

# Haibin Su

## List of Publications by Year in descending order

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256  
papers

10,636  
citations

34105

52  
h-index

42399

92  
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267  
all docs

267  
docs citations

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times ranked

16803  
citing authors

#	ARTICLE	IF	CITATIONS
1	1- <i>Chloronaphthalene</i> -Induced Donor/Acceptor Vertical Distribution and Carrier Dynamics Changes in Nonfullerene Organic Solar Cells and the Governed Mechanism. <i>Small Methods</i> , 2022, 6, e2101475.	8.6	19
2	Mechanisms of Efficient Desalination by a Two-Dimensional Porous Nanosheet Prepared via Bottom-Up Assembly of Cucurbit[6]urils. <i>Membranes</i> , 2022, 12, 252.	3.0	1
3	Gauche Effect on 2D Phosphorus Allotropes™ Energetics. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8883-8888.	3.1	1
4	Molecular Insights into Small-Molecule Drug Discovery for SARS-CoV-2. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9789-9802.	13.8	50
5	Molecular Insights into Small-Molecule Drug Discovery for SARS-CoV-2. <i>Angewandte Chemie</i> , 2021, 133, 9873-9886.	2.0	9
6	Effect of varying the TD-Ic-DFTB range-separation parameter on charge and energy transfer in a model pentacene/buckminsterfullerene heterojunction. <i>Journal of Chemical Physics</i> , 2021, 154, 054102.	3.0	9
7	Use of rigid cucurbit[6]uril mediating selective water transport as a potential remedy to improve the permselectivity and durability of reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2021, 623, 119017.	8.2	18
8	One-Minute Synthesis via Electroless Reduction of Amorphous Phosphorus-Doped Graphene for Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2021, 4, 5388-5391.	5.1	9
9	Human Leukocyte Antigen Profile Predicts Severity of Autoimmune Liver Disease in Children of European Ancestry. <i>Hepatology</i> , 2021, 74, 2032-2046.	7.3	23
10	Optical detection of quantum geometric tensor in intrinsic semiconductors. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	6
11	Optical-field induced SU(2) pair potential in caesium lead halide perovskites. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150030.	2.0	0
12	Unraveling Dynamic Transitions in Time-Resolved Biomolecular Motions by A Dressed Diffusion Model. <i>Journal of Physical Chemistry A</i> , 2020, 124, 613-617.	2.5	5
13	A Facile Strategy To Prepare Smart Coatings with Autonomous Self-Healing and Self-Reporting Functions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4870-4877.	8.0	61
14	Anomalous Photoinduced Reconstructing and Dark Self-Healing Processes on Bi <sub>2</sub> O <sub>2</sub> S Nanoplates. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7832-7838.	4.6	7
15	Room Temperature Synthesis of Stable, Printable Cs <sub>3</sub> Cu <sub>2</sub> X <sub>5</sub> (X = I, Tl) <i>Chemistry of Materials</i> , 2020, 32, 5515-5524.	6.7	127
16	Identifying Different Spin Mixing Channels Occurring in Charge-Transfer States. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14832-14837.	3.1	6
17	Generalization of Langevin Dynamics from Spatio-Temporal Dressed Dynamics Perspective. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3269-3275.	2.5	3
18	Supramolecular Assemblies: Supramolecular Protein Assembly Retains Its Structural Integrity at Liquid-Liquid Interface (Adv. Mater. Interfaces 4/2020). <i>Advanced Materials Interfaces</i> , 2020, 7, 2070021.	3.7	1

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19	Supramolecular Protein Assembly Retains Its Structural Integrity at Liquid-Liquid Interface. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901674.	3.7	4
20	Electrochemical properties of p-terphenyl based lithium solvated electron solutions. <i>Journal of Electroanalytical Chemistry</i> , 2020, 875, 114148.	3.8	1
21	On fractional charge in molecules and materials. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	1.4	1
22	Orbital-adapted electronic structure and anisotropic transport in $\text{O}_3/\text{SrTiO}_3$ heterostructure. <i>Physical Review Materials</i> , 2020, 4, .		
23	Epitaxial engineering of flat silver fluoride cuprate analogs. <i>Physical Review Materials</i> , 2020, 4, .	2.4	17
24	Structural design of microbicidal cationic oligomers and their synergistic interaction with azoles against <i>Candida albicans</i> . <i>Scientific Reports</i> , 2019, 9, 11885.	3.3	8
25	New insights into Li diffusion in Si alloys for Si anode materials: role of Si microstructures. <i>Nanoscale</i> , 2019, 11, 14042-14049.	5.6	17
26	Optical response of the chiral topological semimetal RhSi. <i>Physical Review B</i> , 2019, 100, .	3.2	13
27	Local Density Approximation for the Short-Range Exchange Free Energy Functional. <i>ACS Omega</i> , 2019, 4, 7675-7683.	3.5	16
28	Electrochemical Properties of Anthracene-Based Lithium-Solvated Electron Solutions. <i>ACS Omega</i> , 2019, 4, 4707-4711.	3.5	2
29	Method to extract multiple states in $F_1$ -ATPase rotation experiments from jump distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25456-25461.	7.1	5
30	Comparison of satellite reflectance algorithms for estimating turbidity and cyanobacterial concentrations in productive freshwaters using hyperspectral aircraft imagery and dense coincident surface observations. <i>Journal of Great Lakes Research</i> , 2019, 45, 413-433.	1.9	14
31	Bathymetry retrieval from optical images with spatially distributed support vector machines. <i>GIScience and Remote Sensing</i> , 2019, 56, 323-337.	5.9	44
32	$\text{NaPN}_2$ : Deep-ultraviolet nonlinear optical material with unprecedented strong second-harmonic generation coefficient. <i>Physical Review Materials</i> , 2019, 3, .	2.4	11
33	Theoretical Modeling, Facile Fabrication, and Experimental Study of Optimally Bound Bilirubin Oxidase on Palladium Nanoparticles for Enhanced Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2018, 8, 4950-4954.	11.2	3
34	Structural evolution dynamics in fusion of sumanenes and corannulenes: defects formation and self-healing mechanism. <i>Nano Futures</i> , 2018, 2, 025001.	2.2	0
35	Coupled Mutations-Enabled Glycerol Transportation in an Aquaporin Z Mutant. <i>ACS Omega</i> , 2018, 3, 4113-4122.	3.5	3
36	Second harmonic generation in the Weyl semimetal TaAs from a quantum kinetic equation. <i>Physical Review B</i> , 2018, 97, .	3.2	32

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37	Universal Transient Dynamics of Electrowetting Droplets. <i>Scientific Reports</i> , 2018, 8, 836.	3.3	25
38	Anisotropic Electronic Characteristics, Adsorption, and Stability of Low-Index BiVO <sub>4</sub> Surfaces for Photoelectrochemical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5475-5484.	8.0	93
39	Combination Therapy Strategy of Quorum Quenching Enzyme and Quorum Sensing Inhibitor in Suppressing Multiple Quorum Sensing Pathways of <i>P. aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 1155.	3.3	60
40	Deriving Bathymetry From Optical Images With a Localized Neural Network Algorithm. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 5334-5342.	6.3	54
41	Elucidation of thermally induced internal porosity in zinc oxide nanorods. <i>Nano Research</i> , 2018, 11, 2412-2423.	10.4	10
42	Electronic properties of the coronene series from thermally-assisted-occupation density functional theory. <i>RSC Advances</i> , 2018, 8, 34350-34358.	3.6	21
43	Electrical and electrochemical properties of triphenylene based lithium solvated electron solutions. <i>Electrochimica Acta</i> , 2018, 292, 142-146.	5.2	4
44	Evaluating the portability of satellite derived chlorophyll-a algorithms for temperate inland lakes using airborne hyperspectral imagery and dense surface observations. <i>Harmful Algae</i> , 2018, 76, 35-46.	4.8	22
45	Momentum distribution and contacts of one-dimensional spinless Fermi gases with an attractive $p$ -wave interaction. <i>Physical Review A</i> , 2018, 98, .	2.5	15
46	Stratification Modelling of Key Bacterial Taxa Driven by Metabolic Dynamics in Meromictic Lakes. <i>Scientific Reports</i> , 2018, 8, 9538.	3.3	3
47	Be <sub>12</sub> O <sub>12</sub> Nano-cage as a Promising Catalyst for CO <sub>2</sub> Hydrogenation. <i>Scientific Reports</i> , 2017, 7, 40562.	3.3	6
48	Enhanced CO <sub>2</sub> electroreduction on armchair graphene nanoribbons edge-decorated with copper. <i>Nano Research</i> , 2017, 10, 1641-1650.	10.4	35
49	Ab initio investigation of Jahn-Teller-distortion-tuned Li-ion migration in $\delta$ -MnO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , 2017, 5, 9618-9626.	10.3	23
50	Predicted Weyl fermions in magnetic GdBi and GdSb. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750217.	2.0	13
51	Chiral Pentagon Only Diamond-like Structures. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13810-13815.	3.1	13
52	Role of Water in Catalyzing Proton Transfer in Glucose Dehydration to 5-Hydroxymethylfurfural. <i>ChemCatChem</i> , 2017, 9, 2784-2789.	3.7	27
53	NHC-Ag/Pd-Catalyzed Reductive Carboxylation of Terminal Alkynes with CO <sub>2</sub> and H <sub>2</sub> : A Combined Experimental and Computational Study for Fine-Tuned Selectivity. <i>ChemSusChem</i> , 2017, 10, 836-841.	6.8	26
54	Pseudo-topotactic conversion of carbon nanotubes to T-carbon nanowires under picosecond laser irradiation in methanol. <i>Nature Communications</i> , 2017, 8, 683.	12.8	184

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55	Significance of monitoring plasma concentration of voriconazole in a patient with liver failure. <i>Medicine (United States)</i> , 2017, 96, e8039.	1.0	8
56	Second-harmonic generation in noncentrosymmetric phosphates. <i>Physical Review B</i> , 2017, 96, .	3.2	37
57	Theoretical Insight into the Mechanism of Photoelectrochemical Oxygen Evolution Reaction on BiVO <sub>4</sub> Anode with Oxygen Vacancy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18702-18709.	3.1	89
58	Squid Suckerin Biomimetic Peptides Form Amyloid-like Crystals with Robust Mechanical Properties. <i>Biomacromolecules</i> , 2017, 18, 4240-4248.	5.4	21
59	Band topologies of hexaborides CaB <sub>6</sub> and EuB <sub>6</sub> . <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	2
60	Dielectric relaxation in AC powder electroluminescent devices. <i>Solid State Communications</i> , 2017, 250, 53-56.	1.9	7
61	A Pilot Study of Mesenchymal Stem Cell Therapy for Acute Liver Allograft Rejection. <i>Stem Cells Translational Medicine</i> , 2017, 6, 2053-2061.	3.3	86
62	Mid-infrared supercontinuum generation by nanosecond diode pumping. , 2017, , .		0
63	Opto-impedance spectroscopy and equivalent circuit analyses of AC powder electroluminescent devices. <i>Optics Express</i> , 2017, 25, A454.	3.4	11
64	Frontispiz: Theoretical Modelling and Facile Synthesis of a Highly Active Boron-Doped Palladium Catalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0
65	Mechanistic Study on Oxorheniumâ€Catalyzed Deoxydehydration and Allylic Alcohol Isomerization. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1565-1571.	3.3	13
66	Ultrafast Killing and Selfâ€Cgelling Antimicrobial Imidazolium Oligomers. <i>Small</i> , 2016, 12, 1928-1934.	10.0	27
67	Frontispiece: Theoretical Modelling and Facile Synthesis of a Highly Active Boron-Doped Palladium Catalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0
68	Catalysis mechanisms of CO <sub>2</sub> and CO methanation. <i>Catalysis Science and Technology</i> , 2016, 6, 4048-4058.	4.1	316
69	Fractional Mott insulator-to-superfluid transition of Boseâ€CHubbard model in a trimerized KagomÃ© optical lattice. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 256001.	1.8	3
70	Color tunable hybrid AC powder electroluminescent devices with organic fluorescent materials. <i>Optical Materials Express</i> , 2016, 6, 2879.	3.0	17
71	Modular peptides from the thermoplastic squid sucker ring teeth form amyloid-like cross- $\beta^2$ supramolecular networks. <i>Acta Biomaterialia</i> , 2016, 46, 41-54.	8.3	29
72	A graph-based approach for assessing storm-induced coastal changes. <i>International Journal of Remote Sensing</i> , 2016, 37, 4854-4873.	2.9	4

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73	Curvature-Dependent Selectivity of CO <sub>2</sub> Electrocatalytic Reduction on Cobalt Porphyrin Nanotubes. ACS Catalysis, 2016, 6, 6294-6301.	11.2	113
74	Low-Cost Phase-Selective Organogelators for Rapid Gelation of Crude Oils at Room Temperature. Langmuir, 2016, 32, 13510-13516.	3.5	46
75	Computation-guided improved one-pot synthesis of macrocyclic cation-binding aromatic pyridone pentamers. Organic and Biomolecular Chemistry, 2016, 14, 9961-9965.	2.8	0
76	Nonlinear electronic polarization and optical response in borophosphate $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BPO} \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle / \text{mml:mn} \rangle \langle \text{mml:m} \rangle \langle \text{mml:msub} \rangle \langle / \text{mml:msub} \rangle \langle / \text{mml:math} \rangle$ Physical Review B, 2016, 93, .		
77	Nanoparticulate Contrast Agents for Multimodality Molecular Imaging. Journal of Biomedical Nanotechnology, 2016, 12, 1553-1584.	1.1	30
78	Phosphorene: from theory to applications. Nature Reviews Materials, 2016, 1, .	48.7	815
79	Theoretical Modelling and Facile Synthesis of a Highly Active Boron-Doped Palladium Catalyst for the Oxygen Reduction Reaction. Angewandte Chemie, 2016, 128, 6956-6961.	2.0	11
80	Theoretical Modelling and Facile Synthesis of a Highly Active Boron-Doped Palladium Catalyst for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2016, 55, 6842-6847.	13.8	92
81	CTAB-Influenced Electrochemical Dissolution of Silver Dendrites. Langmuir, 2016, 32, 3601-3607.	3.5	22
82	Synthesis and characterization of three thienopyridazine-based copolymers and their application in OFET. Tetrahedron Letters, 2016, 57, 1523-1527.	1.4	12
83	Acid Dissociation of 3-Mercaptopropionic Acid Coated CdSe@CdS/Cd <sub>0.5</sub> Zn <sub>0.5</sub> S/ZnS Core@Multishell Quantum Dot and Strong Ionic Interaction with Ca <sup>2+</sup> Ion. Journal of Physical Chemistry C, 2016, 120, 3519-3529.	3.1	15
84	A highly active Pd@P nanoparticle electrocatalyst for enhanced formic acid oxidation synthesized via stepwise electroless deposition. Chemical Communications, 2016, 52, 3556-3559.	4.1	43
85	Comparison of satellite reflectance algorithms for estimating chlorophyll-a in a temperate reservoir using coincident hyperspectral aircraft imagery and dense coincident surface observations. Remote Sensing of Environment, 2016, 178, 15-30.	11.0	92
86	Nanodroplet-Mediated Assembly of Platinum Nanoparticle Rings in Solution. Nano Letters, 2016, 16, 1092-1096.	9.1	38
87	The acceleration of methanol synthesis and C <sub>2</sub> oxygenates formation on copper grain boundary from syngas. Applied Catalysis A: General, 2016, 509, 97-104.	4.3	23
88	The selectivity and activity of catalyst for CO hydrogenation to methanol and hydrocarbon: A comparative study on Cu, Co and Ni surfaces. Surface Science, 2016, 645, 30-40.	1.9	15
89	Mechanical properties of sandwich composite made of syntactic foam core and GFRP skins. AIMS Materials Science, 2016, 3, 1704-1727.	1.4	13
90	GdN thin film: Chern insulating state on square lattice. Physical Review B, 2015, 92, .	3.2	14

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91	Renormalization spectrum renormalization by enforced coupling across the van der Waals gap between $\text{MoS}_2$ and $\text{S}_2$ . <i>Physical Review B</i> , 2015, 91, .	3.2	30
92	Electronic structure of the antiferromagnetic topological insulator candidate GdBiPt. <i>Physical Review B</i> , 2015, 91, .	3.2	18
93	Theoretical analysis of structures and electronic spectra in molecular cadmium chalcogenide clusters. <i>Journal of Chemical Physics</i> , 2015, 142, 234305.	3.0	18
94	Self-sorting heterodimeric coiled coil peptides with defined and tuneable self-assembly properties. <i>Scientific Reports</i> , 2015, 5, 14063.	3.3	54
95	Electronic Properties of Fluoride and Half-fluoride Superlattices $\text{KZnF}_3/\text{KAgF}_3$ and $\text{SrTiO}_3/\text{KAgF}_3$ . <i>Scientific Reports</i> , 2015, 5, 15849.	3.3	14
96	Orbital-dependent Electron-Hole Interaction in Graphene and Associated Multi-Layer Structures. <i>Scientific Reports</i> , 2015, 5, 17337.	3.3	6
97	Computational Investigation of the $1,4\text{-Rh}$ Shift in the $[(\text{Ph})_2\text{PCH}_2\text{CH}_2\text{PPh}_2\text{Rh}]$ -Catalyzed Alkyne Arylation Reaction. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7114-7121.	2.4	8
98	Magnetic field sensor based on magnetic-fluid-coated long-period fiber grating. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 065402.	2.2	22
99	Formation of $\text{Os}(\text{I})$ hexacarbonyl complexes by trans-1,2-bis(diphenylphosphino)ethylene and bis(bidentate) ligands. <i>Journal of Organometallic Chemistry</i> , 2015, 792, 211-219.	1.8	7
100	Highly sensitive magnetic field sensor using long-period fiber grating. , 2015, .		2
101	Prediction of Water Depth From Multispectral Satellite Imagery—The Regression Kriging Alternative. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 2511-2515.	3.1	46
102	Excitonic Character in Optical Properties of Tetrahedral $\text{CdX}$ ( $X = \text{S}, \text{Se}, \text{Te}$ ) Clusters. <i>Journal of Physical Chemistry C</i> , 2015, 119, 29171-29177.	3.1	16
103	An enzyme mimic ammonium polymer as a single catalyst for glucose dehydration to 5-hydroxymethylfurfural. <i>Green Chemistry</i> , 2015, 17, 2348-2352.	9.0	59
104	Elucidating the role of disorder and free-carrier recombination kinetics in $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite films. <i>Nature Communications</i> , 2015, 6, 7903.	12.8	132
105	Magnetism in graphene oxide induced by epoxy groups. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	41
106	Structural, Nanomechanical, and Computational Characterization of $\text{D}$ -Cyclic Peptide Assemblies. <i>ACS Nano</i> , 2015, 9, 3360-3368.	14.6	39
107	Miniature temperature sensor with germania-core optical fiber. <i>Optics Express</i> , 2015, 23, 17687.	3.4	19
108	$\text{CO}_2$ Electroreduction Performance of Transition Metal Dimers Supported on Graphene: A Theoretical Study. <i>ACS Catalysis</i> , 2015, 5, 6658-6664.	11.2	227

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109	Random Laser With Multiphase-Shifted Bragg Grating in Er/Yb-Codoped Fiber. <i>Journal of Lightwave Technology</i> , 2015, 33, 95-99.	4.6	32
110	Chain growth mechanism on bimetallic surfaces for higher alcohol synthesis from syngas. <i>Catalysis Communications</i> , 2015, 61, 57-61.	3.3	37
111	Optical fiber magnetic field sensor based on magnetic fluid and microfiber mode interferometer. <i>Optics Communications</i> , 2015, 336, 5-8.	2.1	80
112	Mid-infrared Raman sources with highly GeO <sub>2</sub> -doped silica optical fibers. , 2015, , .		0
113	First Principles (DFT) Characterization of Rh <sup>I</sup> /dppp-Catalyzed C <sub>12</sub> H <sub>14</sub> Activation by Tandem 1,2-Addition/1,4-Rh Shift Reactions of Norbornene to Phenylboronic Acid. <i>Chemistry - A European Journal</i> , 2014, 20, 15625-15634.	3.3	13
114	Cytokine IL-6 is required in <i>Citrobacter rodentium</i> infection-induced intestinal Th17 responses and promotes IL-22 expression in inflammatory bowel disease. <i>Molecular Medicine Reports</i> , 2014, 9, 831-836.	2.4	26
115	Bonding Pathways of Gold Nanocrystals in Solution. <i>Nano Letters</i> , 2014, 14, 6639-6643.	9.1	87
116	A clinical-pathological analysis of hepatitis B virus recurrence after liver transplantation in Chinese patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 554-560.	2.8	17
117	Comparative Studies on Rigid-Linker-Based Organic Dyes: Structure-Property Relationships and Photovoltaic Performance. <i>ChemSusChem</i> , 2014, 7, 3396-3406.	6.8	7
118	Autoantibody and Human Leukocyte Antigen Profiles in Children With Autoimmune Liver Disease and Their First-Degree Relatives. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 58, 457-462.	1.8	19
119	Highly Efficient Chemical Process To Convert Mucic Acid into Adipic Acid and DFT Studies of the Mechanism of the Rhenium-Catalyzed Deoxydehydration. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4200-4204.	13.8	112
120	Geographically Adaptive Inversion Model for Improving Bathymetric Retrieval From Satellite Multispectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 465-476.	6.3	59
121	Exciton Characteristics in Graphene Epoxide. <i>ACS Nano</i> , 2014, 8, 1284-1289.	14.6	31
122	Textured fluorapatite bonded to calcium sulphate strengthen stomatopod raptorial appendages. <i>Nature Communications</i> , 2014, 5, 3187.	12.8	103
123	The mechanism of transforming diamond nanowires to carbon nanostructures. <i>Nanotechnology</i> , 2014, 25, 035601.	2.6	5
124	Merging of metal nanoparticles driven by selective wettability of silver nanostructures. <i>Nature Communications</i> , 2014, 5, 2994.	12.8	61
125	Interface-induced magnetic coupling in multiferroic/ferromagnetic bilayer: An ultrafast pump-probe study. <i>Applied Physics Letters</i> , 2014, 104, 141602.	3.3	7
126	Tunable Erbium-Doped Fiber Laser Based on Random Distributed Feedback. <i>IEEE Photonics Journal</i> , 2014, 6, 1-5.	2.0	27



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127	Magnetic ions in wide band gap semiconductor nanocrystals for optimized thermoelectric properties. <i>Materials Horizons</i> , 2014, 1, 81-86.	12.2	87
128	Erbium-doped fiber laser with distributed Rayleigh output mirror. <i>Laser Physics</i> , 2014, 24, 115101.	1.2	28
129	Computed and Experimental Absorption Spectra of the Perovskite $\text{CH}_3\text{NH}_3\text{PbI}_3$ . <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3061-3065.	4.6	94
130	Excitonic Photoluminescence from Nanodisc States in Graphene Oxides. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1754-1759.	4.6	53
131	Single-Crystalline, Ultrathin $\text{ZnGa}_2\text{O}_4$ Nanosheet Scaffolds To Promote Photocatalytic Activity in $\text{CO}_2$ Reduction into Methane. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 2356-2361.	8.0	151
132	Phase Diagram of Solid-Phase Transformation in Amorphous Carbon Nanorods. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9163-9172.	2.5	3
133	Power-referenced refractometer with tilted fiber Bragg grating cascaded by chirped grating. <i>Optics Communications</i> , 2014, 312, 106-109.	2.1	22
134	Newly Developed Stepwise Electroless Deposition Enables a Remarkably Facile Synthesis of Highly Active and Stable Amorphous Pd Nanoparticle Electrocatalysts for Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , 2014, 136, 5217-5220.	13.7	132
135	Insight into Proton Transfer in Phosphotungstic Acid Functionalized Mesoporous Silica-Based Proton Exchange Membrane Fuel Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 4954-4964.	13.7	147
136	Ab initio simulation of electronic and mechanical properties of aluminium for fatigue early feature investigation. <i>International Journal of Nanotechnology</i> , 2014, 11, 373.	0.2	2
137	Cuprate-like Electronic Properties in Superlattices with $\text{AgIIF}_2$ Square Sheet. <i>Scientific Reports</i> , 2014, 4, 5420.	3.3	18
138	Terahertz Conductivity of Twisted Bilayer Graphene. <i>Physical Review Letters</i> , 2013, 110, 067401.	7.8	73
139	Quantum confinement-induced tunable exciton states in graphene oxide. <i>Scientific Reports</i> , 2013, 3, 2250.	3.3	52
140	Investigation of work function and surface energy of aluminum: An ab-initio study. , 2013, , .		5
141	Alcohol dehydrogenase-specific T-cell responses are associated with alcohol consumption in patients with alcohol-related cirrhosis. <i>Hepatology</i> , 2013, 58, 314-324.	7.3	33
142	Chirally selective growth and extraction of single-wall carbon nanotubes via fullerene nano-peapods. <i>RSC Advances</i> , 2013, 3, 16954.	3.6	16
143	The structural and bonding evolution in cysteine-gold cluster complexes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 1690-1698.	2.8	38
144	Characteristics of $\text{V}\alpha_1^+$ and $\text{V}\alpha_2^+$ T cell subsets in acute liver allograft rejection. <i>Transplant Immunology</i> , 2013, 29, 118-122.	1.2	10

#	ARTICLE	IF	CITATIONS
145	Arene CH <sub>2</sub> O Hydrogen Bonding: A Stereocontrolling Tool in Palladium-Catalyzed Arylation and Vinylation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4906-4911.	13.8	82
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147	Dissimilar stability of proteins in graphene bilayer: a molecular dynamics study. <i>Molecular Physics</i> , 2013, 111, 545-552.	1.7	7
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