Yuan-Bin She

List of Publications by Year
in descending order

134	3,749	147566	155451
papers	citations	31 h-index	55 g-index

135	135	135	3541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DefectâRich Bi₁₂O₁₇Cl₂ Nanotubes SelfâAccelerating Charge Separation for Boosting Photocatalytic CO₂ Reduction. Angewandte Chemie - International Edition, 2018, 57, 14847-14851.	7.2	329
2	Porous nitrogen-rich g-C3N4 nanotubes for efficient photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2019, 256, 117854.	10.8	271
3	Ligand-Induced Drastic Enhancement of Catalytic Activity of Nano-BiFeO₃ for Oxidative Degradation of Bisphenol A. ACS Catalysis, 2011, 1, 1193-1202.	5.5	171
4	In-situ hydroxyl modification of monolayer black phosphorus for stable photocatalytic carbon dioxide conversion. Applied Catalysis B: Environmental, 2020, 269, 118760.	10.8	147
5	Exploring deep effects of atomic vacancies on activating CO2 photoreduction via rationally designing indium oxide photocatalysts. Chemical Engineering Journal, 2021, 422, 129888.	6.6	110
6	Oxidation of Cyclohexane to Adipic Acid Using Feâ˜Porphyrin as a Biomimetic Catalyst. Organic Process Research and Development, 2004, 8, 418-420.	1.3	97
7	Fluorescence paper-based sensor for visual detection of carbamate pesticides in food based on CdTe quantum dot and nano ZnTPyP. Food Chemistry, 2020, 327, 127075.	4.2	85
8	Mo-O-Bi Bonds as interfacial electron transport bridges to fuel CO2 photoreduction via in-situ reconstruction of black Bi2MoO6/BiO2-x heterojunction. Chemical Engineering Journal, 2022, 429, 132204.	6.6	83
9	Surface modification of nano-Fe₃O₄with EDTA and its use in H₂O₂activation for removing organic pollutants. Catalysis Science and Technology, 2012, 2, 187-194.	2.1	81
10	A novel thioctic acid-carbon dots fluorescence sensor for the detection of Hg2+ and thiophanate methyl via S-Hg affinity. Food Chemistry, 2021, 346, 128923.	4.2	79
11	Nanomaterials as optical sensors for application in rapid detection of food contaminants, quality and authenticity. Sensors and Actuators B: Chemical, 2021, 329, 129135.	4.0	70
12	A multidimensional In₂S₃â€“CuInS₂ heterostructure for photocatalytic carbon dioxide reduction. Inorganic Chemistry Frontiers, 2018, 5, 3163-3169.	3.0	67
13	Tetradentate Platinum(II) Complexes for Highly Efficient Phosphorescent Emitters and Sky Blue OLEDs. Chemistry of Materials, 2020, 32, 537-548.	3.2	61
14	Microwave-assisted deep eutectic solvent extraction coupled with headspace solid-phase microextraction followed by GC-MS for the analysis of volatile compounds from tobacco. Analytical Methods, 2017, 9, 856-863.	1.3	60
15	Highly Efficient Removal of Cr(VI) on a Stable Metalâ€“Organic Framework Based on Enhanced H-Bond Interaction. Industrial & Engineering Chemistry Research, 2019, 58, 23330-23337.	1.8	57
16	Double quantum dots-nanoporphyrin fluorescence-visualized paper-based sensors for detecting organophosphorus pesticides. Talanta, 2019, 199, 46-53.	2.9	54
17	A Green Process for Oxidation ofp-Nitrotoluene Catalyzed by Metalloporphyrins under Mild Conditions. Organic Process Research and Development, 2006, 10, 757-761.	1.3	53
18	Cryo-induced closely bonded heterostructure for effective CO2 conversion: The case of ultrathin BP nanosheets/g-C3N4. Journal of Energy Chemistry, 2020, 49, 89-95.	7.1	49

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19	Revisiting imidazolium receptors for the recognition of anions: highlighted research during 2010â€“2019. Chemical Society Reviews, 2021, 50, 589-618.	18.7	47
20	Accelerated Photoreduction of CO₂ to CO over a Stable Heterostructure with a Seamless Interface. ACS Applied Materials & Interfaces, 2021, 13, 39523-39532.	4.0	47
21	AntDAS: Automatic Data Analysis Strategy for UPLCâ€“QTOF-Based Nontargeted Metabolic Profiling Analysis. Analytical Chemistry, 2017, 89, 11083-11090.	3.2	45
22	Highly Efficient Catalytic Esterification in an âˆ’SO₃H-Functionalized Cr(III)-MOF. Industrial & Engineering Chemistry Research, 2018, 57, 8388-8395.	1.8	45
23	Recent progress of 3D-printed microneedles for transdermal drug delivery. International Journal of Pharmaceutics, 2021, 593, 120106.	2.6	44
24	Highly Chemically Stable MOFs with Trifluoromethyl Groups: Effect of Position of Trifluoromethyl Groups on Chemical Stability. Inorganic Chemistry, 2019, 58, 5725-5732.	1.9	43
25	Recent Advances in Motion Control of Micro/Nanomotors. Advanced Intelligent Systems, 2020, 2, 2000049.	3.3	43
26	Grain-boundary surface terminations incorporating oxygen vacancies for selectively boosting CO2 photoreduction activity. Nano Energy, 2021, 84, 105869.	8.2	43
27	Selective cyclohexane oxidation catalyzed by manganese porphyrins and co-catalysts. Catalysis Today, 2016, 264, 185-190.	2.2	40
28	â€œTurn-offâ€•fluorescent data array sensor based on double quantum dots coupled with chemometrics for highly sensitive and selective detection of multicomponent pesticides. Analytica Chimica Acta, 2016, 916, 84-91.	2.6	39
29	Defectâ€Rich Bi₁₂O₁₇Cl₂ Nanotubes Selfâ€Accelerating Charge Separation for Boosting Photocatalytic CO₂ Reduction. Angewandte Chemie, 2018, 130, 15063-15067.	1.6	38
30	Unique Dualâ€Sites Boosting Overall CO₂ Photoconversion by Hierarchical Electron Harvesters. Small, 2021, 17, e2103796.	5.2	38
31	CuCl-Catalyzed Ullmann-Type Câ€“N Cross-Coupling Reaction of Carbazoles and 2-Bromopyridine Derivatives. Journal of Organic Chemistry, 2017, 82, 1024-1033.	1.7	36
32	Metal-Assisted Delayed Fluorescent Pd(II) Complexes and Phosphorescent Pt(II) Complex Based on [1,2,4]Triazolo[4,3-a]pyridine-Containing Ligands: Synthesis, Characterization, Electrochemistry, Photophysical Studies, and Application. Inorganic Chemistry, 2019, 58, 14349-14360.	1.9	35
33	Rational design of an â€œon-off-onâ€•fluorescent assay for chiral amino acids based on quantum dots and nanoporphyrin. Sensors and Actuators B: Chemical, 2019, 287, 1-8.	4.0	33
34	Colorimetric sensor array based on silver deposition of gold nanorods for discrimination of Chinese white spirits. Sensors and Actuators B: Chemical, 2020, 320, 128256.	4.0	32
35	Highly Efficient, Mild, Bromide-Free and Acetic Acid-Free Dioxygen Oxidation ofp-Nitrotoluene top-Nitrobenzoic Acid with Metal Phthalocyanine Catalysts. Organic Process Research and Development, 2005, 9, 297-301.	1.3	30
36	Simple automatic strategy for background drift correction in chromatographic data analysis. Journal of Chromatography A, 2016, 1449, 89-99.	1.8	30

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37	Highly Enantioselective Hydrogenation of Non-ortho-Substituted 2-Pyridyl Aryl Ketones via Iridium-f-Diaphos Catalysis. Organic Letters, 2019, 21, 5392-5396.	2.4	30
38	Tailoring Electronic Properties of Porphyrin Manganese on Boron Nitride for Enhancing Aerobic Oxidative Desulfurization at Room Temperature. ACS Sustainable Chemistry and Engineering, 2020, 8, 1015-1022.	3.2	30
39	Detection of tetracycline antibiotics using fluorescent â€œTurn-offâ€•sensor based on S, N-doped carbon quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 274, 121033.	2.0	30
40	â€œTurn-offâ€•fluorescent sensor based on double quantum dots coupled with chemometrics for highly sensitive and specific recognition of 53 famous green teas. Analytica Chimica Acta, 2018, 1008, 103-110.	2.6	29
41	A novel enhanced fluorescence method based on multifunctional carbon dots for specific detection of Hg2+ in complex samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117109.	2.0	29
42	Plasma-induced defect engineering: Boosted the reverse water gas shift reaction performance with electron trap. Journal of Colloid and Interface Science, 2020, 580, 814-821.	5.0	29
43	Detection of unexpected frauds: Screening and quantification of maleic acid in cassava starch by Fourier transform near-infrared spectroscopy. Food Chemistry, 2017, 227, 322-328.	4.2	28
44	Rh(<scp>iii</scp>)-catalyzed, hydrazine-directed Câ€“H functionalization with 1-alkynylcyclobutanols: a new strategy for 1H-indazoles. Chemical Communications, 2020, 56, 7415-7418.	2.2	28
45	Heterogeneous Fenton degradation of ofloxacin catalyzed by magnetic nanostructured MnFe2O4 with different morphologies. Environmental Science and Pollution Research, 2021, 28, 26558-26570.	2.7	28
46	Highly Efficient Phosphorescent Tetradentate Platinum(II) Complexes Containing Fused 6/5/6 Metallocycles. Inorganic Chemistry, 2020, 59, 3718-3729.	1.9	27
47	â€œTurn-offâ€•fluorescent sensor for highly sensitive and specific simultaneous recognition of 29 famous green teas based on quantum dots combined with chemometrics. Analytica Chimica Acta, 2017, 963, 119-128.	2.6	26
48	Surface immobilization of Î²-cyclodextrin on hybrid silica and its fast adsorption performance of p-nitrophenol from the aqueous phase. RSC Advances, 2015, 5, 84410-84422.	1.7	23
49	Selective Solvent-Free and Additive-Free Oxidation of Primary Benzylic Câ€“H Bonds with O2 Catalyzed by the Combination of Metalloporphyrin with N-Hydroxyphthalimide. Catalysis Letters, 2020, 150, 3096-3111.	1.4	22
50	Enzyme-driven micro/nanomotors: Recent advances and biomedical applications. International Journal of Biological Macromolecules, 2021, 167, 457-469.	3.6	22
51	Efficient and selective oxidation of tertiary benzylic C H bonds with O2 catalyzed by metalloporphyrins under mild and solvent-free conditions. Applied Catalysis A: General, 2020, 599, 117599.	2.2	20
52	Synergistic effect of isolated Co and Fe dual active sites boosting the photocatalytic hydrogen evolution reaction. Journal of Alloys and Compounds, 2022, 895, 162290.	2.8	20
53	Automatic untargeted metabolic profiling analysis coupled with Chemometrics for improving metabolite identification quality to enhance geographical origin discrimination capability. Journal of Chromatography A, 2018, 1541, 12-20.	1.8	19
54	Efficient deep-blue organic light-emitting diodes employing difluoroboron-enabled thermally activated delayed fluorescence emitters. Journal of Materials Chemistry C, 2020, 8, 17464-17473.	2.7	19

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55	Development of a triple channel colorimetric paper sensor array based on quantum dots: A robust tool for process monitoring and quality control of basic liquors of Baijiu. Sensors and Actuators B: Chemical, 2020, 319, 128260.	4.0	19
56	N-Heterocyclic carbene-based tetradentate platinum(<scp>ii</scp>) complexes for phosphorescent OLEDs with high brightness. Journal of Materials Chemistry C, 2021, 10, 210-218.	2.7	18
57	CuCl-Catalyzed Hydroxylation of N-Heteroarylcarbazole Bromide: Approach for the Preparation of N-Heteroarylcarbazolyl Phenols and Its Application in the Synthesis of Phosphorescent Emitters. Journal of Organic Chemistry, 2017, 82, 8634-8644.	1.7	17
58	Computational Studies on the Mechanism and Origin of the Different Regioselectivities of Manganese Porphyrin-Catalyzed Câ€“H Bond Hydroxylation and Amidation of Equilenin Acetate. Journal of Organic Chemistry, 2020, 85, 14879-14889.	1.7	17
59	Tetradentate Platinum(II) and Palladium(II) Complexes Containing Fused 6/6/6 or 6/6/5 Metallocycles with Azacarbazolylcarbazole-Based Ligands. Inorganic Chemistry, 2021, 60, 12972-12983.	1.9	17
60	A colorimetric sensor array for recognition of 32 Chinese traditional cereal vinegars based on â€œturn-off/onâ€•fluorescence of acid-sensitive quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117683.	2.0	16
61	Tuning the Excited State of Tetradentate Pd(II) Complexes for Highly Efficient Deep-Blue Phosphorescent Materials. Inorganic Chemistry, 2020, 59, 13502-13516.	1.9	16
62	Preparation and application of polystyrene-divinylbenzene sorbent with weak cation-exchange character for the selective extraction of illicit drugs in environmental water. Journal of Chromatography A, 2022, 1671, 462994.	1.8	16
63	Metal-Free Aerobic Oxidation of Nitro-Substituted Alkylarenes to Carboxylic Acids or Benzyl Alcohols Promoted by NaOH. Journal of Organic Chemistry, 2018, 83, 8092-8103.	1.7	15
64	Intramolecular hydrogen bond-induced high chemical stability of metalâ€“organic frameworks. Inorganic Chemistry Frontiers, 2020, 7, 3548-3554.	3.0	14
65	Microwave-assisted Natural Deep Eutectic Solvents Pretreatment Followed by Hydrodistillation Coupled with GC-MS for Analysis of Essential Oil from Turmeric (<i>Curcuma longa</i> L.). Journal of Oleo Science, 2021, 70, 1481-1494.	0.6	14
66	Furfural and organic acid targeted carbon dot sensor array for the accurate identification of Chinese baijiu. Journal of Food Science, 2021, 86, 2924-2938.	1.5	14
67	Carbonyl flavor compound-targeted colorimetric sensor array based on silver nitrate and o-phenylenediamine derivatives for the discrimination of Chinese Baijiu. Food Chemistry, 2022, 372, 131216.	4.2	14
68	Selective Aerobic Oxidation of 4-Ethylnitrobenzene to 4-Nitroacetophenone Promoted by Metalloporphyrins. Organic Process Research and Development, 2019, 23, 1078-1086.	1.3	13
69	Few-layer Bi₂O₂CO₃ nanosheets derived from electrochemically exfoliated bismuthene for the enhanced photocatalytic degradation of ciprofloxacin antibiotic. RSC Advances, 2021, 11, 13731-13738.	1.7	13
70	Four-channel fluorescent sensor array based on various functionalized CdTe quantum dots for the discrimination of Chinese baijiu. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119513.	2.0	13
71	Nanostructure and functional group engineering of black phosphorus via plasma treatment for CO2 photoreduction. Journal of CO2 Utilization, 2021, 54, 101745.	3.3	13
72	Phosphorescent Tetradentate Platinum(II) Complexes Containing Fused 6/5/5 or 6/5/6 Metallocycles. Inorganic Chemistry, 2020, 59, 18109-18121.	1.9	12

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73	Dual-QDs ratios fluorescent probe for sensitive and selective detection of silver ions contamination in real sample. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 234, 118248.	2.0	12
74	Visual paper-based sensor for the highly sensitive detection of caffeine in food and biological matrix based on CdTe-nano ZnTPyP combined with chemometrics. Mikrochimica Acta, 2021, 188, 27.	2.5	12
75	Characterization of Aroma-Active Components and Antioxidant Activity Analysis of E-jiao (Colla Corii) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	11
76	Computational exploration of Pdâ€catalyzed Câ€“H bond activation reactions. International Journal of Quantum Chemistry, 2018, 118, e25723.	1.0	11
77	Determination of prostate cancer marker Zn2+ with a highly selective surface-enhanced Raman scattering probe on liquidâ€“liquid self-assembled Au nanoarrays. Talanta, 2020, 209, 120569.	2.9	11
78	Efficient and selective oxidation of secondary benzylic C H bonds to ketones with O2 catalyzed by metalloporphyrins under solvent-free and additive-free conditions. Molecular Catalysis, 2020, 493, 111102.	1.0	11
79	Fluorescent sensor based on quantum dots and nanoâ€porphyrin for highly sensitive and specific determination of ethyl carbamate in fermented food. Journal of the Science of Food and Agriculture, 2021, 101, 6193-6201.	1.7	11
80	Autofluorescence free detection of carcinoembryonic antigen in pleural effusion by persistent luminescence nanoparticle-based aptasensors. Analytica Chimica Acta, 2022, 1194, 339408.	2.6	11
81	Rapid Detection of Exogenous Adulterants and Species Discrimination for a <scp>C</scp>hinese Functional Tea (Banlangen) by Fourierâ€Transform Nearâ€Infrared (<scp>FT</scp>â€<scp>NIR</scp>) Spectroscopy and Chemometrics. Journal of Food Quality, 2015, 38, 450-457.	1.4	10
82	Computational Exploration of Chiral Iron Porphyrin-Catalyzed Asymmetric Hydroxylation of Ethylbenzene Where Stereoselectivity Arises from Ï€â€“Ï€ Stacking Interaction. Journal of Organic Chemistry, 2019, 84, 13755-13763.	1.7	10
83	Interface-Induced Ag Monolayer Film for Surface-Enhanced Raman Scattering Detection of Water-Insoluble Enrofloxacin. Plasmonics, 2021, 16, 349-358.	1.8	10
84	N-Heterocyclic Carbene-Based Tetradentate Pd(II) Complexes for Deep-Blue Phosphorescent Materials. Organometallics, 2021, 40, 472-481.	1.1	10
85	Electrochemical oxidation of catechols in the presence of enaminone: exclusive Î±- arylation. RSC Advances, 2012, 2, 298-306.	1.7	9
86	pH-Dependence of the Aqueous Phase Room Temperature BrÃ¸nsted Acid-Catalyzed Chemoselective Oxidation of Sulfides with H2O2. Molecules, 2015, 20, 16709-16722.	1.7	9
87	Non-targeted Detection of Multiple Frauds in Orange Juice Using Double Water-Soluble Fluorescence Quantum Dots and Chemometrics. Food Analytical Methods, 2019, 12, 2614-2622.	1.3	9
88	Nanoporphyrin/CdTe quantum dots: A robust tool for effective differentiation among DNA structures. Sensors and Actuators B: Chemical, 2019, 281, 623-633.	4.0	9
89	Rapid detection of five pesticide residues using complexes of gold nanoparticle and porphyrin combined with ultraviolet visible spectrum. Journal of the Science of Food and Agriculture, 2020, 100, 4464-4473.	1.7	9
90	Mechanism of methanol decomposition on the Pd/WC(0001) surface unveiled by first-principles calculations. Frontiers of Chemical Science and Engineering, 2020, 14, 1052-1064.	2.3	9

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91	Self-assembly and boosted photodegradation properties of perylene diimide via different solvents. New Journal of Chemistry, 2021, 45, 21701-21707.	1.4	9
92	Simultaneous Recognition of Species, Quality Grades, and Multivariate Calibration of Antioxidant Activities for 12 Famous Green Teas Using Mid- and Near-Infrared Spectroscopy Coupled with Chemometrics. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-14.	0.7	8
93	Mechanism and stereoselectivity of benzylic Câ€“H hydroxylation by Ruâ€“porphyrin: a computational study. Organic and Biomolecular Chemistry, 2020, 18, 346-352.	1.5	8
94	Tuning the Excited State of Tetradentate Pd(II) and Pt(II) Complexes through Benzannulated N â€•Heteroaromatic Ring and Central Metal. Chinese Journal of Chemistry, 2022, 40, 223-234.	2.6	8
95	Fused 6/5/6 Metallocycle-Based Tetradentate Pt(II) Emitters for Efficient Green Phosphorescent OLEDs. Inorganic Chemistry, 2022, 61, 11218-11231.	1.9	8
96	Electrochemically induced cascade Knoevenagelâ€“Michael reactions of tetronic acid and aldehydes: synthesis of methylenebistetronic acids. RSC Advances, 2011, 1, 1383.	1.7	7
97	Combining Near-Infrared Spectroscopy and Chemometrics for Rapid Recognition of an Hg-Contaminated Plant. Journal of Spectroscopy, 2016, 2016, 1-7.	0.6	7
98	ZnCdSe-CdTe quantum dots: A â€œturn-offâ€•fluorescent probe for the detection of multiple adulterants in an herbal honey. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 221, 117212.	2.0	7
99	Acid Activation and Chemical Oxidation in the Synthesis of mesoâ€•Tetraphenylporphyrin using a Mixedâ€•Solvent System. Asian Journal of Organic Chemistry, 2019, 8, 542-548.	1.3	7
100	Determination of <scp>lâ€•</scp>theanine in tea water using fluorescenceâ€•visualized paperâ€•based sensors based on <scp>CdTe</scp> quantum dots/corn carbon dots and nanoâ€•porphyrin with chemometrics. Journal of the Science of Food and Agriculture, 2021, 101, 2552-2560.	1.7	7
101	A mechanistic study of the manganese porphyrin-catalyzed Câ€“H isocyanation reaction. Organic Chemistry Frontiers, 2021, 8, 1858-1866.	2.3	7
102	Understanding the structures and aromaticity of heteroporphyrins with computations. Organic and Biomolecular Chemistry, 2020, 18, 4415-4422.	1.5	7
103	Fluorescent Ionic Liquid Membranes Based on Coumarin for the Real-Time and Visual Detection of Gaseous SO₂. ACS Sustainable Chemistry and Engineering, 2022, 10, 2784-2792.	3.2	7
104	Ni-Catalyzed Ligand-Controlled Selective 5-Exo and 6-Endo Cyclization/Cross-Couplings Involving an Unusual 1,2-Aryl Migration. ACS Catalysis, 2022, 12, 4131-4140.	5.5	7
105	Selective epoxidation of linear terminal olefins with metalloporphyrins under mild conditions. Frontiers of Chemical Engineering in China, 2009, 3, 310-313.	0.6	6
106	The Feasibility of Using Near Infrared Spectroscopy for Rapid Discrimination of Aged Shiitake Mushroom (Lentinula edodes) after Long-Term Storage. Journal of Chemistry, 2015, 2015, 1-7.	0.9	6
107	Efficient and Practical Synthesis of Electron Transport Material and Its Key Intermediate. Organic Process Research and Development, 2017, 21, 1675-1681.	1.3	6
108	A chemometric strategy for accurately identifying illegal additive compounds in health foods by using ultra-high-performance liquid chromatography coupled to high resolution mass spectrometry. Analytical Methods, 2021, 13, 1731-1739.	1.3	6

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109	Positively charged silver improve carbon dioxide electroreduction reaction performance by introducing phosphate. Journal of Colloid and Interface Science, 2022, 609, 65-74.	5.0	6
110	Phenothiazine metal-organic framework materials with excellent third-order nonlinear properties. Dyes and Pigments, 2022, 205, 110398.	2.0	6
111	Kinetic and theoretical study on peroxynitrite decomposition catalyzed by iron porphyrins. Reaction Kinetics, Mechanisms and Catalysis, 2010, 101, 291-300.	0.8	5
112	Adsorption capacity, kinetics, and thermodynamics of chitosan nanoparticles onto cotton fabrics without any chemical binders. Polymer Composites, 2015, 36, 2093-2102.	2.3	5
113	Enhanced Specificity for Detection of Frauds by Fusion of Multi-class and One-Class Partial Least Squares Discriminant Analysis: Geographical Origins of Chinese Shiitake Mushroom. Food Analytical Methods, 2016, 9, 451-458.	1.3	5
114	Fabrication of liquidâ€“liquid self-assembled Ag arrays on disposable screen-printed electrodes and their application in the identification and analysis of the adsorption behavior of organic carboxylates through in situ electrochemical surface-enhanced Raman scattering. New Journal of Chemistry, 2020, 44, 1777-1784.	1.4	5
115	Studies on QSAR of metalloporphyrin catalysts in the oxidation of cyclohexane to adipic acid. Frontiers of Chemical Engineering in China, 2007, 1, 155-161.	0.6	4
116	Micellar Enhanced Three-Dimensional Excitation-Emission Matrix Fluorescence for Rapid Determination of Antihypertensives in Human Plasma with Aid of Second-Order Calibration Methods. Journal of Spectroscopy, 2015, 2015, 1-11.	0.6	4
117	Rate-limiting step of the iron porphyrin-catalysed oxidation of cyclohexane to adipic acid by DFT method. Molecular Simulation, 2015, 41, 262-270.	0.9	4
118	Tetradentate Cyclometalated Platinum(II) Complexes for Efficient and Stable Organic Light-Emitting Diodes. , 0, , .		4
119	Decomposition mechanism of HCOOH on Pt/WC(0001) surfaces: a density functional theory study. Molecular Simulation, 2020, 46, 947-956.	0.9	4
120	Mechanistic Investigation of Palladium-Catalyzed meta-Câ€“H Bond Activation of Arenes with a Carboxyl Directing Group. Journal of Organic Chemistry, 2021, 86, 13475-13480.	1.7	4
121	Simultaneous quantitative structureâ€activity relationship analysis of catalyst activity and selectivity in the direct oxidation of Câ€•H bonds. Journal of Chemometrics, 2019, 33, e3165.	0.7	3
122	Determination of Trace Anions in Sodium Carboxymethyl Cellulose by Ion Chromatography. Chromatographia, 2020, 83, 677-681.	0.7	3
123	A novel dual-channel fluorescence sensor array based on the reaction of o-phenylenediamine/3,4-diaminotoluene and pyrocatechol for Baijiu discrimination. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 278, 121273.	2.0	3
124	Discriminating the Geographical Origins of Chinese White Lotus Seeds by Near-Infrared Spectroscopy and Chemometrics. Journal of Spectroscopy, 2015, 2015, 1-8.	0.6	2
125	Quality Degradation of Chinese White Lotus Seeds Caused by Dampening during Processing and Storage: Rapid and Nondestructive Discrimination Using Near-Infrared Spectroscopy. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-7.	0.7	2
126	Study of special catalytic behaviors of the metal porphyrins with different central metal ions in the aerobic oxidation of 4-nitroethylbenzene to 4-nitroacetophenone. Russian Journal of Applied Chemistry, 2015, 88, 885-890.	0.1	2

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127	Computational insights into different regioselectivities in the Ir-porphyrin-catalyzed Câ€“H insertion reaction of quinoid carbene. Organic Chemistry Frontiers, 2022, 9, 1143-1151.	2.3	2
128	Artificial intelligence informed toxicity screening of amine chemistries used in the synthesis of hybrid <scp>organicâ€“inorganic</scp> perovskites. AICHE Journal, 2022, 68, .	1.8	1
129	Computational Exploration of Dinuclear MgCo Complex-Catalyzed Ring-Opening Copolymerization of Cyclohexene Oxide and CO₂. Macromolecules, 2022, 55, 5766-5774.	2.2	1
130	Kinetics of Tetra-(p-Carboxyphenyl) Cobalt Porphyrin Chloride Reactions with Peroxynitrite. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
131	Notice of Retraction: Metabolism of Phenanthrene in Peroxynitrite/Fe(III) Porphyrin System by HPLC-MS. , 2011, , .		0
132	Metal-free chemoselective oxidation of sulfides to sulfoxides catalyzed by immobilized l-aspartic acid and l-glutamic acid in an aqueous phase at room temperature. New Journal of Chemistry, 2016, 40, 4874-4878.	1.4	0
133	To correlate and predict the potential and new functions of traditional Chinese medicine formulas based on similarity indices. Journal of Chemometrics, 2018, 32, e2924.	0.7	0
134	Constructing Ni 3 C/2D gâ€‰ 3 N 4 Photocatalyst and the Internal Catalytic Mechanism Study. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100171.	0.8	0