

Yuan-Bin She

List of Publications by Year in descending order

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134
papers

3,749
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147566

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155451

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docs citations

135
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonyl flavor compound-targeted colorimetric sensor array based on silver nitrate and o-phenylenediamine derivatives for the discrimination of Chinese Baijiu. <i>Food Chemistry</i> , 2022, 372, 131216.	4.2	14
2	Mo-O-Bi Bonds as interfacial electron transport bridges to fuel CO ₂ photoreduction via in-situ reconstruction of black Bi ₂ MoO ₆ /BiO ₂ -x heterojunction. <i>Chemical Engineering Journal</i> , 2022, 429, 132204.	6.6	83
3	Synergistic effect of isolated Co and Fe dual active sites boosting the photocatalytic hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162290.	2.8	20
4	Positively charged silver improve carbon dioxide electroreduction reaction performance by introducing phosphate. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 65-74.	5.0	6
5	Autofluorescence free detection of carcinoembryonic antigen in pleural effusion by persistent luminescence nanoparticle-based aptasensors. <i>Analytica Chimica Acta</i> , 2022, 1194, 339408.	2.6	11
6	Computational insights into different regioselectivities in the Ir-porphyrin-catalyzed C-H insertion reaction of quinoid carbene. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1143-1151.	2.3	2
7	Tuning the Excited State of Tetradentate Pd(II) and Pt(II) Complexes through Benzannulated N-Heteroaromatic Ring and Central Metal. <i>Chinese Journal of Chemistry</i> , 2022, 40, 223-234.	2.6	8
8	Fluorescent Ionic Liquid Membranes Based on Coumarin for the Real-Time and Visual Detection of Gaseous SO ₂ . <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2784-2792.	3.2	7
9	Ni-Catalyzed Ligand-Controlled Selective 5-Exo and 6-Endo Cyclization/Cross-Couplings Involving an Unusual 1,2-Aryl Migration. <i>ACS Catalysis</i> , 2022, 12, 4131-4140.	5.5	7
10	Artificial intelligence informed toxicity screening of amine chemistries used in the synthesis of hybrid organic-inorganic perovskites. <i>AIChE Journal</i> , 2022, 68, .	1.8	1
11	Preparation and application of polystyrene-divinylbenzene sorbent with weak cation-exchange character for the selective extraction of illicit drugs in environmental water. <i>Journal of Chromatography A</i> , 2022, 1671, 462994.	1.8	16
12	Detection of tetracycline antibiotics using fluorescent "Turn-off" sensor based on S, N-doped carbon quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121033.	2.0	30
13	A novel dual-channel fluorescence sensor array based on the reaction of o-phenylenediamine/3,4-diaminotoluene and pyrocatechol for Baijiu discrimination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121273.	2.0	3
14	Phenothiazine metal-organic framework materials with excellent third-order nonlinear properties. <i>Dyes and Pigments</i> , 2022, 205, 110398.	2.0	6
15	Computational Exploration of Dinuclear MgCo Complex-Catalyzed Ring-Opening Copolymerization of Cyclohexene Oxide and CO ₂ . <i>Macromolecules</i> , 2022, 55, 5766-5774.	2.2	1
16	Fused 6/5/6 Metallocycle-Based Tetradentate Pt(II) Emitters for Efficient Green Phosphorescent OLEDs. <i>Inorganic Chemistry</i> , 2022, 61, 11218-11231.	1.9	8
17	Determination of theanine in tea water using fluorescence visualized paper-based sensors based on CdTe quantum dots/corn carbon dots and nano-porphyrin with chemometrics. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2552-2560.	1.7	7
18	Recent progress of 3D-printed microneedles for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120106.	2.6	44

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19	Revisiting imidazolium receptors for the recognition of anions: highlighted research during 2010–2019. <i>Chemical Society Reviews</i> , 2021, 50, 589-618.	18.7	47
20	Enzyme-driven micro/nanomotors: Recent advances and biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 457-469.	3.6	22
21	Nanomaterials as optical sensors for application in rapid detection of food contaminants, quality and authenticity. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129135.	4.0	70
22	Interface-Induced Ag Monolayer Film for Surface-Enhanced Raman Scattering Detection of Water-Insoluble Enrofloxacin. <i>Plasmonics</i> , 2021, 16, 349-358.	1.8	10
23	Few-layer Bi ₂ O ₂ CO ₃ nanosheets derived from electrochemically exfoliated bismuthene for the enhanced photocatalytic degradation of ciprofloxacin antibiotic. <i>RSC Advances</i> , 2021, 11, 13731-13738.	1.7	13
24	Heterogeneous Fenton degradation of ofloxacin catalyzed by magnetic nanostructured MnFe ₂ O ₄ with different morphologies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26558-26570.	2.7	28
25	Visual paper-based sensor for the highly sensitive detection of caffeine in food and biological matrix based on CdTe-nano ZnTPyP combined with chemometrics. <i>Mikrochimica Acta</i> , 2021, 188, 27.	2.5	12
26	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.). <i>Journal of Oleo Science</i> , 2021, 70, 1481-1494.	0.6	14
27	<i>N</i> -Heterocyclic Carbene-Based Tetradentate Pd(II) Complexes for Deep-Blue Phosphorescent Materials. <i>Organometallics</i> , 2021, 40, 472-481.	1.1	10
28	Four-channel fluorescent sensor array based on various functionalized CdTe quantum dots for the discrimination of Chinese baijiu. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119513.	2.0	13
29	Fluorescent sensor based on quantum dots and nano-porphyrin for highly sensitive and specific determination of ethyl carbamate in fermented food. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6193-6201.	1.7	11
30	A novel thioctic acid-carbon dots fluorescence sensor for the detection of Hg ²⁺ and thiophanate methyl via S-Hg affinity. <i>Food Chemistry</i> , 2021, 346, 128923.	4.2	79
31	Furfural and organic acid targeted carbon dot sensor array for the accurate identification of Chinese baijiu. <i>Journal of Food Science</i> , 2021, 86, 2924-2938.	1.5	14
32	Grain-boundary surface terminations incorporating oxygen vacancies for selectively boosting CO ₂ photoreduction activity. <i>Nano Energy</i> , 2021, 84, 105869.	8.2	43
33	Constructing Ni ₃ C/2D g-C ₃ N ₄ Photocatalyst and the Internal Catalytic Mechanism Study. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100171.	0.8	0
34	Unique Dual-Sites Boosting Overall CO ₂ Photoconversion by Hierarchical Electron Harvesters. <i>Small</i> , 2021, 17, e2103796.	5.2	38
35	Tetradentate Platinum(II) and Palladium(II) Complexes Containing Fused 6/6/6 or 6/6/5 Metallocycles with Azacarbazolylicarbazole-Based Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 12972-12983.	1.9	17
36	Accelerated Photoreduction of CO ₂ to CO over a Stable Heterostructure with a Seamless Interface. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39523-39532.	4.0	47

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37	Mechanistic Investigation of Palladium-Catalyzed <i>meta</i> -C-H Bond Activation of Arenes with a Carboxyl Directing Group. <i>Journal of Organic Chemistry</i> , 2021, 86, 13475-13480.	1.7	4
38	Exploring deep effects of atomic vacancies on activating CO ₂ photoreduction via rationally designing indium oxide photocatalysts. <i>Chemical Engineering Journal</i> , 2021, 422, 129888.	6.6	110
39	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. <i>Analytical Methods</i> , 2021, 13, 1731-1739.	1.3	6
40	A mechanistic study of the manganese porphyrin-catalyzed C-H isocyanation reaction. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1858-1866.	2.3	7
41	Nanostructure and functional group engineering of black phosphorus via plasma treatment for CO ₂ photoreduction. <i>Journal of CO₂ Utilization</i> , 2021, 54, 101745.	3.3	13
42	Self-assembly and boosted photodegradation properties of perylene diimide <i>via</i> different solvents. <i>New Journal of Chemistry</i> , 2021, 45, 21701-21707.	1.4	9
43	N-Heterocyclic carbene-based tetradentate platinum(<i>ii</i>) complexes for phosphorescent OLEDs with high brightness. <i>Journal of Materials Chemistry C</i> , 2021, 10, 210-218.	2.7	18
44	A colorimetric sensor array for recognition of 32 Chinese traditional cereal vinegars based on <i>turn-off/on</i> fluorescence of acid-sensitive quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117683.	2.0	16
45	Fabrication of liquid-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 <i>in situ</i> electrochemical surface-enhanced Raman scattering. <i>New Journal of Chemistry</i> , 2020, 44, 1777-1784.	1.4	5
46	Mechanism and stereoselectivity of benzylic C-H hydroxylation by Ru-porphyrin: a computational study. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 346-352.	1.5	8
47	Tetradentate Platinum(II) Complexes for Highly Efficient Phosphorescent Emitters and Sky Blue OLEDs. <i>Chemistry of Materials</i> , 2020, 32, 537-548.	3.2	61
48	Tailoring Electronic Properties of Porphyrin Manganese on Boron Nitride for Enhancing Aerobic Oxidative Desulfurization at Room Temperature. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1015-1022.	3.2	30
49	Determination of prostate cancer marker Zn ²⁺ with a highly selective surface-enhanced Raman scattering probe on liquid-liquid self-assembled Au nanoarrays. <i>Talanta</i> , 2020, 209, 120569.	2.9	11
50	Plasma-induced defect engineering: Boosted the reverse water gas shift reaction performance with electron trap. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 814-821.	5.0	29
51	Efficient and selective oxidation of secondary benzylic C-H bonds to ketones with O ₂ catalyzed by metalloporphyrins under solvent-free and additive-free conditions. <i>Molecular Catalysis</i> , 2020, 493, 111102.	1.0	11
52	Phosphorescent Tetradentate Platinum(II) Complexes Containing Fused 6/5/5 or 6/5/6 Metallochromes. <i>Inorganic Chemistry</i> , 2020, 59, 18109-18121.	1.9	12
53	Computational Studies on the Mechanism and Origin of the Different Regioselectivities of Manganese Porphyrin-Catalyzed C-H Bond Hydroxylation and Amidation of Equilenin Acetate. <i>Journal of Organic Chemistry</i> , 2020, 85, 14879-14889.	1.7	17
54	Efficient deep-blue organic light-emitting diodes employing difluoroboron-enabled thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17464-17473.	2.7	19

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55	Intramolecular hydrogen bond-induced high chemical stability of metal-organic frameworks. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3548-3554.	3.0	14
56	Decomposition mechanism of HCOOH on Pt/WC(0001) surfaces: a density functional theory study. <i>Molecular Simulation</i> , 2020, 46, 947-956.	0.9	4
57	Tuning the Excited State of Tetradentate Pd(II) Complexes for Highly Efficient Deep-Blue Phosphorescent Materials. <i>Inorganic Chemistry</i> , 2020, 59, 13502-13516.	1.9	16
58	Rapid detection of five pesticide residues using complexes of gold nanoparticle and porphyrin combined with ultraviolet visible spectrum. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4464-4473.	1.7	9
59	Efficient and selective oxidation of tertiary benzylic C-H bonds with O ₂ catalyzed by metalloporphyrins under mild and solvent-free conditions. <i>Applied Catalysis A: General</i> , 2020, 599, 117599.	2.2	20
60	Dual-QDs ratios fluorescent probe for sensitive and selective detection of silver ions contamination in real sample. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118248.	2.0	12
61	Rh-catalyzed, hydrazine-directed C-H functionalization with 1-alkynylcyclobutanols: a new strategy for <i>H</i> -indazoles. <i>Chemical Communications</i> , 2020, 56, 7415-7418.	2.2	28
62	Recent Advances in Motion Control of Micro/Nanomotors. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000049.	3.3	43
63	In-situ hydroxyl modification of monolayer black phosphorus for stable photocatalytic carbon dioxide conversion. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118760.	10.8	147
64	Highly Efficient Phosphorescent Tetradentate Platinum(II) Complexes Containing Fused 6/5/6 Metallochromes. <i>Inorganic Chemistry</i> , 2020, 59, 3718-3729.	1.9	27
65	Cryo-induced closely bonded heterostructure for effective CO ₂ conversion: The case of ultrathin BP nanosheets/g-C ₃ N ₄ . <i>Journal of Energy Chemistry</i> , 2020, 49, 89-95.	7.1	49
66	Determination of Trace Anions in Sodium Carboxymethyl Cellulose by Ion Chromatography. <i>Chromatographia</i> , 2020, 83, 677-681.	0.7	3
67	Mechanism of methanol decomposition on the Pd/WC(0001) surface unveiled by first-principles calculations. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 1052-1064.	2.3	9
68	Selective Solvent-Free and Additive-Free Oxidation of Primary Benzylic C-H Bonds with O ₂ Catalyzed by the Combination of Metalloporphyrin with N-Hydroxyphthalimide. <i>Catalysis Letters</i> , 2020, 150, 3096-3111.	1.4	22
69	Fluorescence paper-based sensor for visual detection of carbamate pesticides in food based on CdTe quantum dot and nano ZnTPyP. <i>Food Chemistry</i> , 2020, 327, 127075.	4.2	85
70	Colorimetric sensor array based on silver deposition of gold nanorods for discrimination of Chinese white spirits. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128256.	4.0	32
71	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. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128260.	4.0	19
72	Understanding the structures and aromaticity of heteroporphyrins with computations. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4415-4422.	1.5	7

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73	Non-targeted Detection of Multiple Frauds in Orange Juice Using Double Water-Soluble Fluorescence Quantum Dots and Chemometrics. <i>Food Analytical Methods</i> , 2019, 12, 2614-2622.	1.3	9
74	Simultaneous quantitative structure-activity relationship analysis of catalyst activity and selectivity in the direct oxidation of C-H bonds. <i>Journal of Chemometrics</i> , 2019, 33, e3165.	0.7	3
75	Computational Exploration of Chiral Iron Porphyrin-Catalyzed Asymmetric Hydroxylation of Ethylbenzene Where Stereoselectivity Arises from π - π Stacking Interaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 13755-13763.	1.7	10
76	Metal-Assisted Delayed Fluorescent Pd(II) Complexes and Phosphorescent Pt(II) Complex Based on [1,2,4]Triazolo[4,3- <i>a</i>]pyridine-Containing Ligands: Synthesis, Characterization, Electrochemistry, Photophysical Studies, and Application. <i>Inorganic Chemistry</i> , 2019, 58, 14349-14360.	1.9	35
77	Double quantum dots-nanoporphyrin fluorescence-visualized paper-based sensors for detecting organophosphorus pesticides. <i>Talanta</i> , 2019, 199, 46-53.	2.9	54
78	Highly Enantioselective Hydrogenation of Non- <i>ortho</i> -Substituted 2-Pyridyl Aryl Ketones via Iridium-Diaphos Catalysis. <i>Organic Letters</i> , 2019, 21, 5392-5396.	2.4	30
79	ZnCdSe-CdTe quantum dots: A turn-off fluorescent probe for the detection of multiple adulterants in an herbal honey. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117212.	2.0	7
80	Porous nitrogen-rich g-C ₃ N ₄ nanotubes for efficient photocatalytic CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117854.	10.8	271
81	A novel enhanced fluorescence method based on multifunctional carbon dots for specific detection of Hg ²⁺ in complex samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117109.	2.0	29
82	Highly Chemically Stable MOFs with Trifluoromethyl Groups: Effect of Position of Trifluoromethyl Groups on Chemical Stability. <i>Inorganic Chemistry</i> , 2019, 58, 5725-5732.	1.9	43
83	Acid Activation and Chemical Oxidation in the Synthesis of <i>meso</i> -Tetraphenylporphyrin using a Mixed-Solvent System. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 542-548.	1.3	7
84	Selective Aerobic Oxidation of 4-Ethylnitrobenzene to 4-Nitroacetophenone Promoted by Metalloporphyrins. <i>Organic Process Research and Development</i> , 2019, 23, 1078-1086.	1.3	13
85	Rational design of an on-off-on fluorescent assay for chiral amino acids based on quantum dots and nanoporphyrin. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 1-8.	4.0	33
86	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. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-14.	0.7	8
87	Highly Efficient Removal of Cr(VI) on a Stable Metal-Organic Framework Based on Enhanced H-Bond Interaction. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 23330-23337.	1.8	57
88	Nanoporphyrin/CdTe quantum dots: A robust tool for effective differentiation among DNA structures. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 623-633.	4.0	9
89	Characterization of Aroma-Active Components and Antioxidant Activity Analysis of E-jiao (Colla Corii) Tj ETQq1 1 0.784314 r BT /Overlo	2.0	11
90	Automatic untargeted metabolic profiling analysis coupled with Chemometrics for improving metabolite identification quality to enhance geographical origin discrimination capability. <i>Journal of Chromatography A</i> , 2018, 1541, 12-20.	1.8	19

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91	“Turn-off” fluorescent sensor based on double quantum dots coupled with chemometrics for highly sensitive and specific recognition of 53 famous green teas. <i>Analytica Chimica Acta</i> , 2018, 1008, 103-110.	2.6	29
92	To correlate and predict the potential and new functions of traditional Chinese medicine formulas based on similarity indices. <i>Journal of Chemometrics</i> , 2018, 32, e2924.	0.7	0
93	A multidimensional In ₂ S ₃ “CuInS ₂ heterostructure for photocatalytic carbon dioxide reduction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3163-3169.	3.0	67
94	Defect-Rich Bi ₁₂ O ₁₇ Cl ₂ Nanotubes Self-Accelerating Charge Separation for Boosting Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2018, 130, 15063-15067.	1.6	38
95	Computational exploration of Pd-catalyzed C-H bond activation reactions. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25723.	1.0	11
96	Defect-Rich Bi ₁₂ O ₁₇ Cl ₂ Nanotubes Self-Accelerating Charge Separation for Boosting Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14847-14851.	7.2	329
97	Highly Efficient Catalytic Esterification in an SO ₃ H-Functionalized Cr(III)-MOF. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8388-8395.	1.8	45
98	Metal-Free Aerobic Oxidation of Nitro-Substituted Alkylarenes to Carboxylic Acids or Benzyl Alcohols Promoted by NaOH. <i>Journal of Organic Chemistry</i> , 2018, 83, 8092-8103.	1.7	15
99	Detection of unexpected frauds: Screening and quantification of maleic acid in cassava starch by Fourier transform near-infrared spectroscopy. <i>Food Chemistry</i> , 2017, 227, 322-328.	4.2	28
100	“Turn-off” fluorescent sensor for highly sensitive and specific simultaneous recognition of 29 famous green teas based on quantum dots combined with chemometrics. <i>Analytica Chimica Acta</i> , 2017, 963, 119-128.	2.6	26
101	CuCl-Catalyzed Ullmann-Type C-N Cross-Coupling Reaction of Carbazoles and 2-Bromopyridine Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 1024-1033.	1.7	36
102	Microwave-assisted deep eutectic solvent extraction coupled with headspace solid-phase microextraction followed by GC-MS for the analysis of volatile compounds from tobacco. <i>Analytical Methods</i> , 2017, 9, 856-863.	1.3	60
103	Efficient and Practical Synthesis of Electron Transport Material and Its Key Intermediate. <i>Organic Process Research and Development</i> , 2017, 21, 1675-1681.	1.3	6
104	AntDAS: Automatic Data Analysis Strategy for UPLC-QTOF-Based Nontargeted Metabolic Profiling Analysis. <i>Analytical Chemistry</i> , 2017, 89, 11083-11090.	3.2	45
105	CuCl-Catalyzed Hydroxylation of <i>N</i> -Heteroarylcarbazole Bromide: Approach for the Preparation of <i>N</i> -Heteroarylcarbazolyl Phenols and Its Application in the Synthesis of Phosphorescent Emitters. <i>Journal of Organic Chemistry</i> , 2017, 82, 8634-8644.	1.7	17
106	Combining Near-Infrared Spectroscopy and Chemometrics for Rapid Recognition of an Hg-Contaminated Plant. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-7.	0.6	7
107	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. <i>New Journal of Chemistry</i> , 2016, 40, 4874-4878.	1.4	0
108	Simple automatic strategy for background drift correction in chromatographic data analysis. <i>Journal of Chromatography A</i> , 2016, 1449, 89-99.	1.8	30

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109	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. <i>Food Analytical Methods</i> , 2016, 9, 451-458.	1.3	5
110	“Turn-off” fluorescent data array sensor based on double quantum dots coupled with chemometrics for highly sensitive and selective detection of multicomponent pesticides. <i>Analytica Chimica Acta</i> , 2016, 916, 84-91.	2.6	39
111	Selective cyclohexane oxidation catalyzed by manganese porphyrins and co-catalysts. <i>Catalysis Today</i> , 2016, 264, 185-190.	2.2	40
112	Rapid Detection of Exogenous Adulterants and Species Discrimination for a Chinese Functional Tea (Banlangen) by Fourier Transform Near-Infrared (FT-NIR) Spectroscopy and Chemometrics. <i>Journal of Food Quality</i> , 2015, 38, 450-457.	1.4	10
113	pH-Dependence of the Aqueous Phase Room Temperature Brønsted Acid-Catalyzed Chemoselective Oxidation of Sulfides with H ₂ O ₂ . <i>Molecules</i> , 2015, 20, 16709-16722.	1.7	9
114	The Feasibility of Using Near Infrared Spectroscopy for Rapid Discrimination of Aged Shiitake Mushroom (<i>Lentinula edodes</i>) after Long-Term Storage. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	0.9	6
115	Discriminating the Geographical Origins of Chinese White Lotus Seeds by Near-Infrared Spectroscopy and Chemometrics. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-8.	0.6	2
116	Quality Degradation of Chinese White Lotus Seeds Caused by Dampening during Processing and Storage: Rapid and Nondestructive Discrimination Using Near-Infrared Spectroscopy. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-7.	0.7	2
117	Micellar Enhanced Three-Dimensional Excitation-Emission Matrix Fluorescence for Rapid Determination of Antihypertensives in Human Plasma with Aid of Second-Order Calibration Methods. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-11.	0.6	4
118	Rate-limiting step of the iron porphyrin-catalysed oxidation of cyclohexane to adipic acid by DFT method. <i>Molecular Simulation</i> , 2015, 41, 262-270.	0.9	4
119	Surface immobilization of β -cyclodextrin on hybrid silica and its fast adsorption performance of p-nitrophenol from the aqueous phase. <i>RSC Advances</i> , 2015, 5, 84410-84422.	1.7	23
120	Study of special catalytic behaviors of the metal porphyrins with different central metal ions in the aerobic oxidation of 4-nitroethylbenzene to 4-nitroacetophenone. <i>Russian Journal of Applied Chemistry</i> , 2015, 88, 885-890.	0.1	2
121	Adsorption capacity, kinetics, and thermodynamics of chitosan nanoparticles onto cotton fabrics without any chemical binders. <i>Polymer Composites</i> , 2015, 36, 2093-2102.	2.3	5
122	Electrochemical oxidation of catechols in the presence of enaminoone: exclusive β -arylation. <i>RSC Advances</i> , 2012, 2, 298-306.	1.7	9
123	Surface modification of nano-Fe ₃ O ₄ with EDTA and its use in H ₂ O ₂ activation for removing organic pollutants. <i>Catalysis Science and Technology</i> , 2012, 2, 187-194.	2.1	81
124	Ligand-Induced Drastic Enhancement of Catalytic Activity of Nano-BiFeO ₃ for Oxidative Degradation of Bisphenol A. <i>ACS Catalysis</i> , 2011, 1, 1193-1202.	5.5	171
125	Electrochemically induced cascade Knoevenagel-Michael reactions of tetronic acid and aldehydes: synthesis of methylenebistetronic acids. <i>RSC Advances</i> , 2011, 1, 1383.	1.7	7
126	Notice of Retraction: Metabolism of Phenanthrene in Peroxynitrite/Fe(III) Porphyrin System by HPLC-MS., 2011, , .		0

#	ARTICLE	IF	CITATIONS
127	Kinetic and theoretical study on peroxyxynitrite decomposition catalyzed by iron porphyrins. Reaction Kinetics, Mechanisms and Catalysis, 2010, 101, 291-300.	0.8	5
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133	Oxidation of Cyclohexane to Adipic Acid Using Fe ^{II} Porphyrin as a Biomimetic Catalyst. Organic Process Research and Development, 2004, 8, 418-420.	1.3	97
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