

Zhao Yuan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

2,598
citations

22
h-index

36
g-index

36
ext. papers

2,966
ext. citations

6.3
avg, IF

5
L-index

#	Paper	IF	Citations
35	One-dimensional organic lead halide perovskites with efficient bluish white-light emission. <i>Nature Communications</i> , 2017 , 8, 14051	17.4	464
34	Bright Light-Emitting Diodes Based on Organometal Halide Perovskite Nanoplatelets. <i>Advanced Materials</i> , 2016 , 28, 305-11	24	405
33	Luminescent zero-dimensional organic metal halide hybrids with near-unity quantum efficiency. <i>Chemical Science</i> , 2018 , 9, 586-593	9.4	311
32	Low-Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9018-9022	16.4	170
31	Highly luminescent nanoscale quasi-2D layered lead bromide perovskites with tunable emissions. <i>Chemical Communications</i> , 2016 , 52, 3887-90	5.8	142
30	Highly Efficient Broadband Yellow Phosphor Based on Zero-Dimensional Tin Mixed-Halide Perovskite. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44579-44583	9.5	125
29	A facile one-pot synthesis of deep blue luminescent lead bromide perovskite microdisks. <i>Chemical Communications</i> , 2015 , 51, 16385-8	5.8	116
28	A phosphorescent molecular "butterfly" that undergoes a photoinduced structural change allowing temperature sensing and white emission. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10908-12	16.4	112
27	Two-Dimensional Metal Halide Perovskites: Theory, Synthesis, and Optoelectronics. <i>Small Methods</i> , 2017 , 1, 1600018	12.8	95
26	Zn(II)-coordination modulated ligand photophysical processes - the development of fluorescent indicators for imaging biological Zn(II) ions. <i>RSC Advances</i> , 2014 , 4, 20398-20440	3.7	91
25	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9591-5	16.4	64
24	Chemoselective sequential "click" ligation using unsymmetrical bisazides. <i>Organic Letters</i> , 2012 , 14, 2590-3	6.3	55
23	A Microscale Perovskite as Single Component Broadband Phosphor for Downconversion White-Light-Emitting Devices. <i>Advanced Optical Materials</i> , 2016 , 4, 2009-2015	8.1	50
22	A fluorescent indicator for imaging lysosomal zinc(II) with Förster resonance energy transfer (FRET)-enhanced photostability and a narrow band of emission. <i>Chemistry - A European Journal</i> , 2015 , 21, 867-74	4.8	44
21	5-Arylvinyl-2,2'-bipyridyls: Bright "push-pull" dyes as components in fluorescent indicators for zinc ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 311, 1-15	4.7	42
20	Low-Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. <i>Angewandte Chemie</i> , 2017 , 129, 9146-9150	3.6	36
19	A Phosphorescent Molecular Butterfly that undergoes a Photoinduced Structural Change allowing Temperature Sensing and White Emission. <i>Angewandte Chemie</i> , 2014 , 126, 11088-11092	3.6	26

18	Photoreactions in Amphiphilic Microreactors with "Soft" Cavities: Controlling Product Selectivity in Solution. <i>Current Organic Chemistry</i> , 2014 , 18, 2016-2036	1.7	26
17	Photosensitized oxidation of alkenes with dendrimers as microreactors: controllable selectivity between energy and electron transfer pathway. <i>New Journal of Chemistry</i> , 2010 , 34, 718	3.6	25
16	Phosphorescent Molecular Butterflies with Controlled Potential-Energy Surfaces and Their Application as Luminescent Viscosity Sensor. <i>Inorganic Chemistry</i> , 2016 , 55, 8564-9	5.1	25
15	Absorption and Emission Sensitivity of 2-(2'-Hydroxyphenyl)benzoxazole to Solvents and Impurities. <i>Photochemistry and Photobiology</i> , 2015 , 91, 586-98	3.6	22
14	Excitation-Dependent Multiple Fluorescence of a Substituted 2-(2'-Hydroxyphenyl)benzoxazole. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 9209-9223	2.8	22
13	Designation and Exploration of Halide-Anion Recognition Based on Cooperative Noncovalent Interactions Including Hydrogen Bonds and Anion- π Interactions. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 5842-52	2.8	21
12	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie</i> , 2015 , 127, 9727-9731	3.6	19
11	Anion Recognition Based on a Combination of Double-Dentate Hydrogen Bond and Double-Side Anion- π Noncovalent Interactions. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 892-900	2.8	17
10	Enhancing the Photostability of Arylvinylenebipyridyl Compounds as Fluorescent Indicators for Intracellular Zinc(II) Ions. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5600-10	4.2	16
9	Dual Role of Acetate in Copper(II) Acetate Catalyzed Dehydrogenation of Chelating Aromatic Secondary Amines: A Kinetic Case Study of Copper-Catalyzed Oxidation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3728-3743	2.3	12
8	Bis[N-alkyl-NN-di(2-pyridylmethyl)amine]zinc(II) perchlorates display cis-facial stereochemistry in solid state and solution. <i>Supramolecular Chemistry</i> , 2014 , 26, 214-222	1.8	12
7	Fluorine substitution effects of halide anion receptors based on the combination of a distinct hydrogen bond and anion- π noncovalent interactions: a theoretical investigation. <i>RSC Advances</i> , 2016 , 6, 14666-14677	3.7	9
6	Corannulene Fullerene C70 noncovalent interactions and their effect on the behavior of charge transport and optical property. <i>RSC Advances</i> , 2017 , 7, 27960-27968	3.7	7
5	Unsurpassed cage effect for the photolysis of dibenzyl ketones in water-soluble dendrimers. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6256-64	3.9	7
4	Theoretical exploration of pnictogen bond noncovalent interactions in HCHO \cdot PH ₂ X (X=CH ₃ , H, C ₆ H ₅ , F, Cl, Br, and NO ₂) complexes. <i>Journal of Chemical Sciences</i> , 2015 , 127, 1729-1738	1.8	5
3	Noncovalent interactions between O6-corona[6]arene nanorings and fullerenes C60 and C70: atypical ring ball-shaped host-guest systems. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3892	2.1	3
2	A Fluorescent Indicator for Imaging Lysosomal Zinc(II) with Förster Resonance Energy Transfer (FRET)-Enhanced Photostability and a Narrow Band of Emission. <i>Chemistry - A European Journal</i> , 2014 , 21, 4163	4.8	1
1	Titelbild: Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission (Angew. Chem. 33/2015). <i>Angewandte Chemie</i> , 2015 , 127, 9553-9553 ^{3,6}	3.6	1

