

Yongxin Li

List of Publications by Year in descending order

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249
papers

7,848
citations

61945

43
h-index

88593

70
g-index

264
all docs

264
docs citations

264
times ranked

8014
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous electroanalysis of dopamine, ascorbic acid and uric acid by poly (vinyl alcohol) covalently modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2006, 115, 134-139.	4.0	237
2	Electrochemical determination of nitrite and iodate by use of gold nanoparticles/poly(3-methylthiophene) composites coated glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 780-786.	4.0	222
3	Electrochemical Responses and Electrocatalysis at Single Au Nanoparticles. <i>Journal of the American Chemical Society</i> , 2010, 132, 3047-3054.	6.6	218
4	Controlling Supramolecular Chirality of Two-Component Hydrogels by π - and π -H-Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6467-6473.	6.6	165
5	Construction of Au nanoparticles on choline chloride modified glassy carbon electrode for sensitive detection of nitrite. <i>Biosensors and Bioelectronics</i> , 2009, 24, 3242-3247.	5.3	145
6	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. <i>Journal of the American Chemical Society</i> , 2017, 139, 436-441.	6.6	142
7	Fabrication of layer-by-layer modified multilayer films containing choline and gold nanoparticles and its sensing application for electrochemical determination of dopamine and uric acid. <i>Talanta</i> , 2007, 73, 431-437.	2.9	139
8	Overoxidized polypyrrole film directed single-walled carbon nanotubes immobilization on glassy carbon electrode and its sensing applications. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3120-3125.	5.3	138
9	Preparation and Electrochemical Response of 10^3 nm Pt Disk Electrodes. <i>Analytical Chemistry</i> , 2009, 81, 5496-5502.	3.2	134
10	A sensitive determination of estrogens with a Pt nano-clusters/multi-walled carbon nanotubes modified glassy carbon electrode. <i>Biosensors and Bioelectronics</i> , 2006, 22, 253-259.	5.3	120
11	Highly Effective Carbon Fixation via Catalytic Conversion of CO_2 by an Acylamide-Containing Metal-Organic Framework. <i>Chemistry of Materials</i> , 2017, 29, 9256-9261.	3.2	116
12	Isolation of 1,2,4,3-Triazaborol-3-yl-metal (Li, Mg, Al, Au, Zn, Sb, Bi) Derivatives and Reactivity toward CO and Isonitriles. <i>Journal of the American Chemical Society</i> , 2016, 138, 6650-6661.	6.6	114
13	Control on Dimensions and Supramolecular Chirality of Self-Assemblies through Light and Metal Ions. <i>Journal of the American Chemical Society</i> , 2018, 140, 16275-16283.	6.6	110
14	Ultrastable Thorium Metal-Organic Frameworks for Efficient Iodine Adsorption. <i>Inorganic Chemistry</i> , 2020, 59, 4435-4442.	1.9	98
15	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9191-9196.	2.7	93
16	Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. <i>Nature Materials</i> , 2021, 20, 612-617.	13.3	87
17	A flow injection chemiluminescence method for the determination of fluoroquinolone derivative using the reaction of luminol and hydrogen peroxide catalyzed by gold nanoparticles. <i>Talanta</i> , 2007, 72, 1066-1072.	2.9	83
18	Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 9946-9954.	6.6	81

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19	Modulated synthesis and isorecticular expansion of Th-MOFs with record high pore volume and surface area for iodine adsorption. <i>Chemical Communications</i> , 2020, 56, 6715-6718.	2.2	81
20	Hydrogen peroxide sensing using ultrathin platinum-coated gold nanoparticles with core@shell structure. <i>Biosensors and Bioelectronics</i> , 2013, 41, 576-581.	5.3	80
21	Simultaneous determination of dopamine and serotonin by use of covalent modification of 5-hydroxytryptophan on glassy carbon electrode. <i>Mikrochimica Acta</i> , 2009, 164, 107-112.	2.5	79
22	Alkene-Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. <i>Journal of the American Chemical Society</i> , 2017, 139, 5047-5050.	6.6	78
23	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13555-13559.	7.2	76
24	Nanopore-based Strategy for Selective Detection of Single Carcinoembryonic Antigen (CEA) Molecules. <i>Analytical Chemistry</i> , 2020, 92, 3042-3049.	3.2	74
25	Single-crystal growth, structures, charge transfer and transport properties of anthracene-F ₄ TCNQ and tetracene-F ₄ TCNQ charge-transfer compounds. <i>CrystEngComm</i> , 2017, 19, 618-624.	1.3	70
26	Preparation and application of cysteine-capped ZnS nanoparticles as fluorescence probe in the determination of nucleic acids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1719-1724.	2.0	68
27	Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of H-H Bonds to Bis(enones). <i>Organometallics</i> , 2012, 31, 4871-4875.	1.1	67
28	Boosting the Iodine Adsorption and Radioresistance of UiO-66 MOFs via Aromatic Substitution. <i>Chemistry - A European Journal</i> , 2021, 27, 1286-1291.	1.7	65
29	Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry. <i>Advanced Materials</i> , 2017, 29, 1605053.	11.1	64
30	Isolation of a Diborane(6) Dication: Formation and Cleavage of an Electron-Precise B(sp ³)-B(sp ³) Bond. <i>Journal of the American Chemical Society</i> , 2016, 138, 8623-8629.	6.6	63
31	Synchronous fluorescence determination of protein with functionalized CdS nanoparticles as a fluorescence probe. <i>Analytica Chimica Acta</i> , 2002, 466, 87-92.	2.6	62
32	A crystalline Cu-S framework for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19410-19416.	5.2	60
33	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9829-9832.	7.2	58
34	In situ electrodeposition of Pt nanoclusters on glassy carbon surface modified by monolayer choline film and their electrochemical applications. <i>Electrochemistry Communications</i> , 2008, 10, 195-199.	2.3	55
35	Enantioselective Addition of Diphenylphosphine to 3-Methyl-5-alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1403-1408.	2.1	55
36	Preparation of unique PEDOT nanorods with a couple of cusped tips by reverse interfacial polymerization and their electrocatalytic application to detect nitrite. <i>Journal of Materials Chemistry</i> , 2010, 20, 10277.	6.7	52

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37	Selective Single Molecule Nanopore Sensing of microRNA Using PNA Functionalized Magnetic Core@Shell Fe ₃ O ₄ @Au Nanoparticles. <i>Analytical Chemistry</i> , 2019, 91, 7965-7970.	3.2	52
38	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to α,β,γ -Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , 2015, 34, 5196-5201.	1.1	51
39	CdS nanocrystal induced chemiluminescence: reaction mechanism and applications. <i>Nanotechnology</i> , 2007, 18, 225602.	1.3	50
40	Bisguanidinium dinuclear oxodiperoxomolybdo-sulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , 2016, 7, 13455.	5.8	48
41	Monolayer covalent modification of 5-hydroxytryptophan on glassy carbon electrodes for simultaneous determination of uric acid and ascorbic acid. <i>Electrochimica Acta</i> , 2006, 51, 5794-5801.	2.6	46
42	Size-Exclusion Properties of Nanoporous Films Derived from Polystyrene@Poly(methylmethacrylate) Diblock Copolymers Assessed Using Direct Electrochemistry of Ferritin. <i>Analytical Chemistry</i> , 2009, 81, 851-855.	3.2	46
43	Synthesis of a Bent 2-Silaallene with a Perturbed Electronic Structure from a Cyclic Alkyl(amino) Carbene-Diiodosilylene. <i>Inorganic Chemistry</i> , 2016, 55, 9091-9098.	1.9	45
44	Trapping a Silicon(I) Radical with Carbenes: A Cationic cAAC@Silicon(I) Radical and an NHC@Parent@Silyliumylidene Cation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7573-7578.	7.2	45
45	Water@Binding@Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7774-7779.	7.2	45
46	Novel fluorescent colloids as a DNA fluorescence probe. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 346-349.	1.9	43
47	Single Pt Nanowire Electrode: Preparation, Electrochemistry, and Electrocatalysis. <i>Analytical Chemistry</i> , 2013, 85, 4135-4140.	3.2	43
48	Sensitive chemiluminescence method for the determination of glutathione, l-cysteine and 6-mercaptopurine. <i>Mikrochimica Acta</i> , 2008, 163, 263-269.	2.5	42
49	Sensitive Determination of Dopamine and Uric Acid by the Use of a Glassy Carbon Electrode Modified with Poly(3-methylthiophene)/Gold Nanoparticle Composites. <i>Analytical Sciences</i> , 2008, 24, 1563-1568.	0.8	42
50	Construction of hybrid nanocomposites containing Pt nanoparticles and poly(3-methylthiophene) nanorods at a glassy carbon electrode: Characterization, electrochemistry, and electrocatalysis. <i>Electrochimica Acta</i> , 2010, 55, 5905-5910.	2.6	42
51	Sensing hydrogen peroxide using a glassy carbon electrode modified with in-situ electrodeposited platinum-gold bimetallic nanoclusters on a graphene surface. <i>Mikrochimica Acta</i> , 2015, 182, 265-272.	2.5	42
52	Metal Coordination Sphere Deformation Induced Highly Stokes@Shifted, Ultra Broadband Emission in 2D Hybrid Lead@Bromide Perovskites and Investigation of Its Origin. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10791-10796.	7.2	42
53	Development of a novel luminol chemiluminescent method catalyzed by gold nanoparticles for determination of estrogens. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 585-592.	1.9	40
54	Highly Enantioselective Synthesis of (2-Pyridyl)phosphine Based C-Chiral Unsymmetrical P,N-Ligands Using a Chiral Palladium Complex. <i>Organometallics</i> , 2009, 28, 3941-3946.	1.1	40

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55	The deposition of Au@Pt core-shell nanoparticles on reduced graphene oxide and their catalytic activity. <i>Nanotechnology</i> , 2013, 24, 295402.	1.3	40
56	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B,N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14718-14722.	7.2	40
57	Impact of C-H...X (X = F, N) and C...F Interactions on Tuning the Degree of Charge Transfer in F ₆ TNAP-Based Organic Binary Compound Single Crystals. <i>Crystal Growth and Design</i> , 2018, 18, 1776-1785.	1.4	40
58	Inducing formation of a corrugated, white-light emitting 2D lead-bromide perovskite <i>via</i> subtle changes in templating cation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 889-893.	2.7	40
59	Electrochemical Characterization of Nanoporous Films Fabricated from a Polystyrene-Poly(methylmethacrylate) Diblock Copolymer: Monitoring the Removal of the PMMA Domains and Exploring the Functional Groups on the Nanopore Surface. <i>Langmuir</i> , 2007, 23, 12771-12776.	1.6	38
60	The synthesis and efficient one-pot catalytic self-breeding of asymmetrical NC(sp ³)E-hybridised pincer complexes. <i>Chemical Communications</i> , 2016, 52, 4211-4214.	2.2	38
61	Single gold nanowire electrodes and single Pt@Au nanowire electrodes: electrochemistry and applications. <i>Chemical Communications</i> , 2017, 53, 2850-2853.	2.2	38
62	Electrochemical aptamer-based nanosensor fabricated on single Au nanowire electrodes for adenosine triphosphate assay. <i>Biosensors and Bioelectronics</i> , 2018, 99, 431-437.	5.3	38
63	Stibine-protected Au ₁₃ nanoclusters: syntheses, properties and facile conversion to GSH-protected Au ₂₅ nanocluster. <i>Chemical Science</i> , 2018, 9, 8723-8730.	3.7	38
64	Application of l-cysteine-capped nano-ZnS as a fluorescence probe for the determination of proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 811-815.	1.9	36
65	Fabrication of a Nanobiocomposite Film Containing Heme Proteins and Carbon Nanotubes on a Choline Modified Glassy Carbon Electrode: Direct Electrochemistry and Electrochemical Catalysis. <i>Electroanalysis</i> , 2006, 18, 2085-2091.	1.5	36
66	Surface Chemical Functionalization of Cylindrical Nanopores Derived from a Polystyrene-Poly(methylmethacrylate) Diblock Copolymer via Amidation. <i>Langmuir</i> , 2008, 24, 8959-8963.	1.6	35
67	The Original Coordination Chemistry of 2-Phosphaphenol with Copper(I) and Gold(I) Halides. <i>Organometallics</i> , 2013, 32, 3562-3565.	1.1	35
68	Palladacycle-Catalyzed Tandem Allylic Amination/Allylation Protocol for One-Pot Synthesis of α -Allylanilines from Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 83-87.	2.1	34
69	A Crystalline Diazadiboronine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7826-7829.	7.2	34
70	Synthesis, structure, physical properties and OLED application of pyrazine-triphenylamine fused conjugated compounds. <i>RSC Advances</i> , 2015, 5, 63080-63086.	1.7	33
71	Preparation, electrochemical responses and sensing application of Au disk nanoelectrodes down to 5 nm. <i>RSC Advances</i> , 2015, 5, 77248-77254.	1.7	33
72	Inducing Panchromatic Absorption and Photoconductivity in Polycrystalline Molecular 1D Lead-Iodide Perovskites through π -Stacked Viologens. <i>Chemistry of Materials</i> , 2018, 30, 5827-5830.	3.2	33

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73	Corrosion by Chloride Deicers on Highway Maintenance Equipment. <i>Transportation Research Record</i> , 2013, 2361, 106-113.	1.0	32
74	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H ₂ , NH ₃ , and an Isonitrile. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7846-7849.	7.2	32
75	A flow-injection chemiluminescence method for the determination of some estrogens by enhancement of luminol-hydrogen peroxide-tetrasulfonated manganese phthalocyanine reaction. <i>Talanta</i> , 2006, 70, 219-224.	2.9	31
76	An ultrasensitive chemiluminescent immunosensor for the detection of human leptin using hemin/G-quadruplex DNAzymes-assembled signal amplifier. <i>Talanta</i> , 2013, 116, 816-821.	2.9	31
77	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , 2018, 140, 1255-1258.	6.6	31
78	Metal-Free Selective Borylation of Arenes by a Diazadiborinine via C-H/C-F Bond Activation and Dearomatization. <i>Journal of the American Chemical Society</i> , 2019, 141, 13729-13733.	6.6	31
79	A Highly Sensitive and Selective Assay for Cysteine Using the Chemiluminescence Reaction of Luminol and Hydrogen Peroxide. <i>Mikrochimica Acta</i> , 2005, 150, 95-99.	2.5	30
80	Facile Activation of Homoatomic B-Bonds in White Phosphorus and Diborane by a Diboraallene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15691-15695.	7.2	30
81	Black phosphorus nanosheets based sensitive protease detection and inhibitor screening. <i>Talanta</i> , 2019, 197, 270-276.	2.9	30
82	Amidinate-Stabilized Group 9 Metal-Silicon(I) Dimer and silylene Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9968-9975.	1.9	29
83	Crystalline Tetraatomic Boron(0) Species. <i>Journal of the American Chemical Society</i> , 2019, 141, 5164-5168.	6.6	29
84	Investigation into the Synergistic Effect of Nano-sized Materials on the Anti-corrosion Properties of a Waterborne Epoxy Coating. <i>International Journal of Electrochemical Science</i> , 2016, 11, 6023-6042.	0.5	28
85	B-H Bond Activation by an Amidinate-Stabilized Amidosilylene: Non-Innocent Amidinate Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 5879-5887.	1.9	28
86	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2829-2833.	1.7	28
87	Stochastic Collision Electrochemistry from Single G-Quadruplex/Hemin: Electrochemical Amplification and MicroRNA Sensing. <i>Analytical Chemistry</i> , 2021, 93, 4593-4600.	3.2	28
88	Determination of proteins at nanogram levels by their quenching effect on the chemiluminescence reaction between luminol and hydrogen peroxide with manganese-tetrasulfonatophthalocyanine as a new catalyst. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 395-398.	1.9	27
89	Electrochemical determination of nitrite via covalent immobilization of a single-walled carbon nanotubes and single stranded deoxyribonucleic acid nanocomposite on a glassy carbon electrode. <i>Mikrochimica Acta</i> , 2010, 171, 63-69.	2.5	27
90	Diverse Bonding Activations in the Reactivity of a Pentaphenylborole toward Sodium Phosphaethynolate: Heterocycle Synthesis and Mechanistic Studies. <i>Inorganic Chemistry</i> , 2017, 56, 4112-4120.	1.9	27

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91	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie</i> , 2017, 129, 9961-9964.	1.6	27
92	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie</i> , 2018, 130, 13743-13747.	1.6	27
93	Size-Dependent Voltammetry at Single Silver Nanoelectrodes. <i>Analytical Chemistry</i> , 2018, 90, 9677-9681.	3.2	27
94	Azaborabutadienes: Synthesis by Metal-Free Carboboration of Nitriles and Utility as Building Blocks for B, N-Heterocycles. <i>Angewandte Chemie</i> , 2016, 128, 14938-14942.	1.6	26
95	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. <i>Chemistry - an Asian Journal</i> , 2016, 11, 136-140.	1.7	26
96	Mechanochemical Synthesis of Phosphazane-Based Frameworks. <i>Chemistry - A European Journal</i> , 2017, 23, 11279-11285.	1.7	26
97	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	26
98	Effects of substrate roughness on the orientation of cylindrical domains in thin films of a polystyrene-poly(methylmethacrylate) diblock copolymer studied using atomic force microscopy and cyclic voltammetry. <i>Polymer</i> , 2009, 50, 2273-2280.	1.8	25
99	A Base-Stabilized Silyliumylidene Cation as a Ligand for Rhodium and Tungsten Complexes. <i>Organometallics</i> , 2014, 33, 3646-3648.	1.1	25
100	Synthesis and Hydrolytic Studies on the Air-Stable [(4-CN-PhO)(E)P(¹ / ₄ -N ⁺ Bu)] ₂ (E = O, S, and Se) Cyclodiphosphazanes. <i>Inorganic Chemistry</i> , 2015, 54, 6423-6432.	1.9	25
101	Molecular Engineering toward Coexistence of Dielectric and Optical Switch Behavior in Hybrid Perovskite Phase Transition Material. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6416-6423.	1.1	25
102	Targeted Synthesis of Trimeric Organic-Bromoplumbate Hybrids That Display Intrinsic, Highly Stokes-Shifted, Broadband Emission. <i>Chemistry of Materials</i> , 2020, 32, 4431-4441.	3.2	25
103	Covalent immobilization of single-walled carbon nanotubes and single-stranded deoxyribonucleic acid nanocomposites on glassy carbon electrode: Preparation, characterization, and applications. <i>Talanta</i> , 2008, 77, 833-838.	2.9	24
104	Single Ag Nanowire Electrodes and Single Pt@Ag Nanowire Electrodes: Fabrication, Electrocatalysis, and Surface-Enhanced Raman Scattering Applications. <i>Analytical Chemistry</i> , 2019, 91, 4291-4295.	3.2	24
105	Catalytic Asymmetric Diarylphosphine Addition to $\hat{\text{I}}\pm$ -Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P [*] -N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 14763-14771.	1.7	24
106	Analytes Triggered Conformational Switch of i-Motif DNA inside Gold-Decorated Solid-State Nanopores. <i>ACS Sensors</i> , 2020, 5, 2177-2183.	4.0	24
107	Nanopore-Based Single-Entity Electrochemistry for the Label-Free Monitoring of Single-Molecule Glycoprotein-Boronate Affinity Interaction and Its Sensing Application. <i>Analytical Chemistry</i> , 2022, 94, 5715-5722.	3.2	24
108	Corrosion inhibitors for metals in maintenance equipment: introduction and recent developments. <i>Corrosion Reviews</i> , 2014, 32, 163-181.	1.0	23

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109	N-Heteroheptacenequinone and N-heterononacenequinone: synthesis, physical properties, crystal structures and photoelectrochemical behaviors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9877-9884.	2.7	23
110	Reactivity of an amidinato silylene and germylene toward germanium(II), tin(II) and lead(II) halides. <i>Dalton Transactions</i> , 2017, 46, 3642-3648.	1.6	23
111	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type $[\text{Pb}_6\text{Br}_{19}]^{7-}$ Nanoclusters. <i>Inorganic Chemistry</i> , 2018, 57, 14035-14038.	1.9	23
112	Dual-signal amplification strategy for miRNA sensing with high sensitivity and selectivity by use of single Au nanowire electrodes. <i>Biosensors and Bioelectronics</i> , 2019, 131, 88-94.	5.3	23
113	Enzyme-Encapsulated Zeolitic Imidazolate Frameworks Formed Inside the Single Glass Nanopore: Catalytic Performance and Sensing Application. <i>Analytical Chemistry</i> , 2021, 93, 12257-12264.	3.2	23
114	Enantioselective Diels-Alder Reaction of 3-Diphenylphosphinofuran with 1-Phenyl-3,4-dimethylphosphole and Subsequent Synthetic Manipulations of the Cycloadduct. <i>Organometallics</i> , 2009, 28, 6254-6259.	1.1	22
115	Isolation and Reactivity of 1,4,2-Diazaborole. <i>Journal of the American Chemical Society</i> , 2015, 137, 11274-11277.	6.6	22
116	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17481-17490.	7.2	22
117	<i>In Situ</i> SERS Monitoring of the Plasmon-Driven Catalytic Reaction by Using Single Ag@Au Nanowires as Substrates. <i>Analytical Chemistry</i> , 2021, 93, 11736-11744.	3.2	22
118	Application of L-Cysteine-Capped ZnS Nanoparticles in the Determination of Nucleic Acids Using the Resonance Light Scattering Method. <i>Mikrochimica Acta</i> , 2004, 146, 13-19.	2.5	20
119	Formation of Au nanoflowers on cysteamine monolayer and their electrocatalytic oxidation of nitrite. <i>Analytical Methods</i> , 2011, 3, 1399.	1.3	20
120	Isomerization of Secondary Phosphirane into Terminal Phosphinidene Complexes: An Analogy between Monovalent Phosphorus and Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12891-12893.	7.2	20
121	A cationic thorium-organic framework with triple single-crystal-to-single-crystal transformation peculiarities for ultrasensitive anion recognition. <i>Chemical Science</i> , 2021, 12, 15833-15842.	3.7	20
122	Synthesis of a Tin(II) 1,3-Benzobis(thiophosphinoyl)methanediide Complex and Its Reactions with Aluminum Compounds. <i>Organometallics</i> , 2012, 31, 6538-6546.	1.1	19
123	Synthesis of a Germylidenide Anion from the C-C Bond Activation of a Bis(germylene). <i>Organometallics</i> , 2016, 35, 1060-1063.	1.1	19
124	Single Pt-Pd Bimetallic Nanoparticle Electrode: Controllable Fabrication and Unique Electrocatalytic Performance for the Methanol Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 4935-4940.	1.7	19
125	Asymmetric Catalytic 1,2-Dihydrophosphination of Secondary 1,2-Diphosphines - Direct Access to Free P^* - and P^* -, C^* -Diphosphines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2373-2378.	2.1	19
126	Design, Synthesis, and Stereochemical Evaluation of a Novel Chiral Amine-Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1880-1891.	1.0	18

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127	An Approach to the Efficient Syntheses of Chiral Phosphino- α -Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3297-3302.	2.1	18
128	Crystalline boron-linked tetraaminoethylene radical cations. <i>Chemical Science</i> , 2017, 8, 7419-7423.	3.7	18
129	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 7952-7955.	1.6	18
130	Hybrid 2D [Pb(CH ₃ NH ₂) ₂] ₂ Coordination Polymer Precursor for Scalable Perovskite Deposition. <i>ACS Energy Letters</i> , 2020, 5, 2305-2312.	8.8	18
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