

# Chi Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

396  
papers

9,934  
citations

51  
h-index

80  
g-index

425  
ext. papers

11,752  
ext. citations

6.6  
avg, IF

6.65  
L-index

#	Paper	IF	Citations
396	Oxidation-State-Dependent Nonlinear Absorption of Prussian Blue. <i>Journal of Electronic Materials</i> , <b>2022</b> , 51, 249	1.9	0
395	Zero-Strain High-Capacity Silicon/Carbon Anode Enabled by a MOF-Derived Space-Confined Single-Atom Catalytic Strategy for Lithium-Ion Batteries.. <i>Advanced Materials</i> , <b>2022</b> , e2200894	24	6
394	Strong SHG Responses in a Beryllium-Free Deep-UV-Transparent Hydroxyborate via Covalent Bond Modification. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	8
393	Strong SHG Responses in a Beryllium-Free Deep-UV-Transparent Hydroxyborate via Covalent Bond Modification. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 27357	3.6	1
392	Molecular Engineering toward an Enlarged Optical Band Gap in a Bismuth Sulfate via Homovalent Cation Substitution. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5851-5859	5.1	3
391	Modulation of Volmer step for efficient alkaline water splitting implemented by titanium oxide promoting surface reconstruction of cobalt carbonate hydroxide. <i>Nano Energy</i> , <b>2021</b> , 82, 105732	17.1	17
390	Switching the Nonparametric Optical Nonlinearity of Tungsten Oxide by Electrical Modulation. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002188	8.1	2
389	Two W/S/Cu-Cluster-Containing Metal-Organic Frameworks Fabricated by Multidentate Organic Ligands: New Topologies, Strong NLO Properties, and Efficient Luminescent Detection. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3225-3233	3.5	6
388	UV Solar-Blind-Region Phase-Matchable Optical Nonlinearity and Anisotropy in a $\pi$ -Conjugated Cation-Containing Phosphate. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14932-14936	3.6	12
387	Innentitelbild: UV Solar-Blind-Region Phase-Matchable Optical Nonlinearity and Anisotropy in a $\pi$ -Conjugated Cation-Containing Phosphate (Angew. Chem. 27/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14842-14842	3.6	
386	UV Solar-Blind-Region Phase-Matchable Optical Nonlinearity and Anisotropy in a $\pi$ -Conjugated Cation-Containing Phosphate. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14806-14810	16.4	29
385	CsZrF <sub>4</sub> (IO <sub>3</sub> ): The First Polar Zirconium Iodate with cis-[ZrO <sub>2</sub> F <sub>6</sub> ] Polyhedra Inducing Optimized Balance of Large Band Gap and Second Harmonic Generation. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 5555-5562	9.6	7
384	A <sub>2</sub> MoO <sub>2</sub> F <sub>3</sub> (IO <sub>2</sub> F <sub>2</sub> ) (A = Rb, Cs): Strong Nonlinear Optical Responses and Enlarged Band Gaps through Fluorine Incorporation. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 5700-5708	9.6	7
383	Second-order nonlinear optical property of the ultraviolet transparent alkali metal-rare earth metal carbonate Na <sub>3</sub> Y(CO <sub>3</sub> ) <sub>3</sub> ·3H <sub>2</sub> O. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 298, 122095	3.3	
382	Research on Intelligent Vehicle Path Tracking with Subsystems Based on Multimodel Intelligent Hierarchical Control Theory. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-15	1.1	0
381	A two dimensional GdIII coordination polymer based on isonicotinic acid N-oxide with large magnetocaloric effect. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 1542-1546	1.3	0
380	Superb Nonlinear Absorption of Triphenylene-Based Metal-Organic Frameworks Associated with Abundant Metal d Electrons. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100622	8.1	6

379	Naphthalene/anthracene chromophore-based W/S/Cu cluster-organic frameworks with adjustable Fe <sup>3+</sup> sensing properties. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 298, 122123	3.3	4
378	Chemical Identification and Bond Control of $\pi$ -Skeletons in a Coupling Reaction. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9461-9467	16.4	9
377	An Unusual Luminescent Mo/S/Cu Cluster-Based Metal-Organic Framework for Efficient Detection of TNP. <i>Journal of Cluster Science</i> , <b>2021</b> , 32, 279-285	3	0
376	Giant Optical Anisotropy in the UV-Transparent 2D Nonlinear Optical Material Sc(IO) <sub>2</sub> (NO <sub>3</sub> ). <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3464-3468	16.4	54
375	Giant Optical Anisotropy in the UV-Transparent 2D Nonlinear Optical Material Sc(IO <sub>3</sub> ) <sub>2</sub> (NO <sub>3</sub> ). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3506-3510	3.6	23
374	Two Zn(II)-organic frameworks based on $\pi$ -shaped terpyridine ligand and dicarboxylic ligands: Fascinating architectures and efficient luminescent aqueous-phase dual-responsive detection. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 294, 121849	3.3	1
373	Electrical Tuning of the Fifth-Order Optical Nonlinearity of Antimony-Doped Tin Oxide. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001357	8.1	5
372	First chiral fluorinated lead vanadate selenite Pb(VOF)(VO)(SeO) with five asymmetric motifs and large optical properties. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7238-7245	4.3	4
371	Facile syntheses of silver thioantimonates exhibiting second-harmonic generation responses and large birefringence. <i>Dalton Transactions</i> , <b>2021</b> , 50, 3568-3576	4.3	6
370	Enhancing Reverse Saturable Absorption in SnS Nanosheets by Plasma Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 4211-4219	9.5	5
369	Deep-ultraviolet transparent alkali metal-lanthanide earth metal sulfate NaY(SO <sub>4</sub> ) <sub>2</sub> ·H <sub>2</sub> O as a nonlinear optical crystal: synthesis and characterization. <i>CrystEngComm</i> , <b>2021</b> , 23, 2945-2951	3.3	3
368	Large Second-Harmonic Response and Giant Birefringence of CeF(SO) Induced by Highly Polarizable Polyhedra. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4138-4142	16.4	46
367	Solvothermal Syntheses of Three-Dimensional Open-Framework Thioantimonates Displaying Nonlinear Optical Responses. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 4757-4764	3.5	1
366	Design, Synthesis, and Adhesion of Fluorescent Conjugated Polymers with Pendant Catechol Groups. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 4543-4553	4.3	1
365	Giant Second-Harmonic Generation Response and Large Band Gap in the Partially Fluorinated Mid-Infrared Oxide RbTeMoOF. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12455-12459	16.4	22
364	Electrochemical modulation enhancing the saturation absorption of polyaniline. <i>Optical Materials</i> , <b>2021</b> , 118, 111272	3.3	0
363	A Congruent-Melting Mid-Infrared Nonlinear Optical Vanadate Exhibiting Strong Second-Harmonic Generation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22621-22627	3.6	2
362	Two unusual metal-organic frameworks based on W/S/Cu clusters and Tetrakis(4-pyridyl)benzene: Enhanced nonlinear optics and efficient luminescence sensing. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 301, 122349	3.3	

361	A Congruent-Melting Mid-Infrared Nonlinear Optical Vanadate Exhibiting Strong Second-Harmonic Generation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22447-22453	16.4	8
360	Dicarboxylic ligands directing two Zn(II)-organic frameworks with distinct structures and significantly enhanced luminescence detection performances. <i>Dyes and Pigments</i> , <b>2021</b> , 196, 109760	4.6	0
359	Rb <sub>3</sub> In(SO <sub>4</sub> ) <sub>3</sub> : a defluorinated mixed main-group metal sulfate for ultraviolet transparent nonlinear optical materials with a large optical band gap. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 5124-5131	7.1	5
358	Triple Functions of Ni(OH) <sub>2</sub> on the Surface of WN Nanowires Remarkably Promoting Electrocatalytic Activity in Full Water Splitting. <i>ACS Catalysis</i> , <b>2020</b> , 10, 13323-13333	13.1	42
357	Organometallic complexes for nonlinear optics. 66. Synthesis and quadratic nonlinear optical studies of trans-[Ru{CC{2,5-C <sub>4</sub> H <sub>2</sub> S-(E)-CHCH}n-2,5-C <sub>4</sub> H <sub>2</sub> S(NO <sub>2</sub> )}Cl(dppe) <sub>2</sub> ] (n = 0, 1). <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 919, 121306	2.3	1
356	Covalent Assembly of MoS Nanosheets with SnS Nanodots as Linkages for Lithium/Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14621-14627	16.4	71
355	The effect of single atom substitution (O, S or Se) on photocatalytic hydrogen evolution for triazine-based conjugated porous polymers. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8887-8895	7.1	11
354	AGa <sub>3</sub> F <sub>6</sub> (SeO <sub>3</sub> ) <sub>2</sub> (A = Rb, Cs): A New Type of Phase-Matchable Hexagonal Tungsten Oxide Material with Strong Second-Harmonic Generation Responses. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 6906-6915	9.6	23
353	Enhancement of Second-Order Optical Nonlinearity in a Lutetium Selenite by Monodentate Anion Partial Substitution. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3043-3053	9.6	24
352	Incorporating rare-earth cations with moderate electropositivity into iodates for the optimized second-order nonlinear optical performance. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 2736-2746	6.8	7
351	Two 1,2,4,5-tetra(4-pyridyl)benzene-based Zn(II)-organic frameworks: Structures and luminescence sensing property. <i>Polyhedron</i> , <b>2020</b> , 182, 114484	2.7	1
350	Three AIE-ligand-based Cu(I) coordination polymers: synthesis, structures and luminescence sensing of TNP. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 5285-5292	3.6	9
349	Gd(NO)(SeO)BHO: a nitrate-selenite nonlinear optical material with a short ultraviolet cutoff edge. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3253-3259	4.3	10
348	Vertical Heterostructure of SnS-MoS Synthesized by Sulfur-Preloaded Chemical Vapor Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 7423-7431	9.5	13
347	Synthesis, crystal structures and optical properties of open-framework gallium phosphates: NaGa <sub>3</sub> F <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> and AGa <sub>2</sub> P <sub>2</sub> O <sub>7</sub> (OH) <sub>3</sub> (H <sub>2</sub> O) (A = K, Rb). <i>Journal of Solid State Chemistry</i> , <b>2020</b> , 288, 121412	3.3	1
346	TiCT MXene Nanosheets as a Robust and Conductive Tight on Si Anodes Significantly Enhance Electrochemical Lithium Storage Performance. <i>ACS Nano</i> , <b>2020</b> , 14, 5111-5120	16.7	77
345	Convenient method for improving the light output of scintillators by using buffer layers coated with photonic crystals. <i>Optics Express</i> , <b>2020</b> , 28, 11301-11308	3.3	0
344	An ultra-stable Cd coordination polymer based on double-chelated ligand for efficient dual-response of TNP and MnO <sub>4</sub> <sup>-</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 317, 128230	8.5	14

343	A Water-Stable Luminescent W/S/Cu Heterothiometallic Cluster for Detection of TNP. <i>Journal of Cluster Science</i> , <b>2020</b> , 31, 1383-1388	3	0
342	synthesis of stretchable and highly stable multi-color carbon-dots/polyurethane composite films for light-emitting devices.. <i>RSC Advances</i> , <b>2020</b> , 10, 1281-1286	3.7	3
341	Distribution and source of heavy metals in the sediments of the coastal East China sea: Geochemical controls and typhoon impact. <i>Environmental Pollution</i> , <b>2020</b> , 260, 113936	9.3	19
340	Reversible Dynamic Structural Transformation between 3D and 1D Cd <sup>II</sup> Heterometallic MOFs Showing Switchable Spin-Canted Antiferromagnetism. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 1103-1109	3.5	4
339	AIE-ligand-based luminescent Cd(II) organic framework as the first "turn-on" Fe <sup>3+</sup> sensor in aqueous medium. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 1427-1432	7.1	34
338	Mercury exposure in sedentary and migratory Charadrius plovers distributed widely across China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 4236-4245	5.1	1
337	Selected functionalization of continuous graphene fibers for integrated energy conversion and storage. <i>Science Bulletin</i> , <b>2020</b> , 65, 486-495	10.6	18
336	Graphene oxide ternary nanohybrids co-functionalized by phenyl porphyrins and thienyl-appended porphyrins for efficient optical limiting. <i>Dyes and Pigments</i> , <b>2020</b> , 174, 108057	4.6	8
335	Realizing Saturable Absorption and Reverse Saturable Absorption in a PEDOT:PSS Film via Electrical Modulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 48982-48990	9.5	4
334	Ba(MoOF)(XO) (X = Se and Te): First Cases of Noncentrosymmetric Fluorinated Molybdenum Oxide Selenite/Tellurite Through Unary Substitution for Enlarging Band Gaps and Second Harmonic Generation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 49812-49821	9.5	17
333	Two-dimensional organic-inorganic heterostructures of in situ-grown layered COF on Ti <sub>3</sub> C <sub>2</sub> MXene nanosheets for lithium-sulfur batteries. <i>Nano Today</i> , <b>2020</b> , 35, 100991	17.9	34
332	Fluorescent sensing for amines with a low detection limit based on conjugated porous polymers. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 16463-16469	7.1	12
331	Photocatalytic Hydrogen Evolution Based on Nitrogen-Containing Donor-Acceptor (DA) Organic Conjugated Small Molecules. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 14253-14261	8.3	3
330	Highly Compressible, Thermally Conductive, yet Electrically Insulating Fluorinated Graphene Aerogel. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 58170-58178	9.5	13
329	Vertical Stacking of Copper Sulfide Nanoparticles and Molybdenum Sulfide Nanosheets for Enhanced Nonlinear Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35835-35844	9.5	4
328	Ionothermal Synthesis of Metal Chalcogenides MAgSbS (M = Rb, Cs) Displaying Nonlinear Optical Activity in the Infrared Region. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12582-12589	5.1	10
327	Synthesis, photophysical and electroluminescent properties of iridium(III) complexes with 2-aryl-thiazole and oxadiazol-substituted amide derivative ligands. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 4272-4281	3.6	3
326	One-step electrodeposition of cerium-doped nickel hydroxide nanosheets for effective oxygen generation.. <i>RSC Advances</i> , <b>2019</b> , 9, 17891-17896	3.7	10

325	Two 1D carboxylate-bridged magnets displaying solvent-dependent canted antiferromagnetic ordering. <i>CrystEngComm</i> , <b>2019</b> , 21, 4098-4103	3-3	4
324	Solvothermal synthesis, structure and properties of heterometallic coordination polymer based on metalloligand and alkaline-earth metal calcium. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1186, 434-439	3-4	5
323	Auxiliary ligand-induced structural diversities of octacyanometalate-based heterobimetallic coordination polymers towards diverse magnetic properties. <i>Dalton Transactions</i> , <b>2019</b> , 48, 7666-7676	4-3	2
322	Two 4?-(4-carboxyphenyl)-3,2?:6?,3?-terpyridine-based luminescent Zn(II) coordination polymers for detection of 2,4,6-trinitrophenol. <i>Polyhedron</i> , <b>2019</b> , 169, 51-57	2-7	3
321	Synthesis, Crystal Structures and Magnetic Properties of Carboxyl Bridged 3d <sup>4f</sup> Heterometallic Coordination Polymers Based on Metalloligand and Lanthanide Ions. <i>Journal of Cluster Science</i> , <b>2019</b> , 30, 747-756	3	1
320	Promoting electrocatalytic activity of cobalt cyclotetraphosphate in full water splitting by titanium-oxide-accelerated surface reconstruction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 12457-12467	12	23
319	Geochemical controls on the distribution of mercury and methylmercury in sediments of the coastal East China Sea. <i>Science of the Total Environment</i> , <b>2019</b> , 667, 133-141	10.2	17
318	Amorphous film of cerium doped cobalt oxide as a highly efficient electrocatalyst for oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 7526-7532	13	49
317	Switching the Spin on a Ni Trimer within a Metal-Organic Motif by Controlling the On-Top Bromine Atom. <i>ACS Nano</i> , <b>2019</b> , 13, 9936-9943	16.7	7
316	Donor-acceptor type triazine-based conjugated porous polymer for visible-light-driven photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 257, 117935	21.8	49
315	Decanuclear Cluster-Based Metal-Organic Framework with a (3,11)-Connected Topology and Highly Sensitive 2,4,6-Trinitrophenol Detection. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9749-9755	5.1	26
314	Ultrafast nonlinear optical response of molybdenum nano-film in wide wavelength range. <i>Optical Materials</i> , <b>2019</b> , 95, 109244	3-3	4
313	Syntheses and quadratic nonlinear optical properties of 2,7-fluorenylene- and 1,4-phenylene-functionalized o-carboranes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 12549-12559	4-3	3
312	In situ formed [M(CN) <sub>9</sub> ] (M = W, Mo) as a building block for the construction of two nona-cyanometalate-bridged heterometallic coordination polymers. <i>CrystEngComm</i> , <b>2019</b> , 21, 4363-4372	2-3	0
311	Atomic-Scale Visualization of the Stepwise Metal-Mediated Dehalogenative Cycloaddition Reaction Pathways: Competition between Radicals and Organometallic Intermediates. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17900-17908	3.6	5
310	Atomic-Scale Visualization of the Stepwise Metal-Mediated Dehalogenative Cycloaddition Reaction Pathways: Competition between Radicals and Organometallic Intermediates. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17736-17744	16.4	10
309	Iron sulfur clusters in protein nanocages for photocatalytic hydrogen generation in acidic aqueous solutions. <i>Chemical Science</i> , <b>2019</b> , 10, 2179-2185	9-4	11
308	Hybrid Anatase/Rutile Nanodots-Embedded Covalent Organic Frameworks with Complementary Polysulfide Adsorption for High-Performance Lithium-Sulfur Batteries. <i>ACS Central Science</i> , <b>2019</b> , 5, 1876-1883	16.8	35

307	Stability Margin of a Metamorphic Quadruped Robot With a Twisting Trunk. <i>Journal of Mechanisms and Robotics</i> , <b>2019</b> , 11,	2.2	9
306	Pseudospin-dependent acoustic topological insulator by airborne sonic crystals with a triangular lattice. <i>Applied Physics Express</i> , <b>2019</b> , 12, 044003	2.4	3
305	Nickel iron carbonate hydroxide hydrate decorated with CeO <sub>x</sub> for highly efficient oxygen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 3449-3458	2.6	6
304	Two mixed-ligand Cd(II) organic frameworks with unique topologies: selective luminescence sensing of TNP and Cu <sup>2+</sup> ions with recyclable performances. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16078-16088	3.6	14
303	K <sub>5</sub> (W <sub>3</sub> O <sub>9</sub> F <sub>4</sub> )(IO <sub>3</sub> ): An Efficient Mid-Infrared Nonlinear Optical Compound with High Laser Damage Threshold. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 10100-10108	9.6	64
302	Efficient solution-processed red organic light-emitting diode based on an electron-donating building block of pyrrolo[3,2-b]pyrrole. <i>Organic Electronics</i> , <b>2019</b> , 65, 110-115	3.5	17
301	On-surface stereoconvergent synthesis, dimerization and hybridization of organocopper complexes. <i>Science China Chemistry</i> , <b>2019</b> , 62, 126-132	7.9	
300	MoS <sub>2</sub> -QD-Based Dual-Model Photoluminescence Sensing Platform for Effective Determination of Al <sup>3+</sup> and Fe <sup>3+</sup> Simultaneously in Various Environment. <i>ChemistrySelect</i> , <b>2018</b> , 3, 2326-2331	1.8	15
299	Facile crosslinking of polythiophenes by polyethylenimine via ester aminolysis for selective Cu(II) detection in water. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 109, 255-262	11.8	17
298	An Eicosanuclear Heterothiometallic Mo/S/Cu Cluster: Synthesis and Third-Order Nonlinear Optical Property. <i>Journal of Cluster Science</i> , <b>2018</b> , 29, 385-390	3	2
297	Amorphous film of ternary NiCoP alloy on Ni foam for efficient hydrogen evolution by electroless deposition. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 7872-7880	6.7	43
296	W-Doped MoO <sub>2</sub> /MoC Hybrids Encapsulated by P-Doped Carbon Shells for Enhanced Electrocatalytic Hydrogen Evolution. <i>Energy Technology</i> , <b>2018</b> , 6, 1707-1714	3.5	16
295	Graphene and Carbon-Nanotube Nanohybrids Covalently Functionalized by Porphyrins and Phthalocyanines for Optoelectronic Properties. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705704	24	51
294	Quadratic and cubic hyperpolarizabilities of nitro-phenyl/-naphthalenyl/-anthracenyl alkynyl complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 4560-4571	4.3	11
293	Syntheses, Crystal Structures and Luminescent Properties of Two New Heterometallic Phosphates: Sn <sub>2</sub> Ge(PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> and Sn <sub>2</sub> Mn(PO <sub>4</sub> ) <sub>2</sub> . <i>ChemistrySelect</i> , <b>2018</b> , 3, 1019-1023	1.8	5
292	Nanocomposite of MoO <sub>2</sub> and MoC loaded on porous carbon as an efficient electrocatalyst for hydrogen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 446-453	6.8	19
291	Synthesis of Structurally Defined Cationic Polythiophenes for DNA Binding and Gene Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4519-4529	9.5	15
290	Nickel-Based (Photo)Electrocatalysts for Hydrogen Production. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705653	24	51

289	Hierarchical formation of Fe-9eG supramolecular networks via flexible coordination bonds. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 3694-3698	3.6	1
288	Hydrogen evolution reactions boosted by bridge bonds between electrocatalysts and electrodes. <i>Nanoscale</i> , <b>2018</b> , 10, 4068-4076	7.7	8
287	Scission and stitching of adenine structures by water molecules. <i>Chemical Communications</i> , <b>2018</b> , 54, 771-774	5.8	7
286	Few-layer tiny nanoflakes of molybdenum sulfide loaded on porous carbon as an efficient electrocatalyst for hydrogen generation. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 750, 927-934	5.7	5
285	Carbon Nanohybrids: Graphene and Carbon-Nanotube Nanohybrids Covalently Functionalized by Porphyrins and Phthalocyanines for Optoelectronic Properties (Adv. Mater. 17/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870118	24	3
284	Yellow-emitting carbon-dots-impregnated carboxy methyl cellulose/poly-vinyl-alcohol and chitosan: stable, freestanding, enhanced-quenching Cu <sup>2+</sup> -ions sensor. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 4508-4515	7.1	31
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155	Large Scale Synthesis of Highly Stable Fluorescent Carbon Dots Using Silica Spheres as Carriers for Targeted Bioimaging of Cancer Cells. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 944-951	3.1	19
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152	AgBi(WO <sub>4</sub> ) <sub>2</sub> : A New Modification Material to Bi <sub>2</sub> WO <sub>6</sub> for Enhanced and Stable Visible-Light Photocatalytic Performance. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1948-52	4.5	1
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150	A fluorescent probe for hypochlorite based on the modulation of the unique rotation of the N-N single bond in acetohydrazide. <i>Chemical Communications</i> , <b>2015</b> , 51, 10435-8	5.8	78
149	Synthesis, crystal structure, theoretical study and luminescence property of a butterfly-like W/Cu/S cluster with 1,10-phenanthroline. <i>Journal of Chemical Sciences</i> , <b>2015</b> , 127, 643-648	1.8	
148	Dehydrogenative homocoupling of terminal alkenes on copper surfaces: a route to dienes. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4549-52	16.4	58
147	Preparation and Property Studies of Carbon Nanotubes Covalent Modified BAMO-AMMO Energetic Binders. <i>Journal of Energetic Materials</i> , <b>2015</b> , 33, 305-314	1.6	7
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135	A facile approach to hetero-nanorods of Ag <sub>2</sub> Se/MSe (M = Cd, Zn) with enhanced third-order optical nonlinearity. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1418	7.1	18
134	On-surface aryl-aryl coupling via selective C-H activation. <i>Chemical Communications</i> , <b>2014</b> , 50, 11825-8	5.8	95
133	Ni-induced supramolecular structural transformation of cytosine on Au(111): from one-dimensional chains to zero-dimensional clusters. <i>Chemical Communications</i> , <b>2014</b> , 50, 3242-4	5.8	37
132	A ratiometric fluorescent probe for highly selective and sensitive detection of hypochlorite based on the oxidation of N-alkylpyridinium. <i>RSC Advances</i> , <b>2014</b> , 4, 59535-59540	3.7	37
131	Formation of a G-quartet-Fe complex and modulation of electronic and magnetic properties of the Fe center. <i>ACS Nano</i> , <b>2014</b> , 8, 11799-805	16.7	32
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115	Reaction-based fluorescent probe for detection of endogenous cyanide in real biological samples. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 3291-8	4.5	24
114	Near infrared Ag/Au alloy nanoclusters: tunable photoluminescence and cellular imaging. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 416, 274-9	9.3	56
113	In situ formation of p-n junction: a novel principle for photoelectrochemical sensor and its application for mercury(II) ion detection. <i>Analytica Chimica Acta</i> , <b>2014</b> , 827, 34-9	6.6	38
112	Tungsten sulfide enhancing solar-driven hydrogen production from silicon nanowires. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 10408-14	9.5	36
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