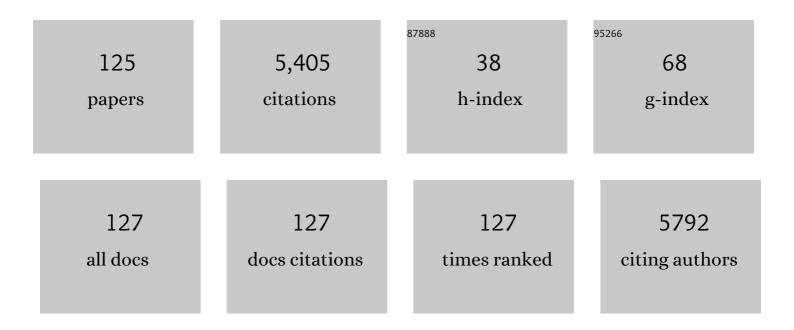
## **Zhiqiang Wang**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Dopant-induced electron localization drives CO2 reduction to C2 hydrocarbons. Nature Chemistry, 2018, 10, 974-980.	13.6	781
2	Atomic layer deposited Pt-Ru dual-metal dimers and identifying their active sites for hydrogen evolution reaction. Nature Communications, 2019, 10, 4936.	12.8	371
3	Boosting CO <sub>2</sub> Electroreduction to CH <sub>4</sub> via Tuning Neighboring Single-Copper Sites. ACS Energy Letters, 2020, 5, 1044-1053.	17.4	326
4	Double sulfur vacancies by lithium tuning enhance CO2 electroreduction to n-propanol. Nature Communications, 2021, 12, 1580.	12.8	162
5	The impact of supply chain integration on firm performance. Supply Chain Management, 2014, 19, 369-384.	6.4	154
6	The impact of operations and supply chain strategies on integration and performance. International Journal of Production Economics, 2017, 185, 162-174.	8.9	146
7	Electronâ€Deficient Cu Sites on Cu <sub>3</sub> Ag <sub>1</sub> Catalyst Promoting CO <sub>2</sub> Electroreduction to Alcohols. Advanced Energy Materials, 2020, 10, 2001987.	19.5	117
8	Effects of managerial ties and trust on supply chain information sharing and supplier opportunism. International Journal of Production Research, 2014, 52, 7046-7061.	7.5	110
9	Green or lean? A supply chain approach to sustainable performance. Journal of Cleaner Production, 2019, 216, 152-166.	9.3	109
10	Substrate strain tunes operando geometric distortion and oxygen reduction activity of CuN2C2 single-atom sites. Nature Communications, 2021, 12, 6335.	12.8	95
11	Effects of information technology alignment and information sharing on supply chain operational performance. Computers and Industrial Engineering, 2013, 65, 370-377.	6.3	90
12	The impact of relationship quality and supplier development on green supply chain integration: A mediation and moderation analysis. Journal of Cleaner Production, 2018, 202, 524-535.	9.3	87
13	Impacts of consumer innovativeness on the intention to purchase sustainable products. Sustainable Production and Consumption, 2021, 27, 774-786.	11.0	84
14	Effects of customer and cost drivers on green supply chain management practices and environmental performance. Journal of Cleaner Production, 2018, 189, 673-682.	9.3	83
15	Effects of standardization and innovation on mass customization: An empirical investigation. Technovation, 2016, 48-49, 79-86.	7.8	81
16	The impact of justice on collaborative and opportunistic behaviors in supply chain relationships. International Journal of Production Economics, 2016, 177, 12-23.	8.9	78
17	Consumer preferences for battery electric vehicles: A choice experimental survey in China. Transportation Research, Part D: Transport and Environment, 2020, 78, 102185.	6.8	78
18	Origin of the fluorine-rich highly differentiated granites from the Qianlishan composite plutons (South China) and implications for polymetallic mineralization. Journal of Asian Earth Sciences, 2014, 93, 301-314.	2.3	77

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19	Enhanced multi-carbon alcohol electroproduction from CO via modulated hydrogen adsorption. Nature Communications, 2020, 11, 3685.	12.8	72
20	Identification and validation of novel low-tiller number QTL in common wheat. Theoretical and Applied Genetics, 2016, 129, 603-612.	3.6	71
21	Effects of proactive environmental strategy on environmental performance: Mediation and moderation analyses. Journal of Cleaner Production, 2019, 235, 1438-1449.	9.3	70
22	Effectiveness of <i>Curcuma longa</i> Extract for the Treatment of Symptoms and Effusion–Synovitis of Knee Osteoarthritis. Annals of Internal Medicine, 2020, 173, 861-869.	3.9	68
23	Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampereâ€Level Electrosynthesis of Formate from CO <sub>2</sub> . Angewandte Chemie - International Edition, 2021, 60, 25741-25745.	13.8	66
24	Genus Paeonia: A comprehensive review on traditional uses, phytochemistry, pharmacological activities, clinical application, and toxicology. Journal of Ethnopharmacology, 2021, 269, 113708.	4.1	63
25	Identification of QTL for flag leaf length in common wheat and their pleiotropic effects. Molecular Breeding, 2018, 38, 1.	2.1	61
26	Modularity in building mass customization capability: The mediating effects of customization knowledge utilization and business process improvement. Technovation, 2014, 34, 678-687.	7.8	60
27	The role of outsourcing management process in improving the effectiveness of logistics outsourcing. International Journal of Production Economics, 2017, 188, 29-40.	8.9	59
28	Bismuth Oxyhydroxide-Pt Inverse Interface for Enhanced Methanol Electrooxidation Performance. Nano Letters, 2020, 20, 7751-7759.	9.1	58
29	Drivers and outcomes of supply chain finance adoption: An empirical investigation in China. International Journal of Production Economics, 2020, 220, 107453.	8.9	57
30	Do policy mix characteristics matter for electric vehicle adoption? A survey-based exploration. Transportation Research, Part D: Transport and Environment, 2020, 87, 102488.	6.8	57
31	Effects of business and political ties on product innovation performance: Evidence from China and India. Technovation, 2019, 80-81, 30-39.	7.8	56
32	TiSi <sub>2</sub> O <sub>x</sub> Coated N-Doped Carbon Nanotubes as Pt Catalyst Support for the Oxygen Reduction Reaction in PEMFCs. Journal of Physical Chemistry C, 2013, 117, 15457-15467.	3.1	53
33	Origins, Phytochemistry, Pharmacology, Analytical Methods and Safety of Cortex Moutan (Paeonia) Tj ETQq1 1	0.784314	rgBT_/Overlo
34	Strategic orientations and mass customisation capability: the moderating effect of product life cycle. International Journal of Production Research, 2015, 53, 5278-5295.	7.5	52
35	Saturable plasmonic metasurfaces for laser mode locking. Light: Science and Applications, 2020, 9, 50.	16.6	50
36	Effects of external uncertainties and power on opportunism in supply chains: evidence from China. International Journal of Production Research, 2015, 53, 6294-6307.	7.5	47

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37	Chemicalâ€ŧoâ€Electricity Carbon: Water Device. Advanced Materials, 2018, 30, e1707635.	21.0	45
38	Effects of institutional support on innovation and performance: roles of dysfunctional competition. Industrial Management and Data Systems, 2017, 117, 50-67.	3.7	44
39	Electronic behaviour of Au-Pt alloys and the 4f binding energy shift anomaly in Au bimetallics- X-ray spectroscopy studies. AlP Advances, 2018, 8, .	1.3	41
40	Spectral filtering effect on mode-locking regimes transition: similariton-dissipative soliton fiber laser. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 2325.	2.1	37
41	Facile synthesis of chitosan assisted multifunctional magnetic Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @CS@pyropheophorbide-a fluorescent nanoparticles for photodynamic therapy. New Journal of Chemistry, 2016, 40, 8522-8534.	2.8	35
42	Geochronology, petrology, and geochemistry of the Yaojiazhuang ultramafic-syenitic complex from the North China Craton. Science China Earth Sciences, 2013, 56, 1294-1307.	5.2	33
43	High Energy All-Fiber Tm-Doped Femtosecond Soliton Laser Mode-Locked by Nonlinear Polarization Rotation. Journal of Lightwave Technology, 2017, 35, 2988-2993.	4.6	33
44	Comprehensive transcriptomics, proteomics, and metabolomics analyses of the mechanisms regulating tiller production in low-tillering wheat. Theoretical and Applied Genetics, 2019, 132, 2181-2193.	3.6	33
45	A resource-based view on enablers of supplier integration: evidence from China. Industrial Management and Data Systems, 2016, 116, 416-444.	3.7	32
46	Supply chain flexibility concepts, dimensions and outcomes: an organisational capability perspective. International Journal of Production Research, 2018, 56, 5883-5903.	7.5	31
47	Selective atomic layer deposition of RuO <sub>x</sub> catalysts on shape-controlled Pd nanocrystals with significantly enhanced hydrogen evolution activity. Journal of Materials Chemistry A, 2018, 6, 24397-24406.	10.3	31
48	Elucidating the Many-Body Effect and Anomalous Pt and Ni Core Level Shifts in X-ray Photoelectron Spectroscopy of Pt–Ni Alloys. Journal of Physical Chemistry C, 2020, 124, 2313-2318.	3.1	29
49	Consumer innovativeness and organic food adoption: The mediation effects of consumer knowledge and attitudes. Sustainable Production and Consumption, 2021, 28, 1465-1474.	11.0	29
50	Digital technology deployment and firm resilience: Evidence from the COVID-19 pandemic. Industrial Marketing Management, 2022, 105, 190-199.	6.7	29
51	Highlyâ€Exposed Singleâ€Interlayered Cu Edges Enable Highâ€Rate CO <sub>2</sub> â€toâ€CH <sub>4</sub> Electrosynthesis. Advanced Energy Materials, 2022, 12, .	19.5	26
52	Why do consumers choose to buy electric vehicles? A paired data analysis of purchase intention configurations. Transportation Research, Part A: Policy and Practice, 2021, 147, 14-27.	4.2	25
53	Magnetic chitosan/graphene oxide composite loaded with novel photosensitizer for enhanced photodynamic therapy. RSC Advances, 2018, 8, 10376-10388.	3.6	24
54	Buildup of incoherent dissipative solitons in ultrafast fiber lasers. Physical Review Research, 2020, 2, .	3.6	24

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55	A Multifunctional Nanoplatform Based on Fenton-like and Russell Reactions of Cu, Mn Bimetallic Ions Synergistically Enhanced ROS Stress for Improved Chemodynamic Therapy. ACS Biomaterials Science and Engineering, 2022, 8, 1354-1366.	5.2	24
56	Efficacy and Safety of Turmeric Extracts for the Treatment of Knee Osteoarthritis: a Systematic Review and Meta-analysis of Randomised Controlled Trials. Current Rheumatology Reports, 2021, 23, 11.	4.7	22
57	Preparation, characterization and in vitro photodynamic therapy of a pyropheophorbide-a-conjugated Fe <sub>3</sub> O <sub>4</sub> multifunctional magnetofluorescence photosensitizer. RSC Advances, 2016, 6, 37610-37620.	3.6	21
58	Beam wander of laser beam propagating through oceanic turbulence. Optik, 2016, 127, 5341-5346.	2.9	21
59	Levitation control of permanent magnet electromagnetic hybrid suspension maglev train. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2018, 232, 315-323.	1.0	20
60	Electron Localization and Lattice Strain Induced by Surface Lithium Doping Enable Ampere‣evel Electrosynthesis of Formate from CO <sub>2</sub> . Angewandte Chemie, 2021, 133, 25945-25949.	2.0	19
61	Interactive effects of external knowledge sources and internal resources on the innovation capability of Chinese manufacturers. Industrial Management and Data Systems, 2016, 116, 1617-1635.	3.7	18
62	Track Irregularity Disturbance Rejection for Maglev Train Based on Online Optimization of PnP Control Architecture. IEEE Access, 2019, 7, 12610-12619.	4.2	18
63	Synthesis and Structure-Dependent Optical Properties of ZnO Nanocomb and ZnO Nanoflag. Journal of Physical Chemistry C, 2017, 121, 26076-26085.	3.1	17
64	The Direct and Indirect Impact of Relational Ties on Innovation Performance: An Empirical Study in China. IEEE Transactions on Engineering Management, 2020, 67, 295-308.	3.5	17
65	Phosphorene Degradation: Visualization and Quantification of Nanoscale Phase Evolution by Scanning Transmission X-ray Microscopy. Chemistry of Materials, 2020, 32, 1272-1280.	6.7	17
66	pH-Sensitive graphene oxide conjugate purpurin-18 methyl ester photosensitizer nanocomplex in photodynamic therapy. New Journal of Chemistry, 2018, 42, 13272-13284.	2.8	16
67	Cylindrical vector beam fiber laser with a symmetric two-mode fiber coupler. Photonics Research, 2019, 7, 1479.	7.0	16
68	Mapping of QTL for total spikelet number per spike on chromosome 2D in wheat using a high-density genetic map. Genetics and Molecular Biology, 2019, 42, 603-610.	1.3	15
69	Comprehensive metabolic profile analysis of the root bark of different species of tree peonies (Paeonia Sect. Moutan). Phytochemistry, 2019, 163, 118-125.	2.9	15
70	Linking product modularity to supply chain integration and flexibility. Production Planning and Control, 2020, 31, 1149-1163.	8.8	14
71	The conventional turns rather than irregular γ-/β-turn secondary structures accounting for the antitumor activities of cyclic peptide Phakellistatin 6 analogs. Tetrahedron, 2020, 76, 130881.	1.9	14
72	SSRMMD: A Rapid and Accurate Algorithm for Mining SSR Feature Loci and Candidate Polymorphic SSRs Based on Assembled Sequences. Frontiers in Genetics, 2020, 11, 706.	2.3	14

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73	Near-Infrared Light-Initiated Upconversion Nanoplatform with Tumor Microenvironment Responsiveness for Improved Photodynamic Therapy. ACS Applied Bio Materials, 2020, 3, 5813-5823.	4.6	14
74	Identification of major quantitative trait loci for root diameter in synthetic hexaploid wheat under phosphorus-deficient conditions. Journal of Applied Genetics, 2017, 58, 437-447.	1.9	13
75	Identification and validation of stable quantitative trait loci for grain filling rate in common wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2020, 133, 2377-2385.	3.6	13
76	Lithium Vacancyâ€Tuned [CuO <sub>4</sub> ] Sites for Selective CO <sub>2</sub> Electroreduction to C <sub>2+</sub> Products. Small, 2022, 18, e2106433.	10.0	13
77	Quantitative trait loci analysis of root traits under phosphorus deficiency at the seedling stage in wheat. Genome, 2018, 61, 209-215.	2.0	12
78	Fe3O4@SiO2mesoporous spheres as Fe(ii) donors loaded with artemisinin and a photosensitizer to alleviate tumor hypoxia in PDT for enhanced anticancer therapy. New Journal of Chemistry, 2019, 43, 8761-8773.	2.8	12
79	Multi-responsive drug delivery nanoplatform for tumor-targeted synergistic photothermal/dynamic therapy and chemotherapy. New Journal of Chemistry, 2020, 44, 3593-3603.	2.8	12
80	From government to market? A discrete choice analysis of policy instruments for electric vehicle adoption. Transportation Research, Part A: Policy and Practice, 2022, 160, 143-159.	4.2	12
81	Microfluidic Synthesis and Angiogenic Activity of Ginsenoside Rg <sub>1</sub> -Loaded PPF Microspheres. ACS Biomaterials Science and Engineering, 2016, 2, 1872-1882.	5.2	11
82	Quantitative trait locus mapping for panicle exsertion length in common wheat using two related recombinant inbred line populations. Euphytica, 2019, 215, 1.	1.2	11
83	Identification of IncRNAs involved in wheat tillering development in two pairs of near-isogenic lines. Functional and Integrative Genomics, 2020, 20, 669-679.	3.5	11
84	Complex pulsating dynamics of counter-propagating solitons in a bidirectional ultrafast fiber laser. Optics Express, 2020, 28, 28209.	3.4	11
85	Photoinduced Synthesis of Methylated Marine Cyclopeptide Galaxamide Analogs with Isoindolinone as Anticancer Agents. Marine Drugs, 2022, 20, 379.	4.6	11
86	Novel Isoindolinone-Based Analogs of the Natural Cyclic Peptide Fenestin A: Synthesis and Antitumor Activity. ACS Medicinal Chemistry Letters, 2022, 13, 1118-1124.	2.8	11
87	Tracking Drug Loading Capacities of Calcium Silicate Hydrate Carrier: A Comparative X-ray Absorption Near Edge Structures Study. Journal of Physical Chemistry B, 2015, 119, 10052-10059.	2.6	10
88	Efficacy and safety of hydroxychloroquine in osteoarthritis: a systematic review and meta-analysis of randomized controlled trials. Korean Journal of Internal Medicine, 2021, , .	1.7	10
89	Facile synthesis of a highly water-soluble graphene conjugated chlorophyll-a photosensitizer composite for improved photodynamic therapy in vitro. New Journal of Chemistry, 2017, 41, 10069-10082.	2.8	9
90	Self-image motives for electric vehicle adoption: Evidence from China. Transportation Research, Part D: Transport and Environment, 2022, 109, 103383.	6.8	9

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91	Tracking the transformations of mesoporous microspheres of calcium silicate hydrate at the nanoscale upon ibuprofen release: a XANES and STXM study. CrystEngComm, 2015, 17, 4117-4124.	2.6	8
92	A consumption system model integrating quality, satisfaction and behavioral intentions in online shopping. Information Technology and Management, 2016, 17, 165-177.	2.4	8
93	Maglev Train Signal Processing Architecture Based on Nonlinear Discrete Tracking Differentiator. Sensors, 2018, 18, 1697.	3.8	8
94	Detailed structural study of cyclic anticancer drug Lorlatinib: spectroscopic and stereostructure investigation (IR, ECD and NMR) using density functional theory approach. Journal of Molecular Structure, 2021, 1225, 129295.	3.6	8
95	Design, Synthesis, Configuration Research, and <i>In Vitro</i> Antituberculosis Activities of two Chiral Naphthylamine Substituted Analogs of Bedaquiline. Journal of Heterocyclic Chemistry, 2017, 54, 1024-1030.	2.6	7
96	The anti-cancer potency of photodynamic therapy of a novel chlorin derivative Amidochlorin p6 (ACP). RSC Advances, 2017, 7, 40873-40880.	3.6	7
97	Photo-induced synthesis of Axinastatin 3 analogs, the secondary structures and their in vitro antitumor activities. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126730.	2.2	7
98	Fault Detection for Non-Gaussian Processes Using Multiple Canonical Correlation Analysis Models and Box-Cox Transformation. IEEE Access, 2019, 7, 68707-68717.	4.2	7
99	Photo-induced synthesis, structure and <i>in vitro</i> bioactivity of a natural cyclic peptide Yunnanin A analog. RSC Advances, 2020, 10, 210-214.	3.6	7
100	Strain and ligand effects in Pt-Ni alloys studied by valence-to-core X-ray emission spectroscopy. Scientific Reports, 2021, 11, 13698.	3.3	7
101	Photo-induced synthesis and in vitro biological activity of a Sansalvamide A analog. Tetrahedron Letters, 2017, 58, 1669-1672.	1.4	6
102	Photo-induced synthesis and <i>in vitro</i> antitumor activity of Fenestin A analogs. New Journal of Chemistry, 2017, 41, 14044-14048.	2.8	6
103	Photo-induced synthesis of chiral galaxamide analogs and the biological activities against human tumor cells. New Journal of Chemistry, 2018, 42, 19779-19784.	2.8	6
104	High Energy Resolution Fluorescence Detection of the Pt L <sub>3,2</sub> -Edge Whitelines of Pt-Based Bimetallic Systems: Implications for the Pt 5d <sub>5/2,3/2</sub> Density of States. Journal of Physical Chemistry C, 2021, 125, 2327-2333.	3.1	6
105	Photoinduced synthesis and antitumor activity of a phakellistatin 18 analog with an isoindolinone fragment. New Journal of Chemistry, 2020, 44, 19174-19178.	2.8	5
106	Improving business processes or human resources? The performance implications and contingencies. Industrial Management and Data Systems, 2021, 121, 1577-1598.	3.7	5
107	The impact of political ties on firm innovativeness: Testing a mediation and moderation model. Journal of Business Research, 2022, 144, 523-534.	10.2	5
108	Impacts of R&D investment on absorptive capacity and firm innovativeness: contingent roles ofAdysfunctional competition. International Journal of Operations and Production Management, 2022, 42, 1630-1652.	5.9	5

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109	Design, Preparation of 3â€Hydroxy Isoindolinone Cyclotripeptides, and the <i>In Vitro</i> Antitumor Activities Against Cervical Carcinoma <scp>HeLa</scp> Cells. Journal of Heterocyclic Chemistry, 2018, 55, 1205-1218.	2.6	4
110	An actively Q-switched fiber laser with cylindrical vector beam generation. Laser Physics Letters, 2018, 15, 035107.	1.4	4
111	Fault tolerant control for joint structure in PEMS high speed maglev train. Asian Journal of Control, 2021, 23, 486-498.	3.0	4
112	The photodynamic therapy activity of 3-(1-hydroxylethyl)-3-devinyl-13 <sup>1</sup> -(dicyanomethylene) pyropheophorbide-a methyl ester (HDCPPa) against HeLa cell <i>in vitro</i> . Journal of Porphyrins and Phthalocyanines, 2017, 21, 589-598.	0.8	3
113	Bioequivalence and Pharmacokinetic Evaluation of Two Oral Formulations of Regorafenib: An Open-Label, Randomised, Single-Dose, Two-Period, Two-Way Crossover Clinical Trial in Healthy Chinese Volunteers Under Fasting and Fed Conditions. Drug Design, Development and Therapy, 2021, Volume 15, 3277-3288.	4.3	3
114	TiO <sub>2</sub> Nanotubes: Morphology, Size, Crystallinity, and Phase-Dependent Properties from Synchrotron-Spectroscopy Studies. Journal of Physical Chemistry C, 2022, 126, 3265-3275.	3.1	3
115	Preparation, Characterization, and Spectral Property Studies on Methotrexate Conjugated Multifunctional Fe3O4-Pyropheophorbide-a Fluorescence Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 4461-4470.	0.9	2
116	Investigation of amorphous to crystalline phase transition of sodium titanate by X-ray absorption spectroscopy and scanning transmission X-ray microscopy. Canadian Journal of Chemistry, 2017, 95, 1163-1169.	1.1	2
117	Visualization of the secondary phase in LiFePO4 ingots with advanced mapping techniques. Canadian Journal of Chemical Engineering, 2019, 97, 2218-2223.	1.7	2
118	A Discrete Nonlinear Tracking-Differentiator and Its Application in Vibration Suppression of Maglev System. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	2
119	Self-Focusing Property of Partially Coherent Beam With Non-Uniform Correlation Structure in Non-Linear Media. Frontiers in Physics, 2022, 9, .	2.1	2
120	Large-scale hollow nanoparticle identification by X-ray absorption spectroscopy. Canadian Journal of Chemistry, 2017, 95, 1151-1155.	1.1	1
121	Data Driven State Monitoring of Maglev System With Experimental Analysis. IEEE Access, 2020, 8, 79104-79113.	4.2	1
122	A novel design of electromagnetic levitation system for high-speed maglev train. Transportation Systems and Technology, 2018, 4, 212-224.	0.4	1
123	Mapping the evolution of entrepreneurial research themes in China: A combination analysis of co-word and critical event. Asia Pacific Journal of Management, 0, , 1.	4.5	1
124	Buildup of incoherent laser pulses resolved by real-time spectral imaging. , 2018, , .		0
125	Efficient synthesis of bisulfide-bridged bicyclopeptides by intramolecular photoinduced electron transfer cycloreaction. New Journal of Chemistry, 2022, 46, 6366-6370.	2.8	0