

# Michael J. Ford

## List of Publications by Citations

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141  
papers

5,170  
citations

37  
h-index

68  
g-index

152  
ext. papers

6,053  
ext. citations

5.9  
avg, IF

5.96  
L-index

#	Paper	IF	Citations
141	Quantum emission from hexagonal boron nitride monolayers. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 37-41	28.7	675
140	Robust Multicolor Single Photon Emission from Point Defects in Hexagonal Boron Nitride. <i>ACS Nano</i> , <b>2016</b> , 10, 7331-8	16.7	285
139	Tunable and high-purity room temperature single-photon emission from atomic defects in hexagonal boron nitride. <i>Nature Communications</i> , <b>2017</b> , 8, 705	17.4	226
138	A review of the optical properties of alloys and intermetallics for plasmonics. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 143201	1.8	195
137	Search for the Ideal Plasmonic Nanoshell: The Effects of Surface Scattering and Alternatives to Gold and Silver. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 3041-3045	3.8	167
136	Mesoporous NiO crystals with dominantly exposed {110} reactive facets for ultrafast lithium storage. <i>Scientific Reports</i> , <b>2012</b> , 2, 924	4.9	138
135	Adsorption of Benzene on Copper, Silver, and Gold Surfaces. <i>Journal of Chemical Theory and Computation</i> , <b>2006</b> , 2, 1093-105	6.4	130
134	Optimization of plasmonic heating by gold nanospheres and nanoshells. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 10701-7	3.4	127
133	First-principles investigation of quantum emission from hBN defects. <i>Nanoscale</i> , <b>2017</b> , 9, 13575-13582	7.7	122
132	Adsorption of Amine Compounds on the Au(111) Surface: A Density Functional Study. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 13886-13891	3.8	115
131	Plasmon absorption in nanospheres: A comparison of sodium, potassium, aluminium, silver and gold. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 394, 184-187	2.8	92
130	Hydrogen adsorption capacity of adatoms on double carbon vacancies of graphene: A trend study from first principles. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	85
129	Gold surfaces and nanoparticles are protected by Au(0)-thiyl species and are destroyed when Au(I)-thiolates form. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E1424-33	11.5	83
128	Defect states in hexagonal boron nitride: Assignments of observed properties and prediction of properties relevant to quantum computation. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	81
127	Chemical analysis of the superatom model for sulfur-stabilized gold nanoparticles. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 8378-84	16.4	80
126	A plasmon-induced current loop in gold semi-shells. <i>Nanotechnology</i> , <b>2007</b> , 18, 235704	3.4	79
125	Identifying carbon as the source of visible single-photon emission from hexagonal boron nitride. <i>Nature Materials</i> , <b>2021</b> , 20, 321-328	27	78

124	Plasmonic Resonances of Closely Coupled Gold Nanosphere Chains. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 2784-2791	3.8	75
123	Competition of van der Waals and chemical forces on gold-sulfur surfaces and nanoparticles. <i>Nature Reviews Chemistry</i> , <b>2017</b> , 1,	34.6	72
122	Robust Solid-State Quantum System Operating at 800 K. <i>ACS Photonics</i> , <b>2017</b> , 4, 768-773	6.3	68
121	Single photon emission from plasma treated 2D hexagonal boron nitride. <i>Nanoscale</i> , <b>2018</b> , 10, 7957-7965	7.7	64
120	Li-ion adsorption and diffusion on two-dimensional silicon with defects: a first principles study. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 10690-5	9.5	63
119	Rapid and Controllable Sintering of Gold Nanoparticle Inks at Room Temperature Using a Chemical Agent. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 1325-1328	3.8	58
118	Theoretical study of ethynylbenzene adsorption on Au(111) and implications for a new class of self-assembled monolayer. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 20387-92	3.4	58
117	Low energy structures of gold nanoclusters in the size range 388 atoms. <i>Computational and Theoretical Chemistry</i> , <b>2004</b> , 686, 193-205		57
116	Tunable infrared absorption by metal nanoparticles: The case for gold rods and shells <b>2008</b> , 41, 5-14		53
115	Single-photon emitters in hexagonal boron nitride: a review of progress. <i>Reports on Progress in Physics</i> , <b>2020</b> , 83, 044501	14.4	52
114	Growth Kinetics and Modeling of ZnO Nanoparticles. <i>Journal of Chemical Education</i> , <b>2005</b> , 82, 775	2.4	51
113	Efficient and Fast Synthesis of Few-Layer Black Phosphorus via Microwave-Assisted Liquid-Phase Exfoliation. <i>Small Methods</i> , <b>2017</b> , 1, 1700260	12.8	47
112	Evaluation of van der Waals density functionals for layered materials. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	47
111	Efficient Production of Phosphorene Nanosheets via Shear Stress Mediated Exfoliation for Low-Temperature Perovskite Solar Cells. <i>Small Methods</i> , <b>2019</b> , 3, 1800521	12.8	42
110	Understanding and Calibrating Density-Functional-Theory Calculations Describing the Energy and Spectroscopy of Defect Sites in Hexagonal Boron Nitride. <i>Journal of Chemical Theory and Computation</i> , <b>2018</b> , 14, 1602-1613	6.4	42
109	Electronic band structure of beryllium oxide. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 3567-3581	1.8	42
108	Optical properties of intermetallic compounds from first principles calculations: a search for the ideal plasmonic material. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 144211	1.8	40
107	Anisotropic Optical Properties of Semitransparent Coatings of Gold Nanocaps. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 1457-1461	15.6	40

106	Electrocatalytic Activity of a 2D Phosphorene-Based Heteroelectrocatalyst for Photoelectrochemical Cells. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2644-2647	16.4	39
105	Ab initio study of benzene adsorption on the Cu(110) surface and simulation of STM images. <i>Surface Science</i> , <b>2004</b> , 548, 29-40	1.8	39
104	Effect of composition and packing configuration on the dichroic optical properties of coinage metal nanorods. <i>Physical Chemistry Chemical Physics</i> , <b>2006</b> , 8, 3520-7	3.6	37
103	Efficiency Enhancement of Single-Walled Carbon Nanotube-Silicon Heterojunction Solar Cells Using Microwave-Exfoliated Few-Layer Black Phosphorus. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1704488	15.6	36
102	Transmitting hertzian optical nanoantenna with free-electron feed. <i>Nano Letters</i> , <b>2010</b> , 10, 3250-2	11.5	36
101	Designing materials for plasmonic systems: the alkali-noble intermetallics. <i>Journal of Physics Condensed Matter</i> , <b>2010</b> , 22, 095501	1.8	35
100	Melting in small gold clusters: a density functional molecular dynamics study. <i>Journal of Physics Condensed Matter</i> , <b>2006</b> , 18, 55-74	1.8	35
99	The effect of surface symmetry on the adsorption energetics of SCH <sub>3</sub> on gold surfaces studied using Density Functional Theory. <i>Surface Science</i> , <b>2005</b> , 580, 19-29	1.8	35
98	Efficient Prediction of Structural and Electronic Properties of Hybrid 2D Materials Using Complementary DFT and Machine Learning Approaches. <i>Advanced Theory and Simulations</i> , <b>2019</b> , 2, 1800128	3.5	34
97	Ab initio molecular dynamical investigation of the finite temperature behavior of the tetrahedral Au <sub>19</sub> and Au <sub>20</sub> clusters. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 10769-75	2.8	33
96	A priori calculations of the free energy of formation from solution of polymorphic self-assembled monolayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6101-10	11.5	32
95	Anisotropic functionalization of upconversion nanoparticles. <i>Chemical Science</i> , <b>2018</b> , 9, 4352-4358	9.4	31
94	Role of activated chemisorption in gas-mediated electron beam induced deposition. <i>Physical Review Letters</i> , <b>2012</b> , 109, 146103	7.4	31
93	Exploring the performance of molecular rectifiers: limitations and factors affecting molecular rectification. <i>Nano Letters</i> , <b>2007</b> , 7, 3018-22	11.5	30
92	Investigation of the optical properties of hollow aluminium nano-caps. <i>Nanotechnology</i> , <b>2005</b> , 16, 3023-3028	3.4	30
91	Layer-by-Layer Assembly of Multilayer Thin Films for Organic Optoelectronic Devices. <i>Small Methods</i> , <b>2017</b> , 1, 1700264	12.8	29
90	Ethynylbenzene monolayers on gold: a metal-molecule binding motif derived from a hydrocarbon. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 3533-8	16.4	29
89	Core-shell nanoparticles with self-regulating plasmonic functionality. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	28

88	THE APPLICATION OF GOLD SURFACES AND PARTICLES IN NANOTECHNOLOGY. <i>Surface Review and Letters</i> , <b>2006</b> , 13, 297-307	1.1	28
87	Sulfur ligand mediated electrochemistry of gold surfaces and nanoparticles: What, how, and why. <i>Current Opinion in Electrochemistry</i> , <b>2017</b> , 1, 7-15	7.2	26
86	Universal scaling of local plasmons in chains of metal spheres. <i>Optics Express</i> , <b>2010</b> , 18, 7528-42	3.3	26
85	Electronic band structure of calcium oxide. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2004</b> , 141, 27-38	1.7	24
84	The electronic band structure of Li <sub>2</sub> O: testing theoretical predictions using electron momentum spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 3587-3598	1.8	23
83	The valence band structures of BeO, MgO, and CaO. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 8175-8182	3.9	23
82	Electronic band structure of magnesium and magnesium oxide: experiment and theory. <i>Journal of Physics Condensed Matter</i> , <b>1999</b> , 11, 7507-7522	1.8	23
81	Rectification in donor-acceptor molecular junctions. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 374108	1.8	22
80	Multiple detector triple coincidence spectrometer for (e,3e) electron impact double-ionization measurements. <i>Review of Scientific Instruments</i> , <b>1995</b> , 66, 3137-3143	1.7	22
79	Plasmonic heating and its possible exploitation in nanolithography. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 394, 188-192	2.8	21
78	Photoluminescence, photophysics, and photochemistry of the VB defect in hexagonal boron nitride. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	21
77	van der Waals forces control ferroelectric-antiferroelectric ordering in CuInPS and CuBiPSe laminar materials. <i>Chemical Science</i> , <b>2018</b> , 9, 7620-7627	9.4	21
76	Adsorption and dimerisation of thiol molecules on Au(111) using a Z-matrix approach in density functional theory. <i>Molecular Simulation</i> , <b>2006</b> , 32, 1219-1225	2	19
75	Systematic study of bimodal suspensions of latex nanoparticles using dynamic light scattering. <i>Advanced Powder Technology</i> , <b>2011</b> , 22, 290-293	4.6	18
74	The electronic structure of Be and BeO: benchmark EMS measurements and LCAO calculations. <i>Journal of Physics and Chemistry of Solids</i> , <b>2003</b> , 64, 495-505	3.9	18
73	(e,3e) observation of the angular correlation between ejected and Auger electrons in the double ionization of magnesium. <i>Physical Review A</i> , <b>1995</b> , 51, 418-423	2.6	17
72	Trends in the band structures of the group-I and -II oxides. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 10799-806	3.9	16
71	Energy-resolved momentum densities for the valence band of a nanoscale Si single crystal. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 125-136	1.8	16

70	Local plasmon resonances of metal-in-metal core-shells. <i>Optics Express</i> , <b>2014</b> , 22, 3186-98	3.3	14
69	Problems, successes and challenges for the application of dispersion-corrected density-functional theory combined with dispersion-based implicit solvent models to large-scale hydrophobic self-assembly and polymorphism. <i>Molecular Simulation</i> , <b>2016</b> , 42, 494-510	2	13
68	From Chaos to Order: Chain-Length Dependence of the Free Energy of Formation of Meso-tetraalkylporphyrin Self-Assembled Monolayer Polymorphs. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 1739-1748	3.8	13
67	Phonon pressure coefficients and deformation potentials of wurtzite AlN determined by uniaxial pressure-dependent Raman measurements. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	13
66	The effect of stretching thiyl and ethynyl Au molecular junctions. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 025207	1.8	13
65	Controlled Assembly of 1,4-Phenylenedimethanethiol Molecular Nanostructures. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2376-2380	9.6	13
64	Prediction of increased tunneling current by bond length stretch in molecular break junctions. <i>Chemical Physics Letters</i> , <b>2006</b> , 429, 503-506	2.5	13
63	Electron momentum spectroscopy and linear combination of atomic orbitals calculation of bulk Na <sub>2</sub> O. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 2155-2168	1.8	13
62	Liquid-Crystal Displays: Fabrication and Measurement of a Twisted Nematic Liquid-Crystal Cell. <i>Journal of Chemical Education</i> , <b>2004</b> , 81, 854	2.4	13
61	Edge effects on optically detected magnetic resonance of vacancy defects in hexagonal boron nitride. <i>Communications Physics</i> , <b>2020</b> , 3,	5.4	13
60	Phase transitions and optical properties of the semiconducting and metallic phases of single-layer MoS <sub>2</sub> . <i>Nanotechnology</i> , <b>2015</b> , 26, 435705	3.4	12
59	Valence-band energy-momentum densities of amorphous SiO <sub>2</sub> by (e,2e) spectroscopy. <i>Physical Review B</i> , <b>1998</b> , 57, 4349-4357	3.3	12
58	Localized Probing of Gas Molecule Adsorption Energies and Desorption Attempt Frequencies. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 15948-15953	3.8	11
57	Magnetic properties of stoichiometric and defective CoS. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 2356-2362	3.6	11
56	First principles calculations using density matrix divide-and-conquer within the SIESTA methodology. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 294208	1.8	11
55	Ab initio and empirical studies on the asymmetry of molecular current-voltage characteristics. <i>Journal of Physics Condensed Matter</i> , <b>2007</b> , 19, 215206	1.8	11
54	Preparation of a 10 nm thick single-crystal silicon membrane self-supporting over a diameter of 1 mm. <i>Applied Surface Science</i> , <b>2000</b> , 162-163, 359-367	6.7	11
53	Partitioning of Momentum in Electron-Impact Double Ionization of Magnesium. <i>Physical Review Letters</i> , <b>1996</b> , 77, 2650-2653	7.4	11

52	Accurate prediction of the properties of materials using the CAM-B3LYP density functional. <i>Journal of Computational Chemistry</i> , <b>2021</b> , 42, 1486-1497	3.5	11
51	Ab Initio Investigation of Water Adsorption and Hydrogen Evolution on CoS and CoS Low-Index Surfaces. <i>ACS Omega</i> , <b>2018</b> , 3, 12215-12228	3.9	11
50	van der Waals Forces Control the Internal Chemical Structure of Monolayers within the Lamellar Materials CuInP2S6 and CuBiP2Se6. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 22675-22687	3.8	11
49	Laser-induced assembly of gold nanoparticles into colloidal crystals. <i>Nanotechnology</i> , <b>2007</b> , 18, 365301	3.4	10
48	Conduction, storage, and leakage in particle-on-SAM nanocapacitors. <i>IEEE Nanotechnology Magazine</i> , <b>2005</b> , 4, 406-414	2.6	9
47	Implementation of a Z-matrix approach within the SIESTA periodic boundary conditions code and its application to surface adsorption. <i>Molecular Simulation</i> , <b>2006</b> , 32, 595-600	2	9
46	Energy and momentum resolved band structure of K2O : electron momentum spectroscopy and linear combination of atomic orbitals calculation. <i>Journal of Physics Condensed Matter</i> , <b>2003</b> , 15, 6955-6958	1.8	9
45	Electron-impact double ionization of magnesium. <i>Physical Review A</i> , <b>1998</b> , 57, 325-330	2.6	9
44	Histogramming data acquisition system for an (e,2e) coincidence experiment. <i>Review of Scientific Instruments</i> , <b>1992</b> , 63, 1922-1926	1.7	9
43	Convergence of Defect Energetics Calculations. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 21178-21183	3.8	9
42	Electrocatalytic Activity of a 2D Phosphorene-Based Heteroelectrocatalyst for Photoelectrochemical Cells. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2674-2677	3.6	8
41	Determination of the elastic properties of graphene by indentation and the validity of classical models of indentation. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 015307	1.8	8
40	Conduction band electronic structure of metallic beryllium. <i>Journal of Physics Condensed Matter</i> , <b>2001</b> , 13, 4203-4219	1.8	8
39	Theoretical spectroscopy of the VNNB defect in hexagonal boron nitride. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	8
38	The effect of reciprocal-space sampling and basis set quality on the calculated conductance of a molecular junction. <i>Molecular Simulation</i> , <b>2007</b> , 33, 897-904	2	7
37	Observation of near-infrared sub-Poissonian photon emission in hexagonal boron nitride at room temperature. <i>APL Photonics</i> , <b>2020</b> , 5, 076103	5.2	7
36	Molecular rectifiers based on donor/acceptor assemblies: effect of orientation of the components' magnetic moments. <i>Nanoscale</i> , <b>2013</b> , 5, 6518-24	7.7	6
35	Design of nanocapacitors and associated materials challenges. <i>Current Applied Physics</i> , <b>2004</b> , 4, 250-254	2.6	6

34	Electronic band structure of metallic calcium measured by electron momentum spectroscopy. <i>Journal of Physics Condensed Matter</i> , <b>2000</b> , 12, 9407-9423	1.8	6
33	Electron-Beam-Induced Deposition as a Technique for Analysis of Precursor Molecule Diffusion Barriers and Prefactors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 21408-15	9.5	5
32	Damping of Plasmons of Closely Coupled Sphere Chains Due to Disordered Gaps. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 1335-1343	3.8	5
31	High-performance Na ion cathodes based on the ubiquitous and reversible O redox reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 24120-24127	13	5
30	The ejected-electron spectra of manganese and samarium vapour atoms arising from autoionizing and Auger transitions following electron impact excitation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1990</b> , 23, 4247-4262	1.3	4
29	High Throughput Screening of Millions of van der Waals Heterostructures for Superlubricant Applications. <i>Advanced Theory and Simulations</i> , <b>2020</b> , 3, 2000029	3.5	4
28	Surface Adsorption <b>2017</b> , 387-416		3
27	Stability of the tetrahedral motif for small gold clusters in the size range 16-4 atoms. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2007</b> , 140, 177-181	3.1	3
26	Compton scattering study of electron momentum distribution in lithium fluoride using 662 keV gamma radiations. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 4309-4313	2.8	3
25	Measuring the electronic structure of disordered overlayers by electron momentum spectroscopy: the Cu/Si interface. <i>Surface and Interface Analysis</i> , <b>2006</b> , 38, 1236-1241	1.5	3
24	Quantum electrical characteristics of nanocapacitors		3
23	Compton profile of polycrystalline sodium chloride and sodium fluoride. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2005</b> , 234, 185-193	1.2	3
22	. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1987</b> , 20, 4241-4253		3
21	A bright future for engineering piezoelectric 2D crystals.. <i>Chemical Society Reviews</i> , <b>2021</b> ,	58.5	3
20	Indirect excitons in hydrogen-doped ZnO. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 115104	3	2
19	Role of knock-on in electron beam induced etching of diamond. <i>Carbon</i> , <b>2020</b> , 164, 51-58	10.4	2
18	Active control of the optical properties of nanoscale coatings using 'smart' nanoparticles <b>2007</b> ,		2
17	Absorption energetics and simulation of STM images for fluorobenzene on the Cu(110) surface. <i>Modelling and Simulation in Materials Science and Engineering</i> , <b>2004</b> , 12, 1109-1120	2	2



16	Time-resolved study of beryllium surface reactions using electron momentum spectroscopy of the core-level. <i>Surface Science</i> , <b>2001</b> , 495, 35-43	1.8	2
15	Structure, stability and water adsorption on ultra-thin TiO supported on TiN. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 25344-25361	3.6	2
14	Modeling of metal nanoparticles: Development of neural-network interatomic potential inspired by features of the modified embedded-atom method. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	1
13	SIESTA: Properties and Applications <b>2011</b> , 367-395		1
12	Electron tunneling in the presence of adsorbed molecules. <i>Surface Science</i> , <b>2007</b> , 601, 5715-5720	1.8	1
11	A new class of self-assembled monolayers on gold using an alkynyl group as a linker <b>2006</b> ,		1
10	<b>2006</b> ,		1
9	Effect of dipole moment on current-voltage characteristics of single molecules <b>2006</b> ,		1
8	Teaching Undergraduates Nanotechnology. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 827, 151		1
7	Energy-efficient coatings in the Nanohouse™ Initiative. <i>Current Applied Physics</i> , <b>2004</b> , 4, 381-384	2.6	1
6	Quantum Emission from Hexagonal Boron Nitride Monolayers <b>2016</b> ,		1
5	Ultra-bright emission from hexagonal boron nitride defects as a new platform for bio-imaging and bio-labelling <b>2016</b> ,		1
4	Superconductivity in intercalated buckled two-dimensional materials: KGe. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 24027-24032	3.6	1
3	Active Learning in Bayesian Neural Networks for Bandgap Predictions of Novel Van der Waals Heterostructures. <i>Advanced Intelligent Systems</i> , 2100080	6	1
2	Density functionals with asymptotic-potential corrections are required for the simulation of spectroscopic properties of materials.. <i>Chemical Science</i> , <b>2022</b> , 13, 1492-1503	9.4	0
1	Partitioning of Momentum in Electron-Impact Double Ionization <b>1997</b> , 85-92		