Hans-Gerd Boyen

List of Publications by Year
in descending order

145 papers	10,062 citations	81900 39 h-index	34986 98 g-index
147 all docs	147 docs citations	147 times ranked	13134 citing authors

#	Article	IF	Citations
1	Intrinsic Thermal Instability of Methylammonium Lead Trihalide Perovskite. Advanced Energy Materials, 2015, 5, 1500477.	19.5	1,788
2	Perovskite-perovskite tandem photovoltaics with optimized band gaps. Science, 2016, 354, 861-865.	12.6	1,107
3	Perovskiteâ€Based Hybrid Solar Cells Exceeding 10% Efficiency with High Reproducibility Using a Thin Film Sandwich Approach. Advanced Materials, 2014, 26, 2041-2046.	21.0	637
4	Ordered Deposition of Inorganic Clusters from Micellar Block Copolymer Films. Langmuir, 2000, 16, 407-415.	3.5	594
5	Band Gap Tuning via Lattice Contraction and Octahedral Tilting in Perovskite Materials for Photovoltaics. Journal of the American Chemical Society, 2017, 139, 11117-11124.	13.7	570
6	Oxidation-Resistant Gold-55 Clusters. Science, 2002, 297, 1533-1536.	12.6	484
7	Assessing the toxicity of Pb- and Sn-based perovskite solar cells in model organism Danio rerio. Scientific Reports, 2016, 6, 18721.	3.3	396
8	Nanostructured surfaces from size-selected clusters. Nature Materials, 2003, 2, 443-448.	27.5	241
9	Micellar Nanoreactorsâ€"Preparation and Characterization of Hexagonally Ordered Arrays of Metallic Nanodots. Advanced Functional Materials, 2003, 13, 853-861.	14.9	216
10	Enhanced Orbital Magnetism inFe50Pt50Nanoparticles. Physical Review Letters, 2006, 97, 117201.	7.8	150
11	Influence of ironâ€"silicon interaction on the growth of carbon nanotubes produced by chemical vapor deposition. Applied Physics Letters, 2002, 80, 2383-2385.	3.3	142
12	Epitaxy of cubic boron nitride on (001)-oriented diamond. Nature Materials, 2003, 2, 312-315.	27.5	133
13	Oxidation of preferentially (111)-oriented Au films in an oxygen plasma investigated by scanning tunneling microscopy and photoelectron spectroscopy. Surface Science, 2001, 475, 1-10.	1.9	128
14	Alloy Formation of Supported Gold Nanoparticles at Their Transition from Clusters to Solids: Does Size Matter?. Physical Review Letters, 2005, 94, 016804.	7.8	128
15	Size effect of the resistivity of thin epitaxial gold films. Physical Review B, 2004, 70, .	3.2	116
16	An electron beam evaporated TiO₂layer for high efficiency planar perovskite solar cells on flexible polyethylene terephthalate substrates. Journal of Materials Chemistry A, 2015, 3, 22824-22829.	10.3	116
17	A New Approach to the Electrochemical Metallization of Organic Monolayers: Palladium Deposition onto a 4,4â€²-Dithiodipyridine Self-Assembled Monolayer. Advanced Materials, 2004, 16, 2024-2028.	21.0	115
18	A Micellar Route to Ordered Arrays of Magnetic Nanoparticles: From Size-Selected Pure Cobalt Dots to Cobaltâ€"Cobalt Oxide Coreâ€"Shell Systems. Advanced Functional Materials, 2003, 13, 359-364.	14.9	113

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19	A Micellar Approach to Magnetic Ultrahigh-Density Data-Storage Media: Extending the Limits of Current Colloidal Methods. Advanced Materials, 2007, 19, 406-410.	21.0	103
20	Towards Efficient Hybrid Solar Cells Based on Fully Polymer Infiltrated ZnO Nanorod Arrays. Advanced Materials, 2011, 23, 2802-2805.	21.0	100
21	A Universal Deposition Protocol for Planar Heterojunction Solar Cells with High Efficiency Based on Hybrid Lead Halide Perovskite Families. Advanced Materials, 2016, 28, 10701-10709.	21.0	100
22	Local density of states effects at the metal-molecule interfaces in a molecular device. Nature Materials, 2006, 5, 394-399.	27.5	98
23	Metal deposition onto thiol-covered gold: Platinum on a 4-mercaptopyridine SAM. Surface Science, 2005, 590, 146-153.	1.9	87
24	Sequential ion-induced stress relaxation and growth: A way to prepare stress-relieved thick films of cubic boron nitride. Applied Physics Letters, 2000, 76, 709-711.	3.3	85
25	Electron spectroscopy on boron nitride thin films:â€ƒComparison of near-surface to bulk electronic properties. Physical Review B, 1999, 59, 5233-5241.	3.2	82
26	Electronic and Magnetic Properties of Ligand-Free FePt Nanoparticles. Advanced Materials, 2005, 17, 574-578.	21.0	67
27	Gas Quenching for Perovskite Thin Film Deposition. Joule, 2018, 2, 1205-1209.	24.0	67
28	Lowering of the L10 ordering temperature of FePt nanoparticles by He+ ion irradiation. Applied Physics Letters, 2007, 90, 062508.	3.3	66
29	Chemically Induced Metal-to-Insulator Transition inAu55Clusters: Effect of Stabilizing Ligands on the Electronic Properties of Nanoparticles. Physical Review Letters, 2001, 87, 276401.	7.8	62
30	Environment versus sustainable energy: The case of lead halide perovskite-based solar cells. MRS Energy & Sustainability, 2018, 5, 1.	3.0	59
31	The impact of precursor water content on solution-processed organometal halide perovskite films and solar cells. Journal of Materials Chemistry A, 2015, 3, 19123-19128.	10.3	55
32	A Molecular Toolkit for the Functionalization of Titaniumâ€Based Biomaterials That Selectively Control Integrinâ€Mediated Cell Adhesion. Chemistry - A European Journal, 2013, 19, 9218-9223.	3.3	53
33	X-ray photoelectron spectroscopy study on gold nanoparticles supported on diamond. Physical Review B, 2002, 65, .	3.2	48
34	Influence of Interface Morphology onto the Photovoltaic Properties of Nanopatterned ZnO/Poly(3-hexylthiophene) Hybrid Solar Cells. An Impedance Spectroscopy Study. Journal of Physical Chemistry C, 2011, 115, 16695-16700.	3.1	45
35	Structureâ€“Property Relations of Methylamine Vapor Treated Hybrid Perovskite CH₃NH₃PbI₃ Films and Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 8092-8099.	8.0	44
36	Fire Safety of Lead Halide Perovskite Photovoltaics. ACS Energy Letters, 2019, 4, 873-878.	17.4	42

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37	Growth of thin, flat, epitaxial () oriented gold films on c-cut sapphire. Surface Science, 2002, 498, 168-174.	1.9	41
38	Magnetic moment of Fe in oxide-free FePt nanoparticles. Physical Review B, 2007, 76, .	3.2	41
39	Rhodium deposition onto a 4-mercaptopyridine SAM on Au(111). Electrochimica Acta, 2007, 52, 2740-2745.	5.2	40
40	From Colloidal Co/CoO Core/Shell Nanoparticles to Arrays of Metallic Nanomagnets: Surface Modification and Magnetic Properties. ChemPhysChem, 2005, 6, 2522-2526.	2.1	39
41	Substrate influence in Young's modulus determination of thin films by indentation methods: Cubic boron nitride as an example. Surface and Coatings Technology, 2006, 201, 3577-3587.	4.8	39
42	Nafion-Modified MoO_x as Effective Room-Temperature Hole Injection Layer for Stable, High-Performance Inverted Organic Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 3581-3589.	8.0	38
43	Controlling the Interparticle Spacing of Auâ˜Salt Loaded Micelles and Au Nanoparticles on Flat Surfaces. Langmuir, 2007, 23, 10150-10155.	3.5	36
44	Benchtop Fluorination of Fluorescent Nanodiamonds on a Preparative Scale: Toward Unusually Hydrophilic Bright Particles. Advanced Functional Materials, 2016, 26, 4134-4142.	14.9	36
45	Lead-Halide Perovskites Meet Donorâ€“Acceptor Charge-Transfer Complexes. Chemistry of Materials, 2019, 31, 6880-6888.	6.7	36
46	Experimental evidence for a nonparabolic nanoscale interface shift during the dissolution of Ni into bulk Au(111). Physical Review B, 2005, 71, .	3.2	35
47	Microstructure of the intermediate turbostratic boron nitride layer. Diamond and Related Materials, 2005, 14, 1474-1481.	3.9	34
48	Segregation Versus Colocalization: Orthogonally Functionalized Binary Micropatterned Substrates Regulate the Molecular Distribution in Focal Adhesions. Advanced Materials, 2015, 27, 3737-3747.	21.0	34
49	Relation between synthesis conditions, dopant position and charge carriers in aluminium-doped ZnO nanoparticles. RSC Advances, 2013, 3, 15254.	3.6	33
50	Ultrathin Ammonium Heptamolybdate Films as Efficient Room-Temperature Hole Transport Layers for Organic Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 16335-16343.	8.0	31
51	Organic phototransistors using poly(3-hexylthiophene) nanofibres. Nanotechnology, 2015, 26, 065201.	2.6	31
52	Surface plasma pretreatment for enhanced diamond nucleation on AlN. Applied Physics Letters, 2013, 102, .	3.3	29
53	A Molecular Double Decker: Extending the Limits of Current Metalâ€“Molecule Hybrid Structures. Angewandte Chemie - International Edition, 2010, 49, 341-345.	13.8	28
54	Inkjet Printing of PEDOT:PSS Based Conductive Patterns for 3D Forming Applications. Polymers, 2020, 12, 2915.	4.5	28

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55	On the Morphology and Stability of Au Nanoparticles on TiO2(110) Prepared from Micelle-Stabilized Precursors. Langmuir, 2006, 22, 7873-7880.	3.5	27
56	Chemical Interactions at Metal/Molecule Interfaces in Molecular Junctionsâ€"A Pathway Towards Molecular Recognition. Advanced Materials, 2009, 21, 320-324.	21.0	27
57	Fabrication of regularly arranged nanocolumns on diamond(100) using micellar masks. Journal of Applied Physics, 2000, 87, 7533-7538.	2.5	25
58	Cavity ring-down spectroscopy of metallic gold nanoparticles. European Physical Journal D, 2007, 45, 501-506.	1.3	24
59	Photon energy dependence of the dynamic final-state effect for metal clusters at surfaces. Physical Review B, 2004, 70, .	3.2	23
60	Transition from anomalous kinetics toward Fickian diffusion for Si dissolution into amorphous Ge. Applied Physics Letters, 2008, 92, .	3.3	23
61	Potentialâ€Induced Degradation and Recovery of Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900226.	5.8	23
62	Growth of cubic boron nitride films on Si by ion beam assisted deposition at the high temperatures. Diamond and Related Materials, 2004, 13, 473-481.	3.9	22
63	From self-organized masks to nanotips: A new concept for the preparation of densely packed arrays of diamond field emitters. Diamond and Related Materials, 2006, 15, 1689-1694.	3.9	22
64	Hexagonal boron nitride nanowalls: physical vapour deposition, 2D/3D morphology and spectroscopic analysis. Journal Physics D: Applied Physics, 2012, 45, 135302.	2.8	22
65	The Role of SnF₂ Additive on Interface Formation in All Leadâ€Free FASnI₃ Perovskite Solar Cells. Advanced Functional Materials, 2022, 32, .	14.9	22
66	Detection of hydrogen peroxide vapor by use of manganese(IV) oxide as catalyst for calorimetric gas sensors. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1372-1376.	1.8	21
67	Growth mechanism for epitaxial cubic boron nitride films on diamond substrates by ion beam assisted deposition. Diamond and Related Materials, 2004, 13, 1144-1148.	3.9	20
68	Heteroepitaxial growth of cubic boron nitride films on single-crystalline (001) diamond substrates. Applied Physics A: Materials Science and Processing, 2005, 80, 735-738.	2.3	20
69	Characterization of ultrathin insulating Al2O3 films grown on Nb(110)/sapphire(0001) by tunneling spectroscopy and microscopy. Journal of Applied Physics, 2003, 94, 1478-1484.	2.5	19
70	Purity of epitaxial cubic BoronNitride films on (001) Diamond â€" A prerequisite for their doping. Diamond and Related Materials, 2008, 17, 276-282.	3.9	19
71	Comparison of amorphous and liquid alloys by photoelectron spectroscopy. Materials Science and Engineering, 1988, 99, 257-260.	0.1	18
72	Photoelectron spectroscopic investigations of thin FexSi100â^'x films. Applied Surface Science, 1995, 91, 93-97.	6.1	18

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73	Low-temperature interface reactions in layered Au/Sb films:In situinvestigation of the formation of an amorphous phase. Physical Review B, 1995, 51, 1791-1802.	3.2	18
74	Electron energy loss spectroscopyâ€"An additional tool to characterize thin films of cubic boron nitride. Diamond and Related Materials, 1998, 7, 385-390.	3.9	18
75	Core level binding energy shifts in liquid binary alloys: Auî—‚Ga. Journal of Non-Crystalline Solids, 1993, 156-158, 241-245.	3.1	17
76	Magnetostructural effects in ligand stabilized Pd13 clusters: a density functional theory study. Nanoscale, 2012, 4, 4138.	5.6	17
77	Valence Band Photoelectron Spectroscopy of Liquid Silicon. Europhysics Letters, 1995, 31, 163-168.	2.0	16
78	The Self-organization of Metal Loaded Micelles - An Approach to Prepare Ordered Arrays of Metallic Nanoislands. Phase Transitions, 2003, 76, 307-313.	1.3	16
79	Effects of crystalline quality on the phase stability of cubic boron nitride thin films under medium-energy ion irradiation. Diamond and Related Materials, 2005, 14, 1482-1488.	3.9	16
80	Tracing Gold Nanoparticle Charge by Electrolyteâ^'Insulatorâ^'Semiconductor Devices. Journal of Physical Chemistry C, 2011, 115, 4439-4445.	3.1	16
81	Structure-Induced Minima in the Electronic Density of Statesâ€"A Comparison of the Amorphous with the Liquid State. Europhysics Letters, 1991, 15, 759-764.	2.0	15
82	Depth profiles of Argon incorporated into Boron Nitride films during preparation and their temperature dependent evolution. Diamond and Related Materials, 2003, 12, 37-46.	3.9	15
83	Effective exchange interaction in a quasi-two-dimensional self-assembled nanoparticle array. Physical Review B, 2004, 70, .	3.2	15
84	UV-induced functionalization of poly(divinylbenzene) nanoparticlesvia efficient [2 + 2]-photocycloadditions. Polymer Chemistry, 2013, 4, 4010-4016.	3.9	15
85	Controlled synthesis of ultrathin ZnO nanowires using micellar gold nanoparticles as catalyst templates. Nanoscale, 2013, 5, 7046.	5.6	15
86	Metallization of Ultraâ€Thin, Nonâ€Thiol SAMs with Flatâ€Lying Molecular Units: Pd on 1, 4â€Dicyanobenzene. ChemPhysChem, 2010, 11, 2951-2956.	2.1	14
87	Relation between Morphology and Recombination Kinetics in Nanostructured Hybrid Solar Cells. Journal of Physical Chemistry C, 2012, 116, 14237-14242.	3.1	14
88	Electronic structure of liquid tungsten studied by time-resolved photoelectron spectroscopy. Europhysics Letters, 2000, 49, 782-788.	2.0	13
89	Metallization of Organic Surfaces: Pd on Thiazole. Langmuir, 2010, 26, 4738-4742.	3.5	13
90	Impact of ammonium sulfide solution on electronic properties and ambient stability of germanium surfaces: towards Ge-based microelectronic devices. Journal of Materials Chemistry C, 2013, 1, 4105.	5.5	13

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91	Reversible restructuring of supported Au nanoparticles during butadiene hydrogenation revealed by operando GISAXS/GIWAXS. Chemical Communications, 2017, 53, 5159-5162.	4.1	13
92	Operationally Stable Perovskite Light Emitting Diodes with High Radiance. Advanced Optical Materials, 2021, 9, 2100586.	7.3	13
93	Ion beam assisted growth of c-BN films on top of c-BN substrates â€" a HRTEM study. Diamond and Related Materials, 2002, 11, 38-42.	3.9	12
94	Synthesis and characterization of (Cd,Zn)S buffer layer for Cu2ZnSnSe4solar cells. Journal Physics D: Applied Physics, 2017, 50, 285501.	2.8	12
95	Photoemission valence-band structure of Hume-Rothery-type metallic glasses. Journal of Physics Condensed Matter, 1990, 2, 7699-7705.	1.8	11
96	Fabrication of ohmic Au/Cr contacts on top of cubic Boron Nitride films. Diamond and Related Materials, 2007, 16, 46-49.	3.9	11
97	Evidence for phase separation of ethanol-water mixtures at the hydrogen terminated nanocrystalline diamond surface. Journal of Chemical Physics, 2012, 137, 044702.	3.0	11
98	Intermixing at Au-In interfaces as studied by photoelectron spectroscopy. Physical Review B, 1995, 51, 17096-17099.	3.2	10
99	Properties of a Co/Cu/Co spin-valve system prepared by an optimized 193Ânm pulsed laser deposition process. Applied Physics A: Materials Science and Processing, 2004, 78, 327-333.	2.3	10
100	Relationship between structural changes, hydrogen content and annealing in stacks of ultrathin Si/Ge amorphous layers. Nanoscale Research Letters, 2011, 6, 189.	5.7	10
101	Heat-transfer based characterization of DNA on synthetic sapphire chips. Sensors and Actuators B: Chemical, 2016, 230, 260-271.	7.8	10
102	Electrocatalytic Behavior of Pd and Pt Nanoislands Deposited onto 4,4â€²-Dithiodipyridine SAMs on Au(111). Electrocatalysis, 2018, 9, 505-513.	3.0	10
103	Resistivity and phonon softening in ion-irradiated epitaxial gold films. Journal of Applied Physics, 2004, 96, 7272-7277.	2.5	9
104	Hydrogen behaviour in amorphous Si/Ge nano-structures after annealing. Applied Surface Science, 2013, 267, 30-34.	6.1	9
105	Improved nanodiamond seeding on chromium by surface plasma pretreatment. Chemical Physics Letters, 2015, 640, 50-54.	2.6	9
106	Improved Field Electron Emission Properties of Phosphorus and Nitrogen Co-Doped Nanocrystalline Diamond Films. Nanomaterials, 2020, 10, 1024.	4.1	9
107	Photoelectron spectroscopy during pulsed laser melting of surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 2475-2479.	2.1	8
108	Interface reactions in [Fe/B] n multilayers: a way to tune from crystalline/amorphous layer sequences to homogeneous amorphous Fe x B 100-x films. Applied Physics A: Materials Science and Processing, 2003, 76, 5-13.	2.3	8

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109	Impact of Functional Groups onto the Electronic Structure of Metal Electrodes in Molecular Junctions. Journal of Physical Chemistry C, 2012, 116, 21810-21815.	3.1	8
110	Generalized approach to the description of recombination kinetics in bulk heterojunction solar cellsâ€"extending from fully organic to hybrid solar cells. Applied Physics Letters, 2012, 100, 203905.	3.3	8
111	Electronic structure of amorphous Feî—¸Zr alloys. Journal of Non-Crystalline Solids, 1993, 156-158, 246-250.	3.1	7
112	Ultrafast Selfâ€Assembly Using Ultrasound: A Facile Route to the Rapid Fabrication of Wellâ€Ordered Dense Arrays of Inorganic Nanostructures. Angewandte Chemie - International Edition, 2013, 52, 9709-9713.	13.8	7
113	Compositional engineering of tin-lead halide perovskites for efficient and stable low band gap solar cells. , 2018, , .		7
114	Time resolved valence band photoelectron spectroscopy of liquid palladium and molybdenum. Journal of Non-Crystalline Solids, 2000, 270, 1-5.	3.1	6
115	Structural phase transitions in ZrO2 films induced by ion bombardmentâ€"Argon irradiation versus implantation. Journal of Applied Physics, 2003, 93, 5251-5254.	2.5	6
116	Influence of ion induced amorphicity on the diffusion of gold into silicon. Journal of Applied Physics, 2006, 100, 063534.	2.5	6
117	Liquid-Phase Adsorption of Sulfur on Germanium: Reaction Mechanism and Atomic Geometry. Journal of Physical Chemistry C, 2013, 117, 7451-7458.	3.1	6
118	Interplay of the atomic and electronic structure in liquid and amorphous Alî—¸Ge alloys. Journal of Non-Crystalline Solids, 1993, 156-158, 236-240.	3.1	5
119	Time-resolved valence band photoelectron spectroscopy of liquid AuSn. Journal of Physics Condensed Matter, 1996, 8, 9373-9377.	1.8	5
120	Intraband transitions in simple metals: Evidence for non-Drude-like near-IR optical properties. Physical Review B, 1997, 56, 6502-6505.	3.2	5
121	Behaviour of discontinuous gold films on SrTiO3 substrates under annealing. Applied Surface Science, 2006, 253, 1160-1164.	6.1	5
122	Selective Protein Immobilization onto Gold Nanoparticles Deposited under Vacuum on a Protein-Repellent Self-Assembled Monolayer. Langmuir, 2013, 29, 15328-15335.	3.5	5
123	Homopolymers as nanocarriers for the loading of block copolymer micelles with metal salts: a facile way to large-scale ordered arrays of transition-metal nanoparticles. Journal of Materials Chemistry C, 2014, 2, 701-707.	5.5	5
124	Laser-Patternable Graphene Field Emitters for Plasma Displays. Nanomaterials, 2019, 9, 1493.	4.1	5
125	Electronic structure ofNbxMo100â^'xsolid solutions. Physical Review B, 1995, 52, 16410-16414.	3.2	4
126	Superconducting state of very thin Pd films deposited on a diluted insulating EuxSr1â^'xS ferromagnet. Physical Review B, 2011, 83, .	3.2	4

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127	How to exploit ion-induced stress relaxation to grow thick c-BN films. Pure and Applied Chemistry, 2002, 74, 489-492.	1.9	3
128	Electrical Resistivity of Epitaxial Au Films Surface-Modulated by Arrays of Pt Nanoparticles. European Journal of Inorganic Chemistry, 2005, 2005, 3691-3698.	2.0	3
129	The use of XAFS to determine the nature of interaction of iron and molybdenum metal salts within PS-b-P2VP micelles. Physical Chemistry Chemical Physics, 2013, 15, 1675-1681.	2.8	3
130	Magnetic characterization of oblique angle deposited Co/CoO on gold nanoparticles. Journal of Magnetism and Magnetic Materials, 2019, 483, 76-82.	2.3	3
131	Influence of thermal relaxation and ion bombardment on the electronic properties of amorphous SiAu films. Journal of Physics Condensed Matter, 1990, 2, 7115-7122.	1.8	2
132	Systematics in the electronic structure of amorphous transition metal/tin alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 133, 107-110.	5.6	2
133	Electronic structure of disordered bismuth alloys: a comparison of the amorphous with the liquid state. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1991, 133, 120-123.	5.6	2
134	Surface core level shifts in liquid metals and alloys. Journal of Non-Crystalline Solids, 1993, 156-158, 219-225.	3.1	2
135	Synchrotron radiation study on amorphous Auî—¸Sb and Auî—¸Sn. Journal of Non-Crystalline Solids, 1993, 156-158, 259-262.	3.1	2
136	Thermoelectricity of disordered films near the metalâ€“non-metal transition. Journal of Non-Crystalline Solids, 1999, 250-252, 791-794.	3.1	2
137	Mechanical and Tribological Properties of Epitaxial Cubic Boron Nitride Thin Films Grown on Diamond. Advanced Engineering Materials, 2008, 10, 482-487.	3.5	2
138	Hydrogen release in annealed hydrogenated aâ€Si/aâ€Ge multilayers. Crystal Research and Technology, 2011, 46, 877-880.	1.3	2
139	Dewetting of Patterned Silicon Substrates Leading to a Selective Deposition of Micellar-Based Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 10743-10752.	3.1	2
140	Surface core level shift for liquid and solid gallium. Journal of Non-Crystalline Solids, 1993, 156-158, 817-821.	3.1	1
141	Core level shifts in amorphous transition metal-tin alloys. Journal of Non-Crystalline Solids, 1993, 156-158, 263-267.	3.1	1
142	Angular momentum of conduction electron states. Journal of Non-Crystalline Solids, 1996, 205-207, 322-327.	3.1	1
143	Thermoelectric power and electrical resistance of thin, quench-condensed Sb/Au bilayers - a study of an amorphous phase at the interface. Journal of Physics Condensed Matter, 1996, 8, 6653-6663.	1.8	1
144	Interface-induced superconductivity in Pd films on SrS. , 2012, , .		0

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145	Getting rid of anti-solvents: gas quenching for high performance perovskite solar cells. , 2018, , .		0