

Yongxin Li

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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.

252
papers

5,979
citations

40
h-index

62
g-index

264
ext. papers

6,972
ext. citations

6.4
avg, IF

6.18
L-index

#	Paper	IF	Citations
252	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	8.5	208
251	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	8.5	202
250	Electrochemical responses and electrocatalysis at single au nanoparticles. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3047-54	16.4	189
249	Construction of Au nanoparticles on choline chloride modified glassy carbon electrode for sensitive detection of nitrite. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3242-7	11.8	129
248	Overoxidized polypyrrole film directed single-walled carbon nanotubes immobilization on glassy carbon electrode and its sensing applications. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 3120-5	11.8	127
247	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, 431-7	6.2	127
246	Preparation and electrochemical response of 1-3 nm Pt disk electrodes. <i>Analytical Chemistry</i> , 2009 , 81, 5496-502	7.8	115
245	Controlling Supramolecular Chirality of Two-Component Hydrogels by J- and H-Aggregation of Building Blocks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6467-6473	16.4	111
244	Halogen-Assisted Piezochromic Supramolecular Assemblies for Versatile Haptic Memory. <i>Journal of the American Chemical Society</i> , 2017 , 139, 436-441	16.4	109
243	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, 253-9	11.8	99
242	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, 6650-61	16.4	89
241	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	9.6	88
240	4-Diphenylamino-phenyl substituted pyrazine: nonlinear optical switching by protonation. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9191-9196	7.1	77
239	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, 1066-72	6.2	72
238	Hydrogen peroxide sensing using ultrathin platinum-coated gold nanoparticles with core@shell structure. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 576-81	11.8	68
237	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, 1719-24	4.4	65
236	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	16.4	61

235	Synchronous fluorescence determination of protein with functionalized CdS nanoparticles as a fluorescence probe. <i>Analytica Chimica Acta</i> , 2002 , 466, 87-92	6.6	59
234	Alkene-Carbene Isomerization induced by Borane: Access to an Asymmetrical Diborene. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5047-5050	16.4	58
233	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	5.8	58
232	Occurrence of Chiral Nanostructures Induced by Multiple Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9946-9954	16.4	56
231	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, 8623-9	16.4	56
230	Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of H ₂ B Bonds to Bis(enones). <i>Organometallics</i> , 2012 , 31, 4871-4875	3.8	53
229	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	5.1	53
228	Single-crystal growth, structures, charge transfer and transport properties of anthracene-F4TCNQ and tetracene-F4TCNQ charge-transfer compounds. <i>CrystEngComm</i> , 2017 , 19, 618-624	3.3	51
227	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13555-13559	16.4	51
226	Isolation of a Bis(oxazol-2-ylidene)Phenylborylene Adduct and its Reactivity as a Boron-Centered Nucleophile. <i>Angewandte Chemie</i> , 2014 , 126, 9434-9437	3.6	50
225	A crystalline Cu ₂ B ₂ framework for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 19410-19416	13	48
224	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		48
223	CdS nanocrystal induced chemiluminescence: reaction mechanism and applications. <i>Nanotechnology</i> , 2007 , 18, 225602	3.4	48
222	Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry. <i>Advanced Materials</i> , 2017 , 29, 1605053	24	47
221	Enantioselective Addition of Diphenylphosphine to 3-Methyl-4-nitro-5-alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1403-1408	5.6	47
220	Ultrastable Thorium Metal-Organic Frameworks for Efficient Iodine Adsorption. <i>Inorganic Chemistry</i> , 2020 , 59, 4435-4442	5.1	46
219	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, 851-5	7.8	43
218	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9829-9832	16.4	41

217	Single Pt nanowire electrode: preparation, electrochemistry, and electrocatalysis. <i>Analytical Chemistry</i> , 2013 , 85, 4135-40	7.8	41
216	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	6.7	41
215	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	6.7	41
214	Modulated synthesis and isoreticular expansion of Th-MOFs with record high pore volume and surface area for iodine adsorption. <i>Chemical Communications</i> , 2020 , 56, 6715-6718	5.8	40
213	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, 1563-8	1.7	40
212	Novel fluorescent colloids as a DNA fluorescence probe. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 346-9	4.4	40
211	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	3.8	38
210	Sensitive chemiluminescence method for the determination of glutathione, l-cysteine and 6-mercaptopurine. <i>Mikrochimica Acta</i> , 2008 , 163, 263-269	5.8	38
209	Bisguanidinium dinuclear oxodiperoxomolybdo-sulfate ion pair-catalyzed enantioselective sulfoxidation. <i>Nature Communications</i> , 2016 , 7, 13455	17.4	37
208	The deposition of Au-Pt core-shell nanoparticles on reduced graphene oxide and their catalytic activity. <i>Nanotechnology</i> , 2013 , 24, 295402	3.4	37
207	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, 12771-6	4	37
206	Asymmetric 1,4-Conjugate Addition of Diarylphosphines to α,β -Unsaturated Ketones Catalyzed by Transition-Metal Pincer Complexes. <i>Organometallics</i> , 2015 , 34, 5196-5201	3.8	36
205	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	5.8	36
204	Application of L-cysteine-capped nano-ZnS as a fluorescence probe for the determination of proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 811-5	4.4	36
203	Single gold nanowire electrodes and single Pt@Au nanowire electrodes: electrochemistry and applications. <i>Chemical Communications</i> , 2017 , 53, 2850-2853	5.8	35
202	Development of a novel luminol chemiluminescent method catalyzed by gold nanoparticles for determination of estrogens. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 585-92	4.4	35
201	Nanopore-based Strategy for Selective Detection of Single Carcinoembryonic Antigen (CEA) Molecules. <i>Analytical Chemistry</i> , 2020 , 92, 3042-3049	7.8	33
200	Electrochemical aptamer-based nanosensor fabricated on single Au nanowire electrodes for adenosine triphosphate assay. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 431-437	11.8	33

199	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	16.4	32
198	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7774-7779	16.4	32
197	Synthesis of a Bent 2-Silaallene with a Perturbed Electronic Structure from a Cyclic Alkyl(amino) Carbene-Diiodosilylene. <i>Inorganic Chemistry</i> , 2016 , 55, 9091-8	5.1	32
196	The synthesis and efficient one-pot catalytic "self-breeding" of asymmetrical NC(sp ³)E-hybridised pincer complexes. <i>Chemical Communications</i> , 2016 , 52, 4211-4	5.8	32
195	Selective Single Molecule Nanopore Sensing of microRNA Using PNA Functionalized Magnetic Core-Shell FeO-Au Nanoparticles. <i>Analytical Chemistry</i> , 2019 , 91, 7965-7970	7.8	31
194	Surface chemical functionalization of cylindrical nanopores derived from a polystyrene-poly(methylmethacrylate) diblock copolymer via amidation. <i>Langmuir</i> , 2008 , 24, 8959-63	4	31
193	Synthesis, structure, physical properties and OLED application of pyrazine-triphenylamine fused conjugated compounds. <i>RSC Advances</i> , 2015 , 5, 63080-63086	3.7	29
192	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	16.4	29
191	Palladacycle-Catalyzed Tandem Allylic Amination/Allylation Protocol for One-Pot Synthesis of 2-Allylanilines from Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 83-87	5.6	29
190	The Original Coordination Chemistry of 2-Phosphaphenol with Copper(I) and Gold(I) Halides. <i>Organometallics</i> , 2013 , 32, 3562-3565	3.8	29
189	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	5.8	29
188	Impact of C-H...X (X = F, N) and π Interactions on Tuning the Degree of Charge Transfer in F6TNAP-Based Organic Binary Compound Single Crystals. <i>Crystal Growth and Design</i> , 2018 , 18, 1776-1785	3.5	28
187	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	16.4	28
186	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, 219-24	6.2	28
185	Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. <i>Nature Materials</i> , 2021 , 20, 612-617	27	28
184	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7826-7829	16.4	27
183	Corrosion by Chloride Deicers on Highway Maintenance Equipment: Renewed Perspective and Laboratory Investigation. <i>Transportation Research Record</i> , 2013 , 2361, 106-113	1.7	27
182	Arene C-H...O Hydrogen Bonding: A Stereocontrolling Tool in Palladium-Catalyzed Arylation and Vinylation of Ketones. <i>Angewandte Chemie</i> , 2013 , 125, 5006-5011	3.6	27

181	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	3	27
180	Intermolecular Mizoroki-Heck Reaction of Aliphatic Olefins with High Selectivity for Substitution at the Internal Position. <i>Angewandte Chemie</i> , 2012 , 124, 6017-6021	3.6	26
179	Inducing formation of a corrugated, white-light emitting 2D lead-bromide perovskite via subtle changes in templating cation. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 889-893	7.1	26
178	Stibine-protected Au nanoclusters: syntheses, properties and facile conversion to GSH-protected Au nanocluster. <i>Chemical Science</i> , 2018 , 9, 8723-8730	9.4	26
177	Preparation, electrochemical responses and sensing application of Au disk nanoelectrodes down to 5 nm. <i>RSC Advances</i> , 2015 , 5, 77248-77254	3.7	25
176	Black phosphorus nanosheets based sensitive protease detection and inhibitor screening. <i>Talanta</i> , 2019 , 197, 270-276	6.2	25
175	Amidinate-Stabilized Group 9 Metal-Silicon(II) Dimer and -Silylene Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 9968-75	5.1	24
174	Effects of substrate roughness on the orientation of cylindrical domains in thin films of a polystyrene- <i>b</i> -poly(methylmethacrylate) diblock copolymer studied using atomic force microscopy and cyclic voltammetry. <i>Polymer</i> , 2009 , 50, 2273-2280	3.9	24
173	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, 395-8	4.4	24
172	A Colorimetric and Fluorimetric Chemodosimeter for Copper Ion Based on the Conversion of Dihydropyrazine to Pyrazine. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 136-40	4.5	24
171	Palladium-Catalyzed Asymmetric Intermolecular Cyclization. <i>Angewandte Chemie</i> , 2013 , 125, 8838-8842	3.6	23
170	Boosting the Iodine Adsorption and Radioresistance of Th-UiO-66 MOFs via Aromatic Substitution. <i>Chemistry - A European Journal</i> , 2021 , 27, 1286-1291	4.8	23
169	Boron Analogue of Vinylidene Dication Supported by Phosphines. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1255-1258	16.4	22
168	Size-Dependent Voltammetry at Single Silver Nanoelectrodes. <i>Analytical Chemistry</i> , 2018 , 90, 9677-9681	7.8	22
167	A Base-Stabilized Silyliumylidene Cation as a Ligand for Rhodium and Tungsten Complexes. <i>Organometallics</i> , 2014 , 33, 3646-3648	3.8	22
166	An ultrasensitive chemiluminescent immunosensor for the detection of human leptin using hemin/G-quadruplex DNAzymes-assembled signal amplifier. <i>Talanta</i> , 2013 , 116, 816-21	6.2	22
165	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	5.8	22
164	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	6.2	22

163	N-Heteroheptacenequinone and N-heterononacenequinone: synthesis, physical properties, crystal structures and photoelectrochemical behaviors. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9877-9884	7.1	21
162	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	9.6	21
161	Crystalline Neutral Allenic Diborene. <i>Angewandte Chemie</i> , 2017 , 129, 9961-9964	3.6	21
160	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	3.8	21
159	Facile Activation of Homoatomic B-Bonds in White Phosphorus and Diborane by a Diboraallene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15691-15695	16.4	21
158	Synthesis and Hydrolytic Studies on the Air-Stable [(4-CN-PhO)(E)P(EN(t)Bu)] ₂ (E = O, S, and Se) Cyclodiphosphazanes. <i>Inorganic Chemistry</i> , 2015 , 54, 6423-32	5.1	20
157	Corrosion inhibitors for metals in maintenance equipment: introduction and recent developments. <i>Corrosion Reviews</i> , 2014 , 32, 163-181	3.2	19
156	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	5.8	19
155	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	3.6	19
154	Two-Dimensional and Emission-Tunable: An Unusual Perovskite Constructed from Lindqvist-Type [PbBr] Nanoclusters. <i>Inorganic Chemistry</i> , 2018 , 57, 14035-14038	5.1	19
153	Reactivity of an amidinato silylene and germylene toward germanium(ii), tin(ii) and lead(ii) halides. <i>Dalton Transactions</i> , 2017 , 46, 3642-3648	4.3	18
152	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	5.1	18
151	Synthesis of a Tin(II) 1,3-Benzobis(thiophosphinoyl)methanediide Complex and Its Reactions with Aluminum Compounds. <i>Organometallics</i> , 2012 , 31, 6538-6546	3.8	18
150	Design, Synthesis, and Stereochemical Evaluation of a Novel Chiral Amine-Balladacycle. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1880-1891	2.3	18
149	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 , 6023-6042	2.2	18
148	Mechanochemical Synthesis of Phosphazane-Based Frameworks. <i>Chemistry - A European Journal</i> , 2017 , 23, 11279-11285	4.8	17
147	B-H Bond Activation by an Amidinate-Stabilized Amidosilylene: Non-Innocent Amidinate Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 5879-5887	5.1	17
146	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	16.4	17

145	Isomerization of Secondary Phosphirane into Terminal Phosphinidene Complexes: An Analogy between Monovalent Phosphorus and Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12891-3	16.4	17
144	Rational Design of a Novel Chiral Palladacycle: Synthesis, Optical Resolution, and Stereochemical Evaluation. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 267-276	2.3	17
143	Analytes Triggered Conformational Switch of i-Motif DNA inside Gold-Decorated Solid-State Nanopores. <i>ACS Sensors</i> , 2020 , 5, 2177-2183	9.2	16
142	A Crystalline Diazadiborinine Radical Cation and Its Boron-Centered Radical Reactivity. <i>Angewandte Chemie</i> , 2018 , 130, 7952-7955	3.6	16
141	Electrochemical study of the diffusion of cytochrome c within nanoscale pores derived from cylinder-forming polystyrene-poly(methylmethacrylate) diblock copolymers. <i>Electrochimica Acta</i> , 2011 , 56, 10185-10190	6.7	16
140	Synthesis and Characterisation of a Novel Chiral Bidentate Pyridine-N-Heterocyclic Carbene-Based Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1413-1418	2.3	16
139	Formation of Au nanoflowers on cysteamine monolayer and their electrocatalytic oxidation of nitrite. <i>Analytical Methods</i> , 2011 , 3, 1399	3.2	16
138	Novel Enantioselective Synthesis of Functionalized Pyridylarsanes by a Chiral Palladium Template Promoted Asymmetric Hydroarsanation Reaction. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4134-4140	2.3	16
137	Formation of platinum nanoflowers on 3-aminopropyltriethoxysilane monolayer: Growth mechanism and electrocatalysis. <i>Applied Catalysis A: General</i> , 2011 , 401, 226-232	5.1	16
136	Stochastic Collision Electrochemistry from Single G-Quadruplex/Hemin: Electrochemical Amplification and MicroRNA Sensing. <i>Analytical Chemistry</i> , 2021 , 93, 4593-4600	7.8	16
135	A signal amplification strategy and sensing application using single gold nanoelectrodes. <i>Analyst</i> , 2018 , 144, 310-316	5	15
134	Isolation and Reactivity of 1,4,2-Diazaborole. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11274-11276	16.4	15
133	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	16.4	15
132	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	2.8	15
131	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie</i> , 2018 , 130, 13743-13747	3.6	15
130	Crystalline boron-linked tetraaminoethylene radical cations. <i>Chemical Science</i> , 2017 , 8, 7419-7423	9.4	15
129	Application of Functionalized Ag Nanoparticles for the Determination of Proteins at Nanogram Levels Using the Resonance Light Scattering Method. <i>Mikrochimica Acta</i> , 2004 , 147, 81	5.8	15
128	Crystalline Tetraatomic Boron(0) Species. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5164-5168	6.4	14

127	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	7.8	14
126	Highly selective anti-cancer properties of ester functionalized enantiopure dinuclear gold(I)-diphosphine. <i>European Journal of Medicinal Chemistry</i> , 2015 , 98, 250-5	6.8	14
125	Targeted Synthesis of Trimeric OrganicBromoplumbate Hybrids That Display Intrinsic, Highly Stokes-Shifted, Broadband Emission. <i>Chemistry of Materials</i> , 2020 , 32, 4431-4441	9.6	14
124	Desymmetrization of Achiral Heterobicyclic Alkenes through Catalytic Asymmetric Hydrophosphination. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2829-2833	4.5	14
123	Enantioselective, High-Yielding Synthesis of Alcohol-Functionalized Diphosphanes Utilizing Asymmetric Control with a Chiral Auxiliary. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2375-2382	2.3	14
122	Synthesis of a Chiral Palladacycle and Its Application in Asymmetric Hydrophosphination Reactions. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4427-4437	2.3	14
121	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	11.8	14
120	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	4.8	14
119	Water-Binding-Mediated Gelation/Crystallization and Thermosensitive Superchirality. <i>Angewandte Chemie</i> , 2018 , 130, 7900-7905	3.6	13
118	Acyclic Amido-Containing Silanechalcogenones. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3821-3824	2.3	13
117	Electrochemical determination of nitrite and iodate based on Pt nanoparticles self-assembled on a chitosan modified glassy carbon electrode. <i>Analytical Sciences</i> , 2011 , 27, 1223-8	1.7	13
116	Cetyltrimethylammonium bromide sensitized resonance light-scattering of nucleic acid--Pyronine B and its analytical application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 2505-9	4.4	13
115	Synthesis of a Germylidenide Anion from the C-Cl Bond Activation of a Bis(germylene). <i>Organometallics</i> , 2016 , 35, 1060-1063	3.8	13
114	Efficient and stereoselective synthesis of monomeric and bimetallic pincer complexes containing Pd-bonded stereogenic carbons. <i>RSC Advances</i> , 2016 , 6, 75951-75959	3.7	13
113	Reactivity of a Base-Stabilized Germanium(II) Dimer toward Group 9 Metal(I) Chloride and Dimanganese Decacarbonyl. <i>Inorganic Chemistry</i> , 2017 , 56, 5402-5410	5.1	12
112	Heteroleptic Germanium(II) and Tin(II) Chlorides Supported by Anionic Ligands Derived from 2,3-Dimethyl-1,4-diaza-1,3-butadiene. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 526-532	2.3	12
111	Ultralow Pt-loading bimetallic nanoflowers: fabrication and sensing applications. <i>Nanotechnology</i> , 2013 , 24, 025501	3.4	12
110	An Approach to the Efficient Syntheses of Chiral Phosphino- Carboxylic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3297-3302	5.6	12

109	Unusual Domino Michael/Aldol Condensation Reactions Employing Oximes as N-Selective Nucleophiles: Synthesis of N-Hydroxypyrrroles. <i>Angewandte Chemie</i> , 2009 , 121, 772-775	3.6	12
108	A Cyclometallated (Azobenzene)palladium(II) Complex of 1,4,7-Trithiacyclononane: Synthesis and Reactivity with Thioether-Dithiolate Metalloligands, Single-Crystal X-ray Diffraction Analyses and Electrochemical Studies. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2282-2293	2.3	12
107	Structural Mimics of the [Fe]-Hydrogenase: A Complete Set for Group VIII Metals. <i>Inorganic Chemistry</i> , 2018 , 57, 7113-7120	5.1	12
106	Amperometric sensing of hydrazine by using single gold nanopore electrodes filled with Prussian Blue and coated with polypyrrole and carbon dots. <i>Mikrochimica Acta</i> , 2019 , 186, 350	5.8	11
105	Catalytic Asymmetric Diarylphosphine Addition to β -Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P*-N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14763-14771	4.2	11
104	Laboratory Investigation of Washing Practices and Bio-Based Additive for Mitigating Metallic Corrosion by Magnesium Chloride Deicer. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04016187	3	11
103	A Base-Stabilized Lead(I) Dimer and an Aromatic Plumblydenide Anion. <i>Angewandte Chemie</i> , 2013 , 125, 6418-6421	3.6	11
102	Determination of nucleic acids with tetra-(N-hexadecylpyridiniumyl) porphyrin sensitized by cetyltrimethylammonium bromide (CTMAB) using a Rayleigh light-scattering technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 959-64	4.4	11
101	Intrinsic Electrocatalytic Activity of Single MoS ₂ Quantum Dot Collision on Ag Ultramicroelectrodes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 3337-3345	3.8	11
100	Trapping a Silicon(I) Radical with Carbenes: A Cationic cAACSilicon(I) Radical and an NHCParent-Silyliumylidene Cation. <i>Angewandte Chemie</i> , 2017 , 129, 7681-7686	3.6	10
99	Hybrid 2D [Pb(CH ₃ NH ₂)I ₂] _n Coordination Polymer Precursor for Scalable Perovskite Deposition. <i>ACS Energy Letters</i> , 2020 , 5, 2305-2312	20.1	10
98	DNA nanosensors based on the use of single gold nanowire electrodes and Methylene Blue as an intercalator. <i>Mikrochimica Acta</i> , 2018 , 185, 152	5.8	10
97	A simple strategy for the fabrication of gold-modified single nanopores and its application for miRNA sensing. <i>Chemical Communications</i> , 2019 , 55, 10288-10291	5.8	10
96	A Dimeric NHC-Silicon Monotelluride: Synthesis, Isomerization, and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11565-11569	16.4	10
95	Determination of Proteins Based on Their Resonance Light Scattering Enhancement Effect on Manganese-Tetrasulfonatophthalocyanine. <i>Mikrochimica Acta</i> , 2003 , 143, 275-279	5.8	10
94	Engineering the Frontier Orbitals of a Diazadiborinine for Facile Activation of H ₂ , NH ₃ , and an Isonitrile. <i>Angewandte Chemie</i> , 2018 , 130, 7972-7975	3.6	10
93	Synthesis of Stereoprojecting, Chiral N-C(sp ³)-E Type Pincer Complexes. <i>Organometallics</i> , 2018 , 37, 2272-2285	3.2	10
92	Bis(N-heterocyclic olefin) Derivative: An Efficient Precursor for Isophosphindolylium Species. <i>Inorganic Chemistry</i> , 2017 , 56, 8608-8614	5.1	9

91	Carbodicarbene Ligand Redox Noninnocence in Highly Oxidized Chromium and Cobalt Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 4118-4128	5.1	9
90	Structure engineering: extending the length of azaacene derivatives through quinone bridges. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3628-3633	7.1	9
89	Electrochemically Controlled One-Electron Oxidation Coupled to Consecutive Hydrogen Atom Transfer of Caffeine. <i>ChemElectroChem</i> , 2014 , 1, 1557-1562	4.3	9
88	Electrochemical determination of dopamine in the presence of ascorbic acid and uric acid using the synergistic effect of gold nanoflowers and L-cysteamine monolayer at the surface of a gold electrode. <i>Analytical Sciences</i> , 2011 , 27, 921-7	1.7	9
87	Synthesis of Homo- and Hetero-Bimetallic Arsenic Complexes by Means of Regioselective Monoinsertion of Alkynylarsane into the Pd π Bond of a Palladacycle. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3111-3121	2.3	9
86	A Novel Enhancing Flow-Injection Chemiluminescence Method for the Determination of Glutathione Using the Reaction of Luminol with Hydrogen Peroxide. <i>Mikrochimica Acta</i> , 2003 , 141, 41-45 ^{5.8}	5.8	9
85	Catalytic Approach toward Chiral P,N-Chelate Complexes Utilizing the Asymmetric Hydrophosphination Protocol. <i>Inorganic Chemistry</i> , 2020 , 59, 3874-3886	5.1	8
84	A Bis(germyliumylidene)silver(I) Complex Dication. <i>Organometallics</i> , 2018 , 37, 1368-1372	3.8	8
83	Novel manganese(II)-based metal-organic gels: synthesis, characterization and application to chemiluminescent sensing of hydrogen peroxide and glucose. <i>Mikrochimica Acta</i> , 2019 , 186, 696	5.8	8
82	Ultralow platinum-loading bimetallic nanoflowers: Fabrication and high-performance electrocatalytic activity towards the oxidation of formic acid. <i>Electrochemistry Communications</i> , 2012 , 25, 19-22	5.1	8
81	A sensitive inhibition chemiluminescence method for the determination of trace tannic acid using the reaction of luminol-hydrogen peroxide catalysed by tetrasulphonated manganese phthalocyanine. <i>Luminescence</i> , 2007 , 22, 46-52	2.5	8
80	Simple and sensitive assay for nucleic acids by use of the resonance light-scattering technique with copper phthalocyanine tetrasulfonic acid in the presence of cetyltrimethylammonium bromide. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 377, 675-80	4.4	8
79	Determination of Nucleic Acid at Nanogram Levels with Manganese-Tetrasulfonatophthalocyanine Sensitized by Cetyltrimethylammonium Bromide Using a Resonance Light-Scattering Technique. <i>Mikrochimica Acta</i> , 2003 , 142, 219-223	5.8	8
78	Bisguanidinium-Catalyzed Epoxidation of Allylic and Homoallylic Amines under Phase Transfer Conditions. <i>ACS Catalysis</i> , 2020 , 10, 2684-2691	13.1	8
77	Epoxy-sealed single Pt nanoelectrodes: Fabrication and electrocatalytic performance for the methanol oxidation reaction. <i>Electrochemistry Communications</i> , 2018 , 86, 63-67	5.1	8
76	Single Cylindrical Nanopore Electrodes: Surface Functionalization, Unusual Voltammetry, and Size-Exclusion Properties. <i>ChemElectroChem</i> , 2018 , 5, 292-299	4.3	8
75	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17481-17490	16.4	8
74	Efficient access to a designed phosphapalladacycle catalyst via enantioselective catalytic asymmetric hydrophosphination. <i>Dalton Transactions</i> , 2017 , 46, 1311-1316	4.3	7

73	Delocalized Hypervalent Silyl Radical Supported by Amidinate and Imino Substituents. <i>Inorganic Chemistry</i> , 2017 , 56, 701-704	5.1	7
72	Synthesis of an N-Heterocyclic-Carbene-Stabilized Siladiimide. <i>Inorganic Chemistry</i> , 2016 , 55, 4-6	5.1	7
71	Unique Voltammetry of Silver Nanoparticles: From Single Particle to Aggregates. <i>Analytical Chemistry</i> , 2019 , 91, 14188-14191	7.8	7
70	Synthesis and Characterization of a 2,6-Diiminophenylgermanium(II) Hydroxide, Azide, and Triazaphospole. <i>Organometallics</i> , 2013 , 32, 5231-5234	3.8	7
69	Fabrication of single Pt@Au nanowire electrodes for monitoring hydrogen peroxide released from living cells. <i>RSC Advances</i> , 2017 , 7, 44552-44558	3.7	7
68	Group II Metal Complexes of the Germylidendiide Dianion Radical and Germylidenide Anion. <i>Angewandte Chemie</i> , 2014 , 126, 8595-8598	3.6	7
67	A kinetic fluorometric method for the determination of nucleic acids using a ternary equilibrium system of nucleic acids/Iron (III) tetracarboxy phthalocyanine/poly-lysine coupled with the oxidation reaction between hydrogen peroxide and dl-tyrosine. <i>Analytica Chimica Acta</i> , 2004 , 514, 247-252	6.6	7
66	Simple and Sensitive Assay for Nucleic Acids Using their Quenching Effect on the Chemiluminescence Reaction Between Luminol and Hydrogen Peroxide with Manganese-Tetrasulfonatophthalocyanine as a New Catalyst. <i>Mikrochimica Acta</i> , 2003 , 143, 19-24	5.8	7
65	Access to a Chiral Phosphine-NHC Palladium(II) Complex via the Asymmetric Hydrophosphination of Achiral Vinyl Azoles. <i>Organometallics</i> , 2021 , 40, 2118-2122	3.8	7
64	Single mercury nanoelectrode: Single nucleus growth on Au nanoelectrode and its sensing application. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 523-528	8.5	7
63	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	5.6	7
62	Embedding a Ruthenium-Based Structural Mimic of the [Fe]-Hydrogenase Cofactor into Papain. <i>Inorganic Chemistry</i> , 2018 , 57, 12206-12212	5.1	7
61	Donor-Acceptor Stabilized Tetra(silanimine). <i>Inorganic Chemistry</i> , 2017 , 56, 1609-1615	5.1	6
60	Iron-Mediated Ring-Opening and Rearrangement Cascade Synthesis of Polysubstituted Pyrroles from 4-Alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1868-1876	5.6	6
59	Molecular Engineering of Pure 2D Lead-Iodide Perovskite Solar Absorbers Displaying Reduced Band Gaps and Dielectric Confinement. <i>ChemSusChem</i> , 2020 , 13, 2693-2701	8.3	6
58	Synthesis of Unique Phosphazane Macrocycles via Steric Activation of C-N Bonds. <i>Inorganic Chemistry</i> , 2018 , 57, 10993-11004	5.1	6
57	Mechanistic Insights into the PdII-Catalyzed Chemoselective N-Demethylation vs. Cyclometalation Reactivity Pathways in 1-Aryl-N,N-dimethylethanamines. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5046-5052	2.3	6
56	Cysteamine monolayer inducing the formation of platinum nanoclusters for methanol electrocatalytic oxidation. <i>Mikrochimica Acta</i> , 2010 , 169, 93-97	5.8	6

55	Metal Effects on the Asymmetric Synthesis of a New Heterobidentate As/P=S Ligand. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1865-1871	2.3	6
54	APPLICATION OF MANGANESE-TETRASULFONATOPHTHALOCYANINE AS A NEW MIMETIC PEROXIDASE IN THE DETERMINATION OF HYDROGEN PEROXIDE BY CHEMILUMINESCENCE REACTION WITH LUMINOL. <i>Analytical Letters</i> , 2001 , 34, 1841-1850	2.2	6
53	Permselectivity and Dopamine Detection with Pt Electrodes Covered with PAA-Modified Porous Silicate Film. <i>Journal of the Electrochemical Society</i> , 2019 , 166, H19-H24	3.9	6
52	Facile Activation of Homoatomic B-Bonds in White Phosphorus and Diborane by a Diboraallene. <i>Angewandte Chemie</i> , 2018 , 130, 15917-15921	3.6	6
51	Ruthenacyclic Carbamoyl Complexes: Highly Efficient Catalysts for Organosilane Hydrolysis. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4982-4986	2.3	6
50	SERS Monitoring of the Plasmon-Driven Catalytic Reaction by Using Single Ag@Au Nanowires as Substrates. <i>Analytical Chemistry</i> , 2021 , 93, 11736-11744	7.8	6
49	Diazapentabenzocorannulenium: A Hydrophilic/Biophilic Cationic Buckybowl. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	6
48	Size-Dependent Electrochemistry and Electrocatalysis at Single Au@Pt Bimetallic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24740-24746	3.8	5
47	Isolation and Reactivity of a Chlorogermylumylidene Featuring Two Ge-Cl Units. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2228-2231	2.3	5
46	Polysubstituted pyrrole derivatives via 1,2-alkenyl migration of novel β -amino- α -unsaturated aldehydes and β -diazocarbonyls. <i>RSC Advances</i> , 2014 , 4, 7275	3.7	5
45	Isomerization of Secondary Phosphirane into Terminal Phosphinidene Complexes: An Analogy between Monovalent Phosphorus and Transition Metals. <i>Angewandte Chemie</i> , 2015 , 127, 13083-13085	3.6	5
44	Fluorescence enhancement method for measuring anionic surfactants with a hydrophobic cyanine dye. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 730-4	4.4	5
43	Interpenetration Control in Thorium Metal-Organic Frameworks: Structural Complexity toward Iodine Adsorption. <i>Inorganic Chemistry</i> , 2021 , 60, 5617-5626	5.1	5
42	Enzyme-Encapsulated Zeolitic Imidazolate Frameworks Formed Inside the Single Glass Nanopore: Catalytic Performance and Sensing Application. <i>Analytical Chemistry</i> , 2021 , 93, 12257-12264	7.8	5
41	Challenges in cyclometalation: steric effects leading to competing pathways and η^5 -cyclometalated iridium(III) complexes. <i>Dalton Transactions</i> , 2018 , 47, 13046-13051	4.3	4
40	Triflic-Acid-Catalyzed Tandem Allylic Substitution-Cyclization Reaction of Alcohols with Thiophenols-Facile Access to Polysubstituted Thiochromans. <i>ACS Omega</i> , 2018 , 3, 8945-8951	3.9	4
39	Catalytic and Mechanistic Developments of the Nickel(II) Pincer Complex-Catalyzed Hydroarsination Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 11308-11317	4.8	4
38	Annelation of Phosphole-Substituted Fischer Carbene Complexes by Alkynes. <i>Organometallics</i> , 2013 , 32, 7482-7486	3.8	4

37	Stability and Reactivity of Cyclometallated Naphthylamine Complexes in Pd π Bond Insertion Reactions with Coordinated Alkynylphosphanes. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5487-5494	2.3	4
36	A Dimeric NHC π Silicon Monotelluride: Synthesis, Isomerization, and Reactivity. <i>Angewandte Chemie</i> , 2017 , 129, 11723-11727	3.6	4
35	Intermolecular Insertion of Dialkynylphosphanes into the M π Bond of Cyclopalladated Rings through Activation by Cyclometallated Amines. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1823-1831	2.3	4
34	Spectrophotometric Method for the Direct Determination of Anionic Surfactant Sodium Dodecyl Benzenesulfonate (SDBS) Using a Hydrophobic Near-Infrared (NIR) Cationic Cyanine Dye Without Solvent Extraction. <i>Analytical Letters</i> , 2004 , 37, 711-723	2.2	4
33	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	9.4	4
32	Efficient Synthesis of Malonate Functionalized Chiral Phosphapalladacycles and their Catalytic Evaluation in Asymmetric Hydrophosphination of Chalcone. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4385-4390	2.3	4
31	Synthesis, characterization and photophysical studies of a novel polycyclic diborane. <i>New Journal of Chemistry</i> , 2019 , 43, 564-568	3.6	3
30	Observation of plasmon boosted photoelectrochemical activities on single Au/Cu ₂ O nanoelectrode. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 165102	3	3
29	Photooxidation of a Twisted Isoquinolinone. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 250-254	4.5	3
28	High-Performance Electrocatalytic Activity of Pt Nanoparticles/Chitosan 3-D Nanocomposites. <i>Nanoscience and Nanotechnology Letters</i> , 2013 , 5, 334-340	0.8	3
27	Ion transport through a porphyrin-terminated hybrid bilayer membrane. <i>Electrochimica Acta</i> , 2011 , 56, 1076-1081	6.7	3
26	Photocatalytic Water Oxidation Directly Using Plasmonics from Single Au Nanowires without the Contact with Semiconductors. <i>ACS Catalysis</i> , 12940-12946	13.1	3
25	Voltammetric Analysis of Single Nanobubble Formation on Ag and Ag@MoS ₂ Nanoelectrodes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 3073-3080	3.8	3
24	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 ,	7.8	3
23	Electrochemical Determination of Hydrogen Peroxide Using Gold/Platinum Bimetallic Nanoparticles Self-Assembled on L-Cysteamine Modified Glassy Carbon Electrode. <i>Nanoscience and Nanotechnology Letters</i> , 2013 , 5, 637-642	0.8	2
22	Electrodeposition of Pt/Fe(III) Nanoclusters on Graphene Modified Glassy Carbon Electrode for Sensitive Detection of Nitrite. <i>Nanoscience and Nanotechnology Letters</i> , 2015 , 7, 302-307	0.8	2
21	Catalytic Asymmetric Hydrophosphination as a Valuable Tool to Access Dihydrophosphinated Curcumin and Its Derivatives. <i>Organometallics</i> , 2021 , 40, 3454-3461	3.8	2
20	Chelating Phosphine-N-Heterocyclic Carbene Platinum Complexes via Catalytic Asymmetric Hydrophosphination and Their Cytotoxicity Toward MKN74 and MCF7 Cancer Cell Lines. <i>Inorganic Chemistry</i> , 2021 , 60, 17276-17287	5.1	2

19	Divergent Reactivity of Phosphapalladacycles toward E π (E = N, P, As) Bonds. <i>Organometallics</i> , 2020 , 39, 182-188	3.8	2
18	Single gold nanoclusters: Formation and sensing application for isonicotinic acid hydrazide detection. <i>Talanta</i> , 2020 , 220, 121376	6.2	2
17	Intrinsic Catalytic Activities from Single Enzyme@Metal-Organic Frameworks by Using a Stochastic Collision Electrochemical Technique. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5443-5447	6.4	2
16	Macrocyclic-Based Metal-Organic Frameworks with NO-Driven On/Off Switch of Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27066-27073	9.5	2
15	Access to C-Stereogenic PN(sp ²)P Pincer Ligands via Phosphapalladacycle Catalyzed Asymmetric Hydrophosphination. <i>Organometallics</i> , 2021 , 40, 682-692	3.8	2
14	Fully conjugated azacorannulene dimer as large diaza[80]fullerene fragment.. <i>Nature Communications</i> , 2022 , 13, 1498	17.4	2
13	Field-Effect Devices: Molecular Crystal Engineering: Tuning Organic Semiconductor from p-type to n-type by Adjusting Their Substitutional Symmetry (Adv. Mater. 10/2017). <i>Advanced Materials</i> , 2017 , 29,	24	1
12	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</i> , 2020 , 132, 10883-10888	3.6	1
11	Palladium-Coated Single Silver Nanowire Electrodes: Size-Dependent Voltammetry, Enhanced Chemical Stability, and High Performance for Methanol Oxidation. <i>Chemistry - A European Journal</i> , 2020 , 26, 10406-10410	4.8	1
10	The Evolution of Terminal Allylphosphinidene Pentacarbonyl tungsten Complex. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014 , 189, 908-913	1	1
9	Chemoselective Synthesis and Evaluation of β -Oxovinylarsines as an Arsenic Synthetic Precursor. <i>Organometallics</i> , 2020 , 39, 271-278	3.8	1
8	Chemo/bionanosensors for medical applications 2020 , 483-500		1
7	A programmable electrochemical nanosensor based on robust bipedal DNA walkers fueled by catalytic hairpin assembly. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130563	8.5	1
6	Dual-signaling amplification strategy for glutathione sensing by using single gold nanoelectrodes. <i>Analytica Chimica Acta</i> , 2021 , 1166, 338579	6.6	0
5	Mechanosynthesis of Higher-Order Cocrystals: Tuning Order, Functionality and Size in Cocrystal Design**. <i>Angewandte Chemie</i> , 2021 , 133, 17622-17631	3.6	0
4	Reaction of the Decaosmium Carbido Cluster [Os ₁₀ (μ -C)(CO) ₂₄] ₂ with Halostibines. <i>Journal of Cluster Science</i> , 2021 , 32, 929-935	3	0
3	Determination of Microamounts of Proteins by Resonance Light Scattering with Copper Phthalocyanine Tetrasulfonic Acid. <i>Spectroscopy Letters</i> , 2005 , 38, 419-429	1.1	
2	Investigating the solid-state assembly of pharmaceutically-relevant N,N-dimethyl-O-thiocarbamates in the absence of labile hydrogen bonds. <i>CrystEngComm</i> , 2020 , 22, 8290-8298		

- 1 Ruthenium-Based Structural Mimics of the Cofactor of [Fe]-Hydrogenase: Replacement of the Acyl Moiety with an N-Heterocyclic Carbene. *ChemistrySelect*, **2020**, 5, 10775-10780 1.8