
17	Photovoltaic Three-Dimensional Diamond UV Photodetector With Low Dark Current and Fast Response Speed Fabricated by Bottom-Up Method. <i>IEEE Electron Device Letters</i> , 2019, 40, 1186-1189.	4.2	28
18	Controllable hybrid shape of correlation and squeezing. <i>Physical Review A</i> , 2016, 94, .	2.5	24

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19	Fabrication of monolithic diamond photodetector with microlenses. <i>Optics Express</i> , 2017, 25, 31586.	3.4	24
20	Efficient and Tunable Photoinduced Honeycomb Lattice in an Atomic Ensemble. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800050.	10.1	24
21	Acute lymphoblastic leukemia after temozolomide treatment for anaplastic astrocytoma in a child with a germline <i>TP53</i> mutation. <i>Pediatric Blood and Cancer</i> , 2010, 55, 577-579.	1.6	23
22	<i>Allium fistulosum</i> as a novel system to investigate mechanisms of freezing resistance. <i>Physiologia Plantarum</i> , 2013, 147, 101-111.	5.3	23
23	LiF/Al <sub>2</sub> O <sub>3</sub> as Dielectrics for MOSFET on Single Crystal Hydrogen-Terminated Diamond. <i>IEEE Electron Device Letters</i> , 2020, 41, 808-811.	4.2	23
24	Multi-objective optimization of technology solutions in municipal solid waste treatment system coupled with pollutants cross-media metabolism issues. <i>Science of the Total Environment</i> , 2022, 807, 150664.	8.2	23
25	Diamond MIP structure Schottky diode with different drift layer thickness. <i>Diamond and Related Materials</i> , 2017, 73, 15-18.	4.0	22
26	Urinary exosomal mRNA detection using novel isothermal gene amplification method based on three-way junction. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112474.	10.4	22
27	Changes in work affect in response to lunchtime walking in previously physically inactive employees: A randomized trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 778-787.	2.9	21
28	Enhanced ultraviolet photoresponse of diamond photodetector using patterned diamond film and two-step growth process. <i>Materials Science in Semiconductor Processing</i> , 2019, 89, 110-115.	4.1	20
29	Discovery of Optical Emission in the Hot Spots of Three 3CR Quasars: High-Energy Particle Acceleration in Powerful Radio Hot Spots. <i>Astrophysical Journal</i> , 2005, 628, 104-112.	4.7	19
30	Iridium size effects in localized surface plasmon-enhanced diamond UV photodetectors. <i>Applied Surface Science</i> , 2019, 487, 674-677.	6.3	19
31	Enhanced ultraviolet absorption in diamond surface via localized surface plasmon resonance in palladium nanoparticles. <i>Applied Surface Science</i> , 2019, 464, 455-457.	6.3	19
32	Enhanced Responsivity of Diamond UV Detector Based on Regrown Lens Structure. <i>IEEE Electron Device Letters</i> , 2020, 41, 1829-1832.	4.2	19
33	Soil Evaporation and its Affecting Factors under Crop Canopy. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 259-271.	1.4	18
34	Diamond Schottky barrier diodes with floating metal rings for high breakdown voltage. <i>Materials Science in Semiconductor Processing</i> , 2019, 97, 101-105.	4.1	18
35	Two-dimensional Talbot self-imaging via Electromagnetically induced lattice. <i>Scientific Reports</i> , 2017, 7, 41790.	3.4	17
36	Photoelectrical characteristics of ultra thin TiO <sub>2</sub> /diamond photodetector. <i>Materials Letters</i> , 2017, 188, 52-54.	2.7	17

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37	Fabrication of dual-termination Schottky barrier diode by using oxygen-/fluorine-terminated diamond. Applied Surface Science, 2018, 457, 411-416.	6.3	17
38	Responsivity improvement of Ti-diamond-Ti structured UV photodetector through photocurrent gain. Optics Express, 2018, 26, 17092.	3.4	16
39	Hydrogen-terminated diamond field-effect transistor with AlO <sub>x</sub> dielectric layer formed by autooxidation. Scientific Reports, 2019, 9, 5192.	3.4	16
40	Peanut preinoculation with a root endophyte induces plant resistance to soil-borne pathogen Fusarium oxysporum via activation of salicylic acid-dependent signaling. Plant and Soil, 2021, 460, 297-312.	3.7	16
41	Adjustable charge states of nitrogen-vacancy centers in low-nitrogen diamond after electron irradiation and subsequent annealing. Applied Physics Letters, 2020, 117, .	3.2	16
42	Measurement of the inclusive and differential WZ production cross sections, polarization angles, and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.8	15
43	Performance of hydrogen-terminated diamond MOSFET with bilayer dielectrics of YSZ/Al <sub>2</sub> O <sub>3</sub> . Diamond and Related Materials, 2019, 99, 107532.	4.0	14
44	Room temperature direct bonding of diamond and InGaP in atmospheric air. Functional Diamond, 2021, 1, 110-116.	3.9	14
45	Wireless Volatile Organic Compound Detection for Restricted Internet of Things Environments Based on Cataluminescence Sensors. Chemosensors, 2022, 10, 179.	3.7	14
46	Doing descriptive phenomenological data collection in sport psychology research. Sport in Society, 2018, 21, 302-313.	1.2	13
47	Room temperature bonding of Si and Si wafers by using Mo/Au nano-adhesion layers. Microelectronic Engineering, 2019, 215, 111018.	2.5	13
48	Very Low Incidence of Arg506 Gln Mutation in the Factor V Gene among the Amazonian Indians and the Brazilian Black Population. Thrombosis and Haemostasis, 1996, 75, 860-861.	3.5	13
49	Diamond Based Field-Effect Transistors of Zn Gate with $\text{SiO}_2/\text{Al}_2\text{O}_3$ Dielectric Layers. Journal of Nanomaterials, 2015, 2015, 1-5.	2.8	12
50	Ohmic contact between iridium film and hydrogen-terminated single crystal diamond. Scientific Reports, 2017, 7, 12157.	3.4	12
51	Effect of depth of Buried-In Tungsten Electrodes on Single Crystal Diamond Photodetector. MRS Advances, 2016, 1, 1099-1104.	1.0	11
52	Annealing and lateral migration of defects in IIa diamond created by near-threshold electron irradiation. Applied Physics Letters, 2017, 110, .	3.2	11
53	Analysis of diamond pseudo-vertical Schottky barrier diode through patterning tungsten growth method. Applied Physics Letters, 2018, 112, .	3.2	11
54	Electrical properties of yttrium gate hydrogen-terminated diamond field effect transistor with Al <sub>2</sub> O <sub>3</sub> dielectric layer. Applied Physics Letters, 2021, 118, .	3.2	11

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55	Triple-mode squeezing with dressed six-wave mixing. Scientific Reports, 2016, 6, 25554.	3.4	10
56	<i>Harry Potter</i> and the First Order of Business: Using Simulation to Teach Social Justice and Disability Ethics in Business Communication. Business and Professional Communication Quarterly, 2018, 81, 85-99.	0.7	10
57	Performance Improved Vertical Diamond Schottky Barrier Diode With Fluorination-Termination Structure. IEEE Electron Device Letters, 2019, 40, 1229-1232.	4.2	10
58	Characterization of UV photodetector based on ZnO/diamond film. Optics Express, 2019, 27, 36750.	3.4	10
59	Physical Chemistry of Ionic Liquids: Inorganic and Organic as Well as Protic and Aprotic. , 2011, , 5-31.		9
60	An ontology for numerical design of experiments processes. Computers in Industry, 2018, 94, 26-40.	10.2	9
61	The value of backersâ€™ word-of-mouth in crowdfunding projects filtering: an empirical investigation. Electronic Commerce Research, 2020, 20, 757-782.	4.6	9
62	Temperature dependence of optical centres in ultrapure diamond after 200â€‰keV electron irradiation. Journal Physics D: Applied Physics, 2020, 53, 135303.	2.9	9
63	Fabrication and Characterization of (100)-Oriented Single-Crystal Diamond p-n Junction Ultraviolet Detector. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000207.	1.9	9
64	Performance-Improved Vertical Zr/Diamond Schottky Barrier Diode With Lanthanum Hexaboride Interfacial Layer. IEEE Electron Device Letters, 2021, 42, 1366-1369.	4.2	9
65	BPS and non-BPS kinks in a massive nonlinear $\sigma$ -model. Physical Review D, 2009, 79, .	4.8	8
66	FEM thermal analysis of Cu/diamond/Cu and diamond/SiC heat spreaders. AIP Advances, 2017, 7, .	1.3	8
67	Structural, electronic and magnetic properties in bulk and various (001) surfaces of X <sub>2</sub> CoIn (X = Ti, Zr) Heusler alloy. Applied Surface Science, 2018, 457, 403-410.	6.3	8
68	Fabrication of Diamond Submicron Lenses and Cylinders by ICP Etching Technique with SiO <sub>2</sub> Balls Mask. Materials, 2019, 12, 1622.	3.0	8
69	Self-powered diamond ultraviolet photodetector with a transparent Ag nanowire electrode. Nanotechnology, 2019, 30, 325204.	2.7	8
70	Fabrication of micro lens array on diamond surface. AIP Advances, 2019, 9, .	1.3	8
71	Pd nanoparticle size effects in localized surface plasmon-enhanced diamond photodetectors. Optical Materials, 2020, 107, 110031.	3.7	8
72	Effects of surface activation time on Si-Si direct wafer bonding at room temperature. Materials Research Express, 2021, 8, 085901.	1.7	8

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73	The Rise and Peak of the Luminous Type II <sub>n</sub> SN 2017hcc/ATLAS17lsn from ASAS-SN and Swift UVOT Data. Research Notes of the AAS, 2017, 1, 28.	0.7	8
74	Reducing Threading Dislocations of Single-Crystal Diamond via In Situ Tungsten Incorporation. Materials, 2022, 15, 444.	3.0	8
75	Development of an all-optical framing camera and its application on the Z-pinch. Optics Express, 2017, 25, 32074.	3.4	7
76	Enhancing diamond NV center density in HPHT substrate and epitaxy lateral overgrowth layer by tungsten pattern. Materials Letters, 2019, 240, 233-237.	2.7	7
77	Local initial heteroepitaxial growth of diamond (111) on Ru (0001)/c-sapphire by antenna-edge-type microwave plasma chemical vapor deposition. Applied Physics Letters, 2020, 117, .	3.2	7
78	Heteroepitaxy of single crystal diamond on Ir buffered KTaO <sub>3</sub> (001) substrates. Applied Physics Letters, 2021, 119, .	3.2	7
79	Schottky Barrier Height Modulation of Zr/p-Diamond Schottky Contact by Inserting Ultrathin Atomic Layer-Deposited Al <sub>2</sub> O <sub>3</sub> . IEEE Transactions on Electron Devices, 2021, 68, 5995-6000.	3.2	7
80	Solution-processed tin oxide thin film for normally-off hydrogen terminated diamond field effect transistor. Applied Physics Letters, 2022, 120, .	3.2	7
81	Small Subthreshold Swing Diamond Field Effect Transistors With SnO <sub>2</sub> Gate Dielectric. IEEE Transactions on Electron Devices, 2022, 69, 4427-4431.	3.2	7
82	Breakdown Voltage Enhancement of Vertical Diamond Schottky Barrier Diode With Annealing Method and AIO Field Plate Structure. IEEE Electron Device Letters, 2022, 43, 1937-1940.	4.2	7
83	FEM thermal and stress analysis of bonded GaN-on-diamond substrate. AIP Advances, 2017, 7, 095105.	1.3	6
84	3D TiO <sub>2</sub> /Diamond Ultraviolet Detector Using Back-to-Back Pd Schottky Electrode. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000218.	1.9	6
85	Argon Ion Beam Current Dependence of Si-Si Surface Activated Bonding. Materials, 2022, 15, 3115.	3.0	6
86	Large $V_{TH}$ of Normally-OFF Field Effect Transistor With Yttrium Gate Material Directly Deposited on Hydrogen-Terminated Diamond. IEEE Transactions on Electron Devices, 2022, 69, 3563-3567.	3.2	6
87	Electrical and Thermal Characteristics of AlGaIn/GaN HEMT Devices with Dual Metal Gate Structure: A Theoretical Investigation. Materials, 2022, 15, 3818.	3.0	6
88	Electrical characteristics of normally off hydrogen-terminated diamond field effect transistors with lanthanum oxide gate dielectric. Applied Physics Letters, 2022, 121, .	3.2	6
89	Phase II trial of CI-980 in patients with disseminated malignant melanoma and no prior chemotherapy. A Southwest Oncology Group study. Investigational New Drugs, 2001, 19, 239-243.	2.7	5
90	Successful treatment of follicular cutaneous T-cell lymphoma without mucinosis with narrow-band UVB irradiation. Journal of the European Academy of Dermatology and Venereology, 2007, 21, 1121-1122.	2.6	5

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91	Investigation of an InP-based image converter with optical excitation. Review of Scientific Instruments, 2017, 88, 033109.	1.4	5
92	Investigating non-equilibrium carrier lifetimes in nitrogen-doped and boron-doped single crystal HPHT diamonds with an optical method. Applied Physics Letters, 2018, 112, .	3.2	5
93	FEM thermal analysis of high power GaN-on-diamond HEMTs. Journal of Semiconductors, 2018, 39, 104005.	3.7	5
94	RF Performance of Hydrogenated Single Crystal Diamond MOSFETs. , 2019, , .		5
95	Development and testing of a three-section pulse-forming network and its application to Marx circuit. Laser and Particle Beams, 2019, 37, 408-414.	1.0	5
96	Diamond field effect transistors using bilayer dielectrics Yb <sub>2</sub> TiO <sub>5</sub> /Al <sub>2</sub> O <sub>3</sub> on hydrogen-terminated diamond. Diamond and Related Materials, 2020, 106, 107866.	4.0	5
97	Impact of the addition of dolomite to cream-firing clays on the technological and color properties of sintered ceramics. International Journal of Applied Ceramic Technology, 2021, 18, 1063-1073.	2.1	5
98	Fabrication of Dual-Barrier Planar Structure Diamond Schottky Diodes by Rapid Thermal Annealing. IEEE Transactions on Electron Devices, 2021, 68, 1176-1180.	3.2	5
99	Surface Morphology and Microstructure Evolution of Single Crystal Diamond during Different Homoepitaxial Growth Stages. Materials, 2021, 14, 5964.	3.0	5
100	Effect of thermoelastic damping on silicon, GaAs, diamond and SiC micromechanical resonators. AIP Advances, 2017, 7, .	1.3	4
101	Schottky barrier diode fabricated on oxygen-terminated diamond using a selective growth approach. Diamond and Related Materials, 2019, 99, 107529.	4.0	4
102	Hydrogen-terminated diamond field-effect transistor with a bilayer dielectric of HfSiO <sub>4</sub> /Al <sub>2</sub> O <sub>3</sub> . Diamond and Related Materials, 2019, 99, 107530.	4.0	4
103	Nonlinear optical induced lattice in atomic configurations. Scientific Reports, 2020, 10, 13396.	3.4	4
104	Visible-Light Activation of Photocatalytic for Reduction of Nitrogen to Ammonia by Introducing Impurity Defect Levels into Nanocrystalline Diamond. Materials, 2020, 13, 4559.	3.0	4
105	Hydrogen-terminated diamond field-effect transistor with a bilayer dielectric of HfSiON/Al <sub>2</sub> O <sub>3</sub> . AIP Advances, 2020, 10, 035327.	1.3	4
106	Temperature dependent thermal conductivity of Ila diamond by laser excited Raman spectroscopy. Applied Physics Letters, 2021, 118, .	3.2	4
107	Fabrication of a Micron-Scale Three-Dimensional Single Crystal Diamond Channel Using a Micro-Jet Water-Assisted Laser. Materials, 2021, 14, 3006.	3.0	4
108	Características físicas e químicas do látex e crescimento da seringueira em função da calagem e da adubação NPK em dois sistemas de exploração. Ciencia E Agrotecnología, 2003, 27, 1237-1245.	1.4	4

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109	Suppressing Nitrogen-Vacancy Centers to Enhance Performance of Diamond Ultraviolet Photodetector via Growing With Tungsten. IEEE Transactions on Electron Devices, 2021, 68, 6228-6232.	3.2	4
110	High Breakdown Electric Field Diamond Schottky Barrier Diode With SnO <sub>2</sub> Field Plate. IEEE Transactions on Electron Devices, 2022, 69, 6917-6921.	3.2	4
111	Identification of the Current Transport Mechanism in a Vertical Zr/LaB <sub>6</sub> /p-Diamond Schottky Barrier Diode for Low-Power Highly Sensitive Temperature Sensor. IEEE Transactions on Electron Devices, 2023, 70, 746-751.	3.2	4
112	A finite element analysis of the effects of geometrical shape on the elastic properties of chemical vapor deposited diamond nanowire. AIP Advances, 2017, 7, .	1.3	3
113	Long-Term Observations of Galactic Cosmic Ray LET Spectra in Lunar Orbit by LRO/CRaTER. Space Weather, 2020, 18, e2020SW002543.	3.6	3
114	Hydrophobic Surface Coating of Nanodiamonds by Polyglycerol-Based Polymers with Alkyl Chains for Dispersing in an Organic Solvent. ChemNanoMat, 2020, 6, 1332-1336.	2.9	3
115	Nanocone Structures Enhancing Nitrogen-Vacancy Center Emissions in Diamonds. Coatings, 2020, 10, 513.	2.7	3
116	Simple way to fabricate orderly arranged nanostructure arrays on diamond utilizing metal dewetting effect. Optics Express, 2021, 29, 28359.	3.4	3
117	Effect of the mass ratio of heat-treated whey protein isolate to anthocyanin on its composite properties. International Dairy Journal, 2021, 122, 105158.	3.1	3
118	Performance of hydrogen-terminated diamond MOSFET with LaB <sub>6</sub> /Al <sub>2</sub> O <sub>3</sub> bilayer dielectric. Diamond and Related Materials, 2021, 120, 108646.	4.0	3
119	Normally-off hydrogen-terminated diamond field effect transistor with a bilayer dielectric of Er <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> . Diamond and Related Materials, 2022, 123, 108848.	4.0	3
120	Improved-Performance Diamond Schottky Barrier Diode With Tin Oxide Interlayer. IEEE Transactions on Electron Devices, 2022, 69, 6260-6264.	3.2	3
121	Vertical Diamond Trench MOS Barrier Schottky Diodes With High Breakdown Voltage. IEEE Transactions on Electron Devices, 2022, 69, 6231-6235.	3.2	3
122	High breakdown electric field diamond Schottky barrier diode with HfO <sub>2</sub> field plate. Applied Physics Letters, 2023, 122, .	3.2	3
123	Creation and Migration of Intrinsic Defects in Si-Doped Diamond Produced Using Microwave Plasma Chemical Vapor Deposition. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900003.	1.9	2
124	Diamond avalanche diodes for obtaining high-voltage pulse with subnanosecond front edge. AIP Advances, 2020, 10, .	1.3	2
125	Influence of near threshold energy electron irradiation on the thermal conductivity of IIa diamond. Applied Physics Letters, 2021, 119, 182105.	3.2	2
126	Thickness Impact on the Morphology, Strain Relaxation and Defects of Diamond Heteroepitaxially Grown on Ir/Al <sub>2</sub> O <sub>3</sub> Substrates. Materials, 2022, 15, 624.	3.0	2



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127	Structural changes during femtosecond laser percussion drilling of high-aspect-ratio diamond microholes. <i>Optical Engineering</i> , 2022, 61, .	1.0	2
128	The influence of nitrogen doping on the thermal conductivity of diamond heat sink. <i>Spectroscopy Letters</i> , 2022, 55, 166-171.	1.0	2
129	Electrical Characteristics of Diamond MOSFET with 2DHG on a Heteroepitaxial Diamond Substrate. <i>Materials</i> , 2022, 15, 2557.	3.0	2
130	Tunable Continuous-Variable Tripartite Entanglement via Cascaded Third-Order Nonlinear Processes in a Ring Cavity. <i>Annalen Der Physik</i> , 2022, 534, .	2.5	2
131	Leakage current reduction of normally off hydrogen-terminated diamond field effect transistor utilizing dual-barrier Schottky gate. <i>Journal of Applied Physics</i> , 2022, 132, .	2.3	2
132	Hydrogen-Terminated Single Crystal Diamond MOSFET with a Bilayer Dielectric of Gd <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> . <i>Crystals</i> , 2023, 13, 783.	2.3	2
133	A 3-W High-Voltage Single-Chip Green Light-Emitting Diode with Multiple-Cells Network. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-4.	2.8	1
134	Hybrid Three-Mode Correlation and Squeezing in a Pr <sup>3+</sup> :YSO Crystal. <i>Scientific Reports</i> , 2017, 7, 1743.	3.4	1
135	Detrimental effects induced by diisononyl phthalate on development and behavior of <i>Drosophila</i> larva and potential mechanisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 243, 108967.	2.7	1
136	A DOI-PET detector inserting glass plates to provide multiple spatial resolutions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1020, 165903.	1.6	1
137	Transport Properties of the Two-Dimensional Hole Gas for H-Terminated Diamond with an Al <sub>2</sub> O <sub>3</sub> Passivation Layer. <i>Crystals</i> , 2022, 12, 390.	2.3	1
138	Detection of Glucose Using Diamond Solution-Gate Field-Effect Transistor. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 4534-4539.	3.2	1
139	Normally-off Hydrogen-Terminated Diamond Field-Effect Transistor with SnO <sub>x</sub> Dielectric Layer Formed by Thermal Oxidation of Sn. <i>Materials</i> , 2022, 15, 5082.	3.0	1
140	The clarification of leakage conduction mechanism of HfO <sub>2</sub> /SiN <sub>x</sub> stacked a-IGZO TFT and its variation at high temperature. <i>Applied Physics Letters</i> , 2022, 121, .	3.2	1
141	Partly-O-Diamond Solution-Gate Field-Effect Transistor as an Efficient Biosensor of Glucose. <i>Journal of the Electrochemical Society</i> , 2023, 170, 037507.	2.9	1
142	Temperature dependence of germanium vacancy centers in high-quality diamond after 300-keV ion implantation. <i>Journal of Applied Physics</i> , 2022, 132, .	2.3	1
143	Electrical Characteristics of H-Diamond Transistors With ZrO <sub>2</sub> /Zr Stacked Dielectrics Deposited by Electron Beam Evaporation. <i>IEEE Transactions on Electron Devices</i> , 2024, 71, 1567-1571.	3.2	1
144	Thermoelastic Analysis of a Vibrating TiB <sub>2</sub> -Ti Cantilever Beam Using Differential Thermography. <i>AIP Conference Proceedings</i> , 2008, , .	1.0	0

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145	An integrated MCDM model for glamour stock selection. , 2012, , .		0
146	Optical particle counter data collected in two inhabited sites close to an industrial hot spot during a three months survey. Data in Brief, 2019, 25, 104250.	1.1	0
147	Optical defects and their depth penetration in 200 keV electron irradiated Ila diamond. Radiation Effects and Defects in Solids, 2020, 175, 1083-1092.	1.1	0
148	Operation of Diamond Solution-Gated Field-Effect Transistor in the Frequency Domain. IEEE Transactions on Electron Devices, 2021, , 1-7.	3.2	0
149	A Method for Demonstration of the Feasibility of InP as an All-optical Imaging Sensor. , 2018, , .		0
150	PENGARUH PEMBERIAN BIOCHAR TERHADAP BEBERAPA SIFAT BIOKIMIA TANAH DAN PERTUMBUHAN TANAMAN BAWANG MERAH PADA LAHAN TERCEMAR RESIDU PESTISIDA. Jurnal Tanah Dan Sumberdaya Lahan, 2020, 8, 27-34.	0.4	0
151	Progress of diamond substrate development. , 2021, , .		0
152	Room Temperature Bonding of Semiconductor Materials Based on Mo/Au Interlayer. , 2021, , .		0
153	Effect of HfO <sub>2</sub> -Based Multi-Dielectrics on Electrical Properties of Amorphous In-Ga-Zn-O Thin Film Transistors. Coatings, 2021, 11, 1381.	2.7	0
154	HfAlO <sub>x</sub> /Al <sub>2</sub> O <sub>3</sub> Bilayer Dielectrics for a Field Effect Transistor on a Hydrogen-Terminated Diamond. Materials, 2022, 15, 446.	3.0	0
155	Concept Maps Decrease Studentsâ€™ Neurocognitive Demand When Thinking about Engineering Problems. , 2022, , .		0
156	Determinants of Anemia Among Adolescents Girls. Current Developments in Nutrition, 2022, 6, 154.	0.3	0
157	Normally-off C-H Diamond FETs With Partial Al/C-O Diamond Junction Attaining Low off-State Current. IEEE Transactions on Electron Devices, 2022, , 1-5.	3.2	0
158	Characterization of single crystal diamond damaged layer induced by ion implantation and restored by varying annealing conditions. Micro and Nanostructures, 2022, 172, 207442.	2.4	0
159	Effects of argon plasma pretreatment of Si wafers on Si-Si bonding based on Mo/Au interlayers. Surface Topography: Metrology and Properties, 2023, 11, 025013.	1.7	0
160	Optimization of diamond sensor for trace detection of SARS-CoV-2 N-protein using Au nanoparticles. Applied Physics Letters, 2023, 123, .	3.2	0
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