

Rui Liu

List of Publications by Year in descending order

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147
papers

3,231
citations

147786

31
h-index

206102

48
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149
all docs

149
docs citations

149
times ranked

3786
citing authors

#	ARTICLE	IF	CITATIONS
1	An Intracellular H ₂ O ₂ -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3123-3127.	13.8	197
2	An AIE-active boron-difluoride complex: multi-stimuli-responsive fluorescence and application in data security protection. <i>Chemical Communications</i> , 2014, 50, 12951-12954.	4.1	183
3	A bioprobe based on aggregation induced emission (AIE) for cell membrane tracking. <i>Chemical Communications</i> , 2013, 49, 11335.	4.1	122
4	A Multifunctional Peptide-Conjugated AIEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5049-5053.	13.8	119
5	Binuclear Cyclometalated Platinum(II) 4,6-Diphenyl-2,2'-bipyridine Complexes: Interesting Photoluminescent and Optical Limiting Materials. <i>Chemistry of Materials</i> , 2006, 18, 2602-2610.	6.7	99
6	A flavone-based ESIPT fluorescent sensor for detection of N ₂ H ₄ in aqueous solution and gas state and its imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 141-149.	7.8	78
7	A Deep-Blue Emitter with Electron Transporting Property to Improve Charge Balance for Organic Light-Emitting Device. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2877-2880.	8.0	60
8	Effects of Extended π -Conjugation in Phenanthroline (N ⁺ N) and Phenylpyridine (C ⁺ N) Ligands on the Photophysics and Reverse Saturable Absorption of Cationic Heteroleptic Iridium(III) Complexes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6372-6384.	3.1	58
9	An Optically Driven Bistable Janus Rotor with Patterned Metal Coatings. <i>ACS Nano</i> , 2015, 9, 10844-10851.	14.6	57
10	Structures of Local Rearrangements in Soft Colloidal Glasses. <i>Physical Review Letters</i> , 2016, 116, 238003.	7.8	54
11	AIE-active Ir(III) complexes with tunable emissions, mechanoluminescence and their application for data security protection. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2553-2559.	5.5	54
12	Synergistically Enhanced Optical Limiting Property of Graphene Oxide Hybrid Materials Functionalized with Pt Complexes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33029-33040.	8.0	54
13	Nonlinear Absorbing Cationic Iridium(III) Complexes Bearing Benzothiazolylfluorene Motif on the Bipyridine (N ⁺ N) Ligand: Synthesis, Photophysics and Reverse Saturable Absorption. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6556-6570.	8.0	50
14	Synthesis, insecticidal activity, and structure-activity relationship (SAR) of anthranilic diamides analogs containing oxadiazole rings. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3979.	2.8	47
15	A β -shaped cyanostilbene derivative: multi-stimuli responsive fluorescence sensors, rewritable information storage and colour converter for w-LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9269-9276.	5.5	47
16	Deep Downregulation of PD-L1 by Caged Peptide-Conjugated AIEgen/miR-140 Nanoparticles for Enhanced Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	44
17	Controlled Synthesis of 1,3,5-Oxadiazin-2-ones and Oxazolones through Regioselective Iodocyclization of Yamides. <i>Organic Letters</i> , 2015, 17, 2510-2513.	4.6	43
18	Photophysics and Nonlinear Absorption of Cyclometalated 4,6-Diphenyl-2,2'-bipyridyl Platinum(II) Complexes with Different Acetylde Ligands. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12639-12645.	2.5	42

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19	AIPE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11781-11789.	5.5	41
20	Synthesis, photophysical and electrochemical properties of aza-boron-diquinomethene complexes. <i>Dyes and Pigments</i> , 2013, 99, 240-249.	3.7	40
21	Influence of Different Diimine (N ²) Ligands on the Photophysics and Reverse Saturable Absorption of Heteroleptic Cationic Iridium(III) Complexes Bearing Cyclometalating 2-[3-[7-(Benzothiazol-2-yl)fluoren-2-yl]phenyl]pyridine (C ²) Ligands. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23233-23246.	3.1	40
22	DMF-Catalyzed Direct and Regioselective C-H Functionalization: Electrophilic/Nucleophilic 4-Halogenation of 3-Oxypyridazoles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5323-5330.	2.4	38
23	Synthesis and optical properties of a series of thermally stable diphenylanthrazolines. <i>Dyes and Pigments</i> , 2009, 81, 218-223.	3.7	37
24	Tuning Photophysical Properties and Improving Nonlinear Absorption of Pt(II) Diimine Complexes with Extended π -Conjugation in the Acetylide Ligands. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1907-1917.	2.5	37
25	Palladium-Catalyzed Intramolecular Cyclization of Ynamides: Synthesis of 4-Halo-oxazolones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3480-3487.	3.2	36
26	Star-shaped D-A compounds with a 1,3,5-triazine core and N-aryl chromophore substituted fluorene arms: Synthesis, aggregation induced emission and two-photon absorption. <i>Dyes and Pigments</i> , 2017, 137, 174-181.	3.7	36
27	Enhanced catalytic activity of MnCo-MOF-74 for highly selective aerobic oxidation of substituted toluene. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1923-1932.	6.0	36
28	Long-lived platinum(ii) diimine complexes with broadband excited-state absorption: efficient nonlinear absorbing materials. <i>Dalton Transactions</i> , 2012, 41, 12353.	3.3	34
29	Nonlinear Absorbing Platinum(II) Diimine Complexes: Synthesis, Photophysics, and Reverse Saturable Absorption. <i>Chemistry - A European Journal</i> , 2012, 18, 11440-11448.	3.3	34
30	Synthesis, photophysics and reverse saturable absorption of bipyridyl platinum(ii) bis(arylfluorenylacetylide) complexes. <i>Dalton Transactions</i> , 2013, 42, 4398.	3.3	34
31	Long-Lived π -Shape Platinum(II) Diimine Complexes Bearing 7-Benzothiazolylfluoren-2-yl Motif on the Bipyridine and Acetylide Ligands: Admixing π , π^* and Charge-Transfer Configurations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5908-5918.	3.1	33
32	Extending the Bandwidth of Reverse Saturable Absorption in Platinum Complexes Using Two-Photon-Initiated Excited-State Absorption. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 565-572.	8.0	32
33	A Multifunctional Peptide-Conjugated AIPEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie</i> , 2019, 131, 5103-5107.	2.0	31
34	AIPE-active Pt(II) complexes with a tunable triplet excited state: design, mechanochromism and application in anti-counterfeiting. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4677-4686.	6.0	31
35	An AIPE-active heteroleptic Ir(III) complex for latent fingerprints detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 840-846.	7.8	30
36	1,3,5-Triazine-Based Pt(II) Metallogel Material: Synthesis, Photophysical Properties, and Optical Power-Limiting Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15685-15692.	3.1	30

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37	Enzyme and AIEgens Modulated Solid-State Nanochannels: In Situ and Noninvasive Monitoring of H ₂ O Released from Living Cells. <i>Small Methods</i> , 2020, 4, 1900432.	8.6	29
38	Synthesis, Structural Characterization, Photophysics, and Broadband Nonlinear Absorption of a Platinum(II) Complex with the 6-(7-Benzothiazol-2-yl)-9,9-diethyl-9H-fluorene-2-yl)pyridine Chemistry - A European Journal, 2012, 18, 4593-4606.	3.2	28
39	Topologically Protected Transport of Cargo in a Chiral Active Fluid Aided by Odd-Viscosity-Enhanced Depletion Interactions. <i>Physical Review Letters</i> , 2021, 126, 198001.	7.8	28
40	Pt(II) diimine complexes bearing difluoro-boron-dipyrromethene acetylide ligands: Synthesis, photophysics, aggregation included emission and optical power limiting properties. <i>Dyes and Pigments</i> , 2017, 147, 291-299.	3.7	27
41	Pt(II) diimine complexes bearing carbazolyl-capped acetylide ligands: synthesis, tunable photophysics and nonlinear absorption. <i>Dalton Transactions</i> , 2013, 42, 160-171.	3.3	25
42	Regioselective iodoamination of terminal ynamides for the synthesis of $\hat{1}$ -amino- $\hat{1}$, $\hat{1}$ -diiodo-enamides. <i>Chemical Communications</i> , 2016, 52, 4321-4324.	4.1	24
43	Regio- and Stereoselective Hydrophosphorylation of Ynamides for the Synthesis of $\hat{1}$ -Aminovinylphosphine Oxides. <i>Organic Letters</i> , 2018, 20, 2778-2781.	4.6	24
44	Aggregation-induced-emission-active vinamidinium salts with tunable emissions, reversible mechanochromic response and the application in data-security protection. <i>Dyes and Pigments</i> , 2018, 153, 84-91.	3.7	24
45	Synthesis, Crystal Structure and Fungicidal Activities of New Type Oxazolidinone-Based Strobilurin Analogues. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3341-3347.	1.9	23
46	Synthesis and photophysics of reverse saturable absorbing heteroleptic iridium(III) complexes bearing 2-(7-R-fluorene-2-yl)pyridine ligands. <i>Dalton Transactions</i> , 2014, 43, 1724-1735.	3.3	23
47	Synthesis, Crystal Structure, and Fungicidal Activity of Novel 1,5-Diaryl-1H-pyrazol-3-Oxy Derivatives Containing Oxyacetic Acid or Oxy(2-thioxothiazolidin-3-yl)ethanone Moieties. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 1370-1375.	2.6	22
48	Knowledge-transfer analysis based on co-citation clustering. <i>Scientometrics</i> , 2013, 97, 859-869.	3.0	21
49	Pt(II) Bipyridyl Complexes Bearing Substituted Fluorenyl Motif on the Bipyridyl and Acetylide Ligands: Synthesis, Photophysics, and Reverse Saturable Absorption. <i>Inorganic Chemistry</i> , 2014, 53, 9516-9530.	4.0	21
50	Synthesis, insecticidal activity, structure-activity relationship (SAR) and density functional theory (DFT) of novel anthranilic diamides analogs containing 1,3,4-oxadiazole rings. <i>RSC Advances</i> , 2014, 4, 55445-55451.	3.6	20
51	Aza-boron-diquinomethene complexes bearing N-aryl chromophores: synthesis, crystal structures, tunable photophysics, the protonation effect and their application as pH sensors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3774-3782.	5.5	20
52	Generation of Oxazolidinone-2,4-diones Bearing Sulfur-Substituted Quaternary Carbon Atoms by Oxothiolation/Cyclization of Ynamides. <i>Chemistry - A European Journal</i> , 2016, 22, 2532-2538.	3.3	19
53	Formation of $\hat{1}$ -chalcogenyl acrylamides through unprecedented chalcogen-mediated metal-free oxyfunctionalization of ynamides with DMSO as an oxidant. <i>Chemical Communications</i> , 2016, 52, 5605-5608.	4.1	19
54	Iron(II) phthalocyanine immobilized SBA-15 catalysts: Preparation, characterization and application for toluene selective aerobic oxidation. <i>Inorganica Chimica Acta</i> , 2017, 467, 307-315.	2.4	19

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55	An Intracellular H ₂ O ₂ -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie</i> , 2018, 130, 3177-3181.	2.0	19
56	Manipulating the hydrophobicity of DNA as a universal strategy for visual biosensing. <i>Nature Protocols</i> , 2020, 15, 316-337.	12.0	19
57	Controllable synthesis of Co-MOF-74 catalysts and their application in catalytic oxidation of toluene. <i>Journal of Solid State Chemistry</i> , 2020, 289, 121497.	2.9	19
58	Continuous three-phase 2-butanone ammoximation process via spray forming TS-1 microspheres in a highly efficient jet loop reactor. <i>Chemical Engineering Journal</i> , 2017, 325, 169-175.	12.7	18
59	Synthesis, luminescence and excited state absorption properties of conjugated D- π -A and D- π -D phenothiazine compounds. <i>Journal of Luminescence</i> , 2019, 205, 158-166.	3.1	18
60	Fluorenone-based organogel and self-assembled fibrous film: Synthesis, optical properties and reversible detection of aniline vapor. <i>Dyes and Pigments</i> , 2019, 162, 52-58.	3.7	18
61	Lewis-Acid-Catalyzed Asymmetric Alkynylation of Alkynyl 1,2-Diketones: Controllable Formation of 3(2 <i>H</i>)-Furanones and \pm -Hydroxy Ketones. <i>Organic Letters</i> , 2020, 22, 6948-6953.	4.6	18
62	The synthesis, crystal structures and photophysical properties of a series of novel 4,6-diphenyl-1,9-anthrazolines. <i>Dyes and Pigments</i> , 2011, 91, 89-97.	3.7	17
63	A highly efficient and selective probe for F ⁻ detection based on 1H-imidazo[4,5-b]phenazine derivative. <i>Chinese Chemical Letters</i> , 2015, 26, 339-342.	9.0	17
64	Excited-state absorption of mono-, di- and tri-nuclear cyclometalated platinum 4,6-diphenyl-2,2'-bipyridyl complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3688-3691.	1.8	16
65	Highly efficient and selective probes based on polycyclic aromatic hydrocarbons with trimethylsilylethynyl groups for fluoride anion detection. <i>Tetrahedron</i> , 2015, 71, 3838-3843.	1.9	16
66	van der Waals-like phase-separation instability of a driven granular gas in three dimensions. <i>Physical Review E</i> , 2007, 75, 061304.	2.1	15
67	Oscillatory phenomena of compartmentalized bidisperse granular gases. <i>Physical Review E</i> , 2009, 79, 052301.	2.1	15
68	A highly efficient, ligand-free and recyclable SBA-15 supported Cu ₂ O catalyzed cyanation of aryl iodides with potassium hexacyanoferrate(II). <i>RSC Advances</i> , 2014, 4, 37773-37778.	3.6	15
69	High efficiency green phosphorescent OLEDs using double-host materials. <i>Dyes and Pigments</i> , 2017, 143, 196-202.	3.7	15
70	Regioselectivity-Switchable Catalytic Annulations of Alkynyl \pm -Diketones and \pm -Cyanoketones. <i>Organic Letters</i> , 2019, 21, 10075-10080.	4.6	15
71	Smart inks based on AIE-active heteroleptic Ir(III) complexes. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 385-392.	7.8	15
72	Core-shell Co-MOF-74@Mn-MOF-74 catalysts with Controllable shell thickness and their enhanced catalytic activity for toluene oxidation. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121803.	2.9	15

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73	Nitrogen and sulphur co-doped carbon quantum dots and their optical power limiting properties. <i>Materials Advances</i> , 2020, 1, 3176-3181.	5.4	15
74	The photo- and electrochemical properties and electronic structures of conjugated diphenylanthrazolines. <i>Dyes and Pigments</i> , 2010, 85, 51-56.	3.7	14
75	Synthesis and luminescent properties of star-burst D- π -A compounds based on 1,3,5-triazine core and carbazole end-capped phenylene ethynylene arms. <i>Journal of Luminescence</i> , 2014, 156, 130-136.	3.1	14
76	Aggregation-induced phosphorescent emission-active Ir(III) complexes with a long lifetime for specific mitochondrial imaging and tracking. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2467-2474.	5.5	14
77	The synthesis, crystal structure and photophysical properties of mononuclear platinum(II) 6-phenyl-[2,2'-bipyridinyl acetylide complexes. <i>Dyes and Pigments</i> , 2011, 88, 88-94.	3.7	13
78	The synthesis, photophysical and electrochemical properties of a series of novel 3,8,13-substituted triindole derivatives. <i>Dyes and Pigments</i> , 2012, 95, 679-688.	3.7	13
79	Long-lifetime reverse saturable absorption in a bipyridyl platinum(II) complex bearing naphthalimidylethynyl-substituted fluorenylacetylide ligands. <i>Optical Materials</i> , 2015, 39, 195-198.	3.6	13
80	Chemically driven fluid transport in long microchannels. <i>Journal of Chemical Physics</i> , 2016, 145, 124119.	3.0	13
81	Photocatalytic degradation of methylene blue solution by diphenylanthrazoline compounds. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3712.	1.9	13
82	Catalytic Annulation of Alkynyl 1,2-Diketone Leading to Hydroxy Spirocyclopenteneindenedione: An Organic Dye with Strong Crystallization-Induced Emission and Data Storage Application. <i>Organic Letters</i> , 2020, 22, 2381-2385.	4.6	13
83	N ¹ , N ¹ , N ³ , N ³ -tetra([1,1'-biphenyl]-4-yl)-N ⁵ , N ⁵ -diphenylbenzene-1,3,5-triamine: Synthesis, optical properties and application in OLED devices as efficient hole transporting material. <i>Dyes and Pigments</i> , 2015, 122, 59-65.	3.7	12
84	Tunable-emission and AIPE-active heteroleptic Ir(III) complexes for fingerprint detection via a spraying technique. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10910-10915.	5.5	12
85	Synthesis and luminescent properties of carbazole end-capped phenylene ethynylene compounds. <i>Journal of Luminescence</i> , 2012, 132, 191-197.	3.1	11
86	Influence of a Naphthalidiimide Substituent at the Diimine Ligand on the Photophysics and Reverse Saturable Absorption of Pt(II) Diimine Complexes and Cationic Ir(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5241-5253.	2.0	11
87	Highly efficient and selective red-emitting Ca ²⁺ probe based on a BODIPY fluorophore. <i>Tetrahedron</i> , 2017, 73, 5091-5095.	1.9	11
88	Green synthesis of low-carbon chain nitroalkanes via a novel tandem reaction of ketones catalyzed by TS-1. <i>Catalysis Communications</i> , 2018, 108, 46-50.	3.3	11
89	Oscillatory clusterings in compartmentalized granular systems. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2739-2749.	1.8	10
90	Synthesis, crystal structures and photophysical properties of novel copper(I) complexes with 4-diphenylphosphino-1,5-naphthyridine ligands. <i>Inorganic Chemistry Communication</i> , 2012, 17, 116-119.	3.9	10

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91	Synthesis, tunable photophysics and nonlinear absorption of terpyridyl Pt(II) complexes bearing different acetylide ligands. <i>Dyes and Pigments</i> , 2016, 126, 165-172.	3.7	10
92	SiO ₂ encapsulated nanofluorophor: Photophysical properties, aggregation induced emission and its application for cell mitochondria imaging. <i>Dyes and Pigments</i> , 2017, 139, 110-117.	3.7	10
93	The effects of extended π -conjugation in bipyridyl ligands on the tunable photophysics, triplet excited state and optical limiting properties of Pt(κ -N,N'-diimine) naphthalimidyl acetylide complexes. <i>Dalton Transactions</i> , 2019, 48, 15105-15113.	3.3	10
94	Kinetic resolution of 2,2-disubstituted-1,3-diketones <i>via</i> carbene catalysis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 290-298.	4.5	10
95	Cyclometalated Pt(II) complexes with tetradentate Schiff base ligands: Synthesis, photophysics, electrochemical studies and optical power limiting performance. <i>Dyes and Pigments</i> , 2020, 182, 108591.	3.7	10
96	Phenylene ethynylene azobenzenes with symmetrical peripheral chromophores: Synthesis, optical properties and photoisomerization behaviors study. <i>Dyes and Pigments</i> , 2012, 92, 626-632.	3.7	9
97	Synthesis and photophysical studies of back-to-back dinuclear platinum terpyridine complexes with different substituents on the bridging ligand. <i>Inorganica Chimica Acta</i> , 2012, 387, 383-389.	2.4	9
98	Frequency response of giant electrorheological fluids in AC electric field. <i>RSC Advances</i> , 2014, 4, 61968-61974.	3.6	9
99	Synthesis, Luminescent Properties of aza-Boron-Diquinomethene Difluoride Complexes and Their Application for Fluorescent Security Inks. <i>Journal of Fluorescence</i> , 2016, 26, 407-412.	2.5	8
100	Iron(II) and copper(II) phthalocyanine-catalyzed synthesis of 2-nitro-4-methylsulfonylbenzoic acid under mild conditions. <i>Journal of Chemical Sciences</i> , 2017, 129, 1587-1594.	1.5	8
101	Universal Scaling Law for Colloidal Diffusion in Complex Media. <i>Physical Review Letters</i> , 2019, 122, 178002.	7.8	8
102	Ligand-Mediated Photophysics Adjustability in Bis-tridentate Ir(III) Complexes and Their Application in Efficient Optical Limiting Materials. <i>Inorganic Chemistry</i> , 2021, 60, 12835-12846.	4.0	8
103	Heteroleptic Ir(κ -N,N'-diimine) complexes with varied π -conjugated diimine ligands: synthesis, tunable triplet states and nonlinear absorption properties. <i>Dalton Transactions</i> , 2020, 49, 7945-7951.	3.3	8
104	A new blue light-emitting terphenyl-bridged bisbenzimidazolium salts: Synthesis, crystal structure, and photophysical properties. <i>Dyes and Pigments</i> , 2012, 92, 596-602.	3.7	7
105	Synthesis, structural characterization, opto-electrical properties of Ir(III) complexes with imidazolium-based carbene ligands. <i>Inorganic Chemistry Communication</i> , 2016, 74, 26-30.	3.9	7
106	Pd/Cu-Catalyzed tandem head-to-tail dimerization/cycloisomerization of terminal ynamides for the synthesis of 5-vinyloxazolones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2923-2930.	2.8	7
107	Selective swelling blends of block copolymers for nanoporous membranes with enhanced permeability and robustness. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1617-1625.	2.1	7
108	Visual detection of the prostate specific antigen via a sandwich immunoassay and by using a superwetttable chip coated with pH-responsive silica nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 550.	5.0	7

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109	Synthesis and photophysical properties of a series of thermally stable terphenyl-bridged bisbenzimidazoles. <i>Dyes and Pigments</i> , 2011, 88, 274-279.	3.7	6
110	Flux measurement in compartmentalized mono-disperse and bi-disperse granular gases. <i>Granular Matter</i> , 2012, 14, 137-143.	2.2	6
111	Synthesis, Aggregation Induced Emission and Mechanochromic Luminescence of New β^2 -Diketone Derivatives Bearing Tetraphenylene Moieties. <i>Journal of Fluorescence</i> , 2016, 26, 2005-2013.	2.5	6
112	Enhancement of catalytic activity by homo-dispersing $\text{S}_2\text{O}_8^{2-}$ - Fe_2O_3 nanoparticles on SBA-15 through ultrasonic adsorption. <i>Chinese Journal of Catalysis</i> , 2018, 39, 955-963.	14.0	6
113	Synthesis, characterization and optical properties of novel Ir(III) complexes bearing N-heterocycle substituents. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 363-367.	1.8	6
114	1,2,4-oxadiazole ring-containing pyridylpyrazole-carboxamides: Synthesis and evaluation as novel insecticides of the anthranilic diamide family. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 1981-1992.	2.6	6
115	Benzo-thiazole derivatives with varied π -conjugation: synthesis, tunable solid-state emission, and application in single-component LEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6392-6401.	5.5	6
116	Photophysics and nonlinear absorption of 4,4'-diethynylazobenzene derivatives terminally capped with substituted aromatic rings. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 239, 47-54.	3.9	5
117	Synthesis, insecticidal activities, and structure-activity relationships of 1,3,4-oxadiazole ring-containing pyridylpyrazole-carboxamides as novel insecticides of the anthranilic diamide family. <i>Journal of Heterocyclic Chemistry</i> , 0, , .	2.6	5
118	Synthesis, optical properties and crystal structures of carbazole end-capped phenylene ethynylene blue light-emitting materials. <i>Journal of Luminescence</i> , 2010, 130, 1183-1188.	3.1	4
119	A new and efficient synthetic method for the herbicide carfentrazone-ethyl based on the Heck reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 5797-5808.	2.7	4
120	Synthesis, crystal structure and luminescent properties of p-diphenylsulphone compounds with different substituents. <i>Optical Materials</i> , 2018, 86, 449-454.	3.6	4
121	AIPE-Active Ir(III) complexes with tuneable photophysical properties and application in mitochondria-targeted dual-mode photodynamic therapy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120690.	3.9	4
122	Re-FeMAT: A Reconfigurable Multifunctional FeFET-Based Memory Architecture. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2022, 41, 5071-5084.	2.7	4
123	$\text{Ti}(\text{O}^i\text{Pr})_4$ -Facilitated Formal Deoxygenative Annulation of Alkynyl 1,2-Diketones for the Synthesis of Highly Functionalized Furans. <i>Organic Letters</i> , 2021, 23, 1504-1509.	4.6	3
124	Morphology and size controlled synthesis of metal-organic framework crystals for catalytic oxidation of toluene. <i>Solid State Sciences</i> , 2022, 123, 106798.	3.2	3
125	Synthesis, optical properties and self-assembly of phenylene ethynylene dimers with alkyl side chains. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 355, 83-87.	4.7	2
126	Synthesis and photophysical properties of cyclometalated 4-phenyl-2,2',6',2''-terpyridyl Pt(II) chloride complexes with different aryl substituents. <i>Inorganic Chemistry Communication</i> , 2017, 80, 65-68.	3.9	2

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127	AIPE-active Ir(III) complexes with reversible piezochromic behavior and its application for data security protection. <i>Journal of Organometallic Chemistry</i> , 2020, 930, 121595.	1.8	2
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