

Daisuke Takeuchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6008574/publications.pdf>

Version: 2024-02-01

142
papers

4,120
citations

101384

36
h-index

143772

57
g-index

145
all docs

145
docs citations

145
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron emission from H-terminated diamond enhanced by polypyrrole grafting. Carbon, 2021, 176, 642-649.	5.4	8
2	Carrier transport mechanism of diamond p ⁺ -n junction at low temperature using Schottky-pn junction structure. Japanese Journal of Applied Physics, 2021, 60, 030905.	0.8	5
3	Inversion channel MOSFET on heteroepitaxially grown free-standing diamond. Carbon, 2021, 175, 615-619.	5.4	9
4	Suppression of killer defects in diamond vertical-type Schottky barrier diodes. Japanese Journal of Applied Physics, 2020, 59, SGGD10.	0.8	8
5	Damage-free highly efficient plasma-assisted polishing of a 20-mm square large mosaic single crystal diamond substrate. Scientific Reports, 2020, 10, 19432.	1.6	21
6	Temperature dependence of diamond MOSFET transport properties. Japanese Journal of Applied Physics, 2020, 59, SGGD19.	0.8	4
7	Toward High-Performance Diamond Electronics: Control and Annihilation of Dislocation Propagation by Metal-Assisted Termination. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900498.	0.8	23
8	Inversion channel mobility and interface state density of diamond MOSFET using N-type body with various phosphorus concentrations. Applied Physics Letters, 2019, 114, .	1.5	19
9	Improved drain current of diamond metal-semiconductor field-effect transistor by selectively grown p ⁺ contact layer. Japanese Journal of Applied Physics, 2019, 58, SBBD17.	0.8	3
10	Carbon 1s X-ray photoelectron spectra of realistic samples of hydrogen-terminated and oxygen-terminated CVD diamond (111) and (001). Diamond and Related Materials, 2019, 93, 105-130.	1.8	25
11	Direct observation of inversion capacitance in p-type diamond MOS capacitors with an electron injection layer. Japanese Journal of Applied Physics, 2018, 57, 04FR01.	0.8	14
12	Reverse-recovery of diamond p-n diodes. IET Power Electronics, 2018, 11, 695-699.	1.5	4
13	Direct Nanoscale Sensing of the Internal Electric Field in Operating Semiconductor Devices Using Single Electron Spins. ACS Nano, 2017, 11, 1238-1245.	7.3	82
14	Fabrication of graphene on atomically flat diamond (111) surfaces using nickel as a catalyst. Diamond and Related Materials, 2017, 75, 105-109.	1.8	22
15	Dynamic properties of diamond high voltage p-n diodes. Japanese Journal of Applied Physics, 2017, 56, 04CR14.	0.8	10
16	Diamond Schottky-pn diode using lightly nitrogen-doped layer. Diamond and Related Materials, 2017, 75, 152-154.	1.8	37
17	Observation of Interface Defects in Diamond Lateral p-n-Junction Diodes and Their Effect on Reverse Leakage Current. IEEE Transactions on Electron Devices, 2017, 64, 3298-3302.	1.6	6
18	High-Temperature Bipolar-Mode Operation of Normally-Off Diamond JFET. IEEE Journal of the Electron Devices Society, 2017, 5, 95-99.	1.2	27

#	ARTICLE	IF	CITATIONS
19	Direct determination of the barrier height of Au ohmic-contact on a hydrogen-terminated diamond (001) surface. <i>Diamond and Related Materials</i> , 2017, 73, 182-189.	1.8	14
20	Enhanced thermionic electron emission from a stacked structure of phosphorus-doped diamond with a nitrogen-doped diamond surface layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2650-2653.	0.8	8
21	N-type control of single-crystal diamond films by ultra-lightly phosphorus doping. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	49
22	Toward highly conductive n-type diamond: Incremental phosphorus-donor concentrations assisted by surface migration of ad molecules. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	13
23	Inversion channel diamond metal-oxide-semiconductor field-effect transistor with normally off characteristics. <i>Scientific Reports</i> , 2016, 6, 31585.	1.6	150
24	Normally-Off Diamond Junction Field-Effect Transistors With Submicrometer Channel. <i>IEEE Electron Device Letters</i> , 2016, 37, 209-211.	2.2	36
25	Desorption time of phosphorus during MPCVD growth of n-type (001) diamond. <i>Diamond and Related Materials</i> , 2016, 64, 208-212.	1.8	11
26	Heavily phosphorus-doped nano-crystalline diamond electrode for thermionic emission application. <i>Diamond and Related Materials</i> , 2016, 63, 165-168.	1.8	23
27	Development Trend of Diamond Electronic Devices; from Attractive Gem Stones to Electronics. <i>Journal of the Institute of Electrical Engineers of Japan</i> , 2016, 136, 821-824.	0.0	0
28	Potential profile evaluation of a diamond lateral p-n junction diode using Kelvin probe force microscopy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2589-2594.	0.8	1
29	Fabrication of diamond lateral p-n junction diodes on (111) substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2548-2552.	0.8	7
30	Diamond PN/PIN Diode Type Electron Emitter with Negative Electron Affinity and Its Potential for the High Voltage Vacuum Power Switch. <i>Topics in Applied Physics</i> , 2015, , 237-272.	0.4	0
31	Electronic properties of diamond Schottky barrier diodes fabricated on silicon-based heteroepitaxially grown diamond substrates. <i>Applied Physics Express</i> , 2015, 8, 104103.	1.1	30
32	Carrier transport in homoepitaxial diamond films with heavy phosphorus doping. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FP05.	0.8	19
33	Observation of negative electron affinity in low-voltage discharging boron-doped polycrystalline diamond. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FP09.	0.8	4
34	Direct first-principles simulation of a high-performance electron emitter: Lithium-oxide-coated diamond surface. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	6
35	Electron emission from nitrogen-containing diamond with narrow-gap coplanar electrodes. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FP08.	0.8	0
36	Diamond electronic devices fabricated using heavily doped hopping p ⁺ and n ⁺ layers. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FA12.	0.8	29

#	ARTICLE	IF	CITATIONS
37	Investigation of electron emission site of p ⁺ -i ⁻ n diode-type emitters with negative electron affinity. Japanese Journal of Applied Physics, 2014, 53, 05FP07.	0.8	0
38	Spectrally dependent photovoltages in Schottky photodiode based on (100) B-doped diamond. Journal of Applied Physics, 2014, 115, 053105.	1.1	12
39	Polarization-controlled dressed-photon-phonon etching of patterned diamond structures. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2339-2342.	0.8	7
40	Unique temperature dependence of deep ultraviolet emission intensity for diamond light emitting diodes. Japanese Journal of Applied Physics, 2014, 53, 05FP02.	0.8	4
41	Free exciton luminescence from a diamond p ⁺ -i ⁻ n diode grown on a substrate produced by heteroepitaxy. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2251-2256.	0.8	14
42	600 V Diamond Junction Field-Effect Transistors Operated at 200 ^o C. IEEE Electron Device Letters, 2014, 35, 241-243.	2.2	74
43	Deterministic Electrical Charge-State Initialization of Single Nitrogen-Vacancy Center in Diamond. Physical Review X, 2014, 4, .	2.8	41
44	Reduction of n ⁺ -type diamond contact resistance by graphite electrode. Physica Status Solidi - Rapid Research Letters, 2014, 8, 137-140.	1.2	16
45	Electrical characterization of diamond PiN diodes for high voltage applications. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2035-2039.	0.8	52
46	Fabrication of bipolar junction transistor on (001)-oriented diamond by utilizing phosphorus-doped n-type diamond base. Diamond and Related Materials, 2013, 34, 41-44.	1.8	38
47	Single photon, spin, and charge in diamond semiconductor at room temperature. , 2013, , .		0
48	Negative electron affinity of diamond and its application to high voltage vacuum power switches. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1961-1975.	0.8	53
49	Ab initio dynamics of field emission from diamond surfaces. Applied Physics Letters, 2013, 103, .	1.5	8
50	High-Temperature Operation of Diamond Junction Field-Effect Transistors With Lateral p-n Junctions. IEEE Electron Device Letters, 2013, 34, 1175-1177.	2.2	51
51	Formation of Graphene-on-Diamond Structure by Graphitization of Atomically Flat Diamond (111) Surface. Japanese Journal of Applied Physics, 2013, 52, 110121.	0.8	37
52	High-Voltage Vacuum Switch with a Diamond p ⁺ -i ⁻ n Diode Using Negative Electron Affinity. Japanese Journal of Applied Physics, 2012, 51, 090113.	0.8	17
53	Diamond bipolar junction transistor device with phosphorus-doped diamond base layer. Diamond and Related Materials, 2012, 27-28, 19-22.	1.8	51
54	Device Design of Diamond Schottky-pn Diode for Low-Loss Power Electronics. Japanese Journal of Applied Physics, 2012, 51, 090116.	0.8	6

#	ARTICLE	IF	CITATIONS
55	Electrically driven single-photon source at room temperature in diamond. <i>Nature Photonics</i> , 2012, 6, 299-303.	15.6	291
56	Diamond Junction Field-Effect Transistors with Selectively Grown n ⁺ -Side Gates. <i>Applied Physics Express</i> , 2012, 5, 091301.	1.1	61
57	Maskless Selective Growth Method for p-n Junction Applications on (001)-Oriented Diamond. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090118.	0.8	6
58	High-Voltage Vacuum Switch with a Diamond p-n Diode Using Negative Electron Affinity. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090113.	0.8	22
59	Device Design of Diamond Schottky-pn Diode for Low-Loss Power Electronics. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090116.	0.8	5
60	Maskless Selective Growth Method for p-n Junction Applications on (001)-Oriented Diamond. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090118.	0.8	5
61	Electron emission from CVD diamond p-n junctions with negative electron affinity during room temperature operation. <i>Diamond and Related Materials</i> , 2011, 20, 917-921.	1.8	10
62	Energy level of compensator states in (001) phosphorus-doped diamond. <i>Diamond and Related Materials</i> , 2011, 20, 1016-1019.	1.8	20
63	Carrier transport of diamond p-n junction diode fabricated using low-resistance hopping p and n layers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 937-942.	0.8	5
64	Electron emission from diamond p-n junction diode with heavily p-doped n ⁺ top layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2073-2078.	0.8	19
65	Enhancement in emission efficiency of diamond deep-ultraviolet light emitting diode. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	73
66	Electron emission by current injection from n-type diamond film surface with negative electron affinity. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2093-2098.	0.8	6
67	Improvement of (001)-oriented diamond p-i-n diode by use of selective grown n ⁺ layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2099-2104.	0.8	12
68	Diamond Schottky-pn diode without trade-off relationship between on-resistance and blocking voltage. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2105-2109.	0.8	34
69	Electron Emission from a Diamond (111) p-n Junction Diode with Negative Electron Affinity during Room Temperature Operation. <i>Applied Physics Express</i> , 2010, 3, 041301.	1.1	24
70	Electron Emission from Diamond (111) p-i-n Junction Diode. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1203, 1.	0.1	0
71	Diamond Schottky p-n diode with high forward current density. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2086-2090.	0.8	20
72	Doping-induced changes in the valence band edge structure of homoepitaxial B-doped diamond films below Mott's critical density. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 1991-1995.	0.8	5

#	ARTICLE	IF	CITATIONS
73	Diamond Schottky-pn diode with high forward current density and fast switching operation. Applied Physics Letters, 2009, 94, .	1.5	77
74	Flattening of oxidized diamond (111) surfaces with H ₂ SO ₄ /H ₂ O ₂ solutions. Diamond and Related Materials, 2009, 18, 213-215.	1.8	12
75	Characterization of specific contact resistance on heavily phosphorus-doped diamond films. Diamond and Related Materials, 2009, 18, 782-785.	1.8	35
76	Recovery of negative electron affinity by annealing on (111) oxidized diamond surfaces. Diamond and Related Materials, 2009, 18, 206-209.	1.8	9
77	High performance of diamond p+i-n+ junction diode fabricated using heavily doped p+ and n+ layers. Applied Physics Letters, 2009, 94, .	1.5	73
78	Electrical activity of doped phosphorus atoms in (001) n-type diamond. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2195-2199.	0.8	29
79	Fermi level pinning-free interface at metals/homoepitaxial diamond (111) films after oxidation treatments. Applied Physics Letters, 2008, 92, 112112.	1.5	14
80	Low specific contact resistance of heavily phosphorus-doped diamond film. Applied Physics Letters, 2008, 93, .	1.5	68
81	Photoelectron emission from heavily B-doped homoepitaxial diamond films. Diamond and Related Materials, 2008, 17, 813-816.	1.8	3
82	Electron emission suppression from hydrogen-terminated n-type diamond. Diamond and Related Materials, 2008, 17, 986-988.	1.8	13
83	Exciton-derived Electron Emission from (001) Diamond p-n Junction Diodes with Negative Electron Affinity. Applied Physics Express, 2008, 1, 015004.	1.1	8
84	Total Photoelectron Emission Yield Spectroscopy on Diamond Surfaces. Hyomen Kagaku, 2008, 29, 151-158.	0.0	0
85	Surface defect states analysis on diamond by photoelectron emission yield experiments. Diamond and Related Materials, 2007, 16, 823-825.	1.8	18
86	Surface electronic properties on boron doped (111) CVD homoepitaxial diamond films after oxidation treatments. Diamond and Related Materials, 2007, 16, 831-835.	1.8	6
87	Photoelectron emission properties of hydrogen terminated intrinsic diamond. Journal of Applied Physics, 2006, 99, 086102.	1.1	22
88	Alkene/Diamond Liquid/Solid Interface Characterization Using Internal Photoemission Spectroscopy. Langmuir, 2006, 22, 5645-5653.	1.6	31
89	Secondary photoelectron emission experiments on p-, intrinsic, and n-type diamond. Diamond and Related Materials, 2006, 15, 698-702.	1.8	16
90	Surface conductive layers on (111) diamonds after oxygen treatments. Diamond and Related Materials, 2006, 15, 692-697.	1.8	20

#	ARTICLE	IF	CITATIONS
91	Photochemical attachment of amine linker molecules on hydrogen terminated diamond. <i>Diamond and Related Materials</i> , 2006, 15, 1107-1112.	1.8	32
92	Electrochemical properties of undoped hydrogen terminated CVD diamond. <i>Diamond and Related Materials</i> , 2006, 15, 264-268.	1.8	46
93	Field emission process of O-terminated heavily P-doped homoepitaxial diamond. <i>Diamond and Related Materials</i> , 2006, 15, 863-865.	1.8	8
94	Temperature evolution of photocurrent spectra in undoped and boron-doped homoepitaxial CVD diamond film. <i>Diamond and Related Materials</i> , 2006, 15, 577-581.	1.8	7
95	Photoelectron emission from diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3100-3106.	0.8	29
96	Photo- and electrochemical bonding of DNA to single crystalline CVD diamond. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 3245-3272.	0.8	45
97	Hydrogen plasma etching mechanism on (001) diamond. <i>Journal of Crystal Growth</i> , 2006, 293, 311-317.	0.7	24
98	Photoelectron Emission Mechanism From Hydrogen Terminated Nano-Crystalline Diamond. <i>Materials Research Society Symposia Proceedings</i> , 2006, 956, 1.	0.1	3
99	Structure due to indirect exciton in photocurrent spectrum of homoepitaxial diamond film. <i>Solid State Communications</i> , 2005, 133, 469-472.	0.9	3
100	Negative electron affinity on hydrogen terminated diamond. <i>Physica Status Solidi A</i> , 2005, 202, 2098-2103.	1.7	21
101	Surface conductive layers on oxidized (111) diamonds. <i>Applied Physics Letters</i> , 2005, 87, 262107.	1.5	19
102	Direct observation of negative electron affinity in hydrogen-terminated diamond surfaces. <i>Applied Physics Letters</i> , 2005, 86, 152103.	1.5	148
103	Field emission mechanism of oxidized highly phosphorus-doped homoepitaxial diamond (111). <i>Applied Physics Letters</i> , 2005, 87, 234107.	1.5	24
104	Total photoyield experiments on hydrogen terminated n-type diamond. <i>Diamond and Related Materials</i> , 2005, 14, 2019-2022.	1.8	10
105	Muon spin relaxation in CVD polycrystalline diamond film. <i>Diamond and Related Materials</i> , 2004, 13, 709-712.	1.8	2
106	Band diagrams of intrinsic and p-type diamond with hydrogenated surfaces. <i>Physica Status Solidi A</i> , 2003, 199, 64-70.	1.7	15
107	Surface band bending and surface conductivity of hydrogenated diamond. <i>Physical Review B</i> , 2003, 68, .	1.1	88
108	Schottky junction properties of the high conductivity layer of diamond. <i>Diamond and Related Materials</i> , 2002, 11, 355-358.	1.8	31

#	ARTICLE	IF	CITATIONS
109	Misorientation angle dependence of surface morphology in homoepitaxial diamond film growth at a low CH ₄ /H ₂ ratio. <i>Journal of Crystal Growth</i> , 2002, 235, 300-306.	0.7	22
110	Device-grade homoepitaxial diamond film growth. <i>Journal of Crystal Growth</i> , 2002, 237-239, 1269-1276.	0.7	63
111	Structure of unepitaxial crystallites in a homoepitaxial diamond film. <i>Diamond and Related Materials</i> , 2001, 10, 2096-2098.	1.8	5
112	Cross-sectional TEM study of unepitaxial crystallites in a homoepitaxial diamond film. <i>Diamond and Related Materials</i> , 2001, 10, 2030-2034.	1.8	20
113	Origin of band-A emission in homoepitaxial diamond films. <i>Diamond and Related Materials</i> , 2001, 10, 526-530.	1.8	17
114	Device Grade B-Doped Homoepitaxial Diamond Thin Films. <i>Physica Status Solidi A</i> , 2001, 186, 269-280.	1.7	63
115	Defect Characteristics in Sulfur-Implanted CVD Homoepitaxial Diamond. <i>Solid State Phenomena</i> , 2001, 78-79, 171-176.	0.3	2
116	Defects Analysis of Diamond Films in Cross Section Using Cathodoluminescence and High-Resolution Transmission Electron Microscopy. <i>Solid State Phenomena</i> , 2001, 78-79, 197-204.	0.3	0
117	Diamond radiation detector made of an ultrahigh-purity type IIa diamond crystal grown by high-pressure and high-temperature synthesis. <i>Review of Scientific Instruments</i> , 2001, 72, 1406.	0.6	9
118	Origin of band-A emission in diamond thin films. <i>Physical Review B</i> , 2001, 63, .	1.1	81
119	Spatial uniformity of Schottky contacts between aluminum and hydrogenated homoepitaxial diamond films. <i>Applied Surface Science</i> , 2000, 159-160, 572-577.	3.1	17
120	Electrical conduction of high-conductivity layers near the surfaces in hydrogenated homoepitaxial diamond films. <i>Applied Surface Science</i> , 2000, 159-160, 567-571.	3.1	18
121	Cu/CaF ₂ /Diamond Metal-Insulator-Semiconductor Field-Effect Transistor Utilizing Self-Aligned Gate Fabrication Process. <i>Japanese Journal of Applied Physics</i> , 2000, 39, L908-L910.	0.8	32
122	Low-compensated boron-doped homoepitaxial diamond films. <i>Diamond and Related Materials</i> , 2000, 9, 956-959.	1.8	39
123	Homoepitaxial diamond films grown by step-flow mode in various misorientation angles of diamond substrates. <i>Diamond and Related Materials</i> , 2000, 9, 231-235.	1.8	50
124	High-Performance Diamond Metal-Semiconductor Field-Effect Transistor with 1 μm Gate Length. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L1222-L1224.	0.8	47
125	n-Type Control by Sulfur Ion Implantation in Homoepitaxial Diamond Films Grown by Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L1519-L1522.	0.8	60
126	Defects in Device Grade Homoepitaxial Diamond Thin Films Grown with Ultra-Low CH ₄ /H ₂ Conditions by Microwave-Plasma Chemical Vapor Deposition. <i>Physica Status Solidi A</i> , 1999, 174, 101-115.	1.7	42

#	ARTICLE	IF	CITATIONS
127	Low-Compensated Boron-Doped Homoepitaxial Diamond Films Using Trimethylboron. Physica Status Solidi A, 1999, 174, 59-64.	1.7	40
128	High quality homoepitaxial diamond thin film synthesis with high growth rate by a two-step growth method. Diamond and Related Materials, 1999, 8, 1046-1049.	1.8	34
129	Homoepitaxial diamond film with an atomically flat surface over a large area. Diamond and Related Materials, 1999, 8, 1272-1276.	1.8	100
130	A Study of the Origin of Band-A Emission in Homoepitaxial Diamond Thin Films. Materials Research Society Symposia Proceedings, 1999, 588, 87.	0.1	0
131	Cluster ion bombardment on atomically flat Au(111) solid surfaces. Materials Chemistry and Physics, 1998, 54, 76-79.	2.0	31
132	High-Quality B-Doped Homoepitaxial Diamond Films using Trimethylboron. Japanese Journal of Applied Physics, 1998, 37, L1129-L1131.	0.8	114
133	Spatially Resolved Cathodoluminescence Study on CVD Homoepitaxial Diamond Film. Solid State Phenomena, 1998, 63-64, 489-496.	0.3	5
134	Strong excitonic recombination radiation from homoepitaxial diamond thin films at room temperature. Applied Physics Letters, 1998, 73, 981-983.	1.5	92
135	Junction properties of homoepitaxial diamond films grown by step-flow mode. Journal of Applied Physics, 1998, 84, 6095-6099.	1.1	37
136	Study of Ar cluster ion bombardment of a sapphire surface. Nuclear Instruments & Methods in Physics Research B, 1997, 121, 493-497.	0.6	27
137	Shallow junction formation by polyatomic cluster ion implantation. Nuclear Instruments & Methods in Physics Research B, 1997, 121, 345-348.	0.6	39
138	Fullerene ion irradiation to silicon. Nuclear Instruments & Methods in Physics Research B, 1997, 121, 480-483.	0.6	9
139	STM observation of HOPG surfaces irradiated with Ar cluster ions. Nuclear Instruments & Methods in Physics Research B, 1997, 121, 498-502.	0.6	61
140	Surface processing by gas cluster ion beams at the atomic (molecular) level. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 781-785.	0.9	65
141	Investigation of damage formation by gas cluster ion bombardment. Nuclear Instruments & Methods in Physics Research B, 1996, 112, 89-93.	0.6	12
142	Effects of bombardment by high energy gas cluster ion beams. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1996, 217-218, 74-77.	2.6	16