

# Zhao Yuan

## List of Publications by Year in Descending Order

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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	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> , <b>2019</b> , 32, e3892	2.1	3
34	Luminescent zero-dimensional organic metal halide hybrids with near-unity quantum efficiency. <i>Chemical Science</i> , <b>2018</b> , 9, 586-593	9.4	311
33	Excitation-Dependent Multiple Fluorescence of a Substituted 2-(2'-Hydroxyphenyl)benzoxazole. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 9209-9223	2.8	22
32	Anion Recognition Based on a Combination of Double-Dentate Hydrogen Bond and Double-Side Anion-Noncovalent Interactions. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 892-900	2.8	17
31	Two-Dimensional Metal Halide Perovskites: Theory, Synthesis, and Optoelectronics. <i>Small Methods</i> , <b>2017</b> , 1, 1600018	12.8	95
30	Low-Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9146-9150	3.6	36
29	Corannulene fullerene C70 noncovalent interactions and their effect on the behavior of charge transport and optical property. <i>RSC Advances</i> , <b>2017</b> , 7, 27960-27968	3.7	7
28	Low-Dimensional Organic Tin Bromide Perovskites and Their Photoinduced Structural Transformation. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9018-9022	16.4	170
27	One-dimensional organic lead halide perovskites with efficient bluish white-light emission. <i>Nature Communications</i> , <b>2017</b> , 8, 14051	17.4	464
26	Highly Efficient Broadband Yellow Phosphor Based on Zero-Dimensional Tin Mixed-Halide Perovskite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 44579-44583	9.5	125
25	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> , <b>2016</b> , 2016, 3728-3743	2.3	12
24	Highly luminescent nanoscale quasi-2D layered lead bromide perovskites with tunable emissions. <i>Chemical Communications</i> , <b>2016</b> , 52, 3887-90	5.8	142
23	Fluorine substitution effects of halide anion receptors based on the combination of a distinct hydrogen bond and anion-Noncovalent interactions: a theoretical investigation. <i>RSC Advances</i> , <b>2016</b> , 6, 14666-14677	3.7	9
22	Bright Light-Emitting Diodes Based on Organometal Halide Perovskite Nanoplatelets. <i>Advanced Materials</i> , <b>2016</b> , 28, 305-11	24	405
21	A Microscale Perovskite as Single Component Broadband Phosphor for Downconversion White-Light-Emitting Devices. <i>Advanced Optical Materials</i> , <b>2016</b> , 4, 2009-2015	8.1	50
20	Phosphorescent Molecular Butterflies with Controlled Potential-Energy Surfaces and Their Application as Luminescent Viscosity Sensor. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8564-9	5.1	25
19	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> , <b>2015</b> , 311, 1-15	4.7	42

18	Enhancing the Photostability of Arylvinylenebipyridyl Compounds as Fluorescent Indicators for Intracellular Zinc(II) Ions. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5600-10	4.2	16
17	Designation and Exploration of Halide-Anion Recognition Based on Cooperative Noncovalent Interactions Including Hydrogen Bonds and Anion- $\pi$ <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 5842-52	2.8	21
16	A facile one-pot synthesis of deep blue luminescent lead bromide perovskite microdisks. <i>Chemical Communications</i> , <b>2015</b> , 51, 16385-8	5.8	116
15	Absorption and Emission Sensitivity of 2-(2'-Hydroxyphenyl)benzoxazole to Solvents and Impurities. <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 586-98	3.6	22
14	A fluorescent indicator for imaging lysosomal zinc(II) with FRET resonance energy transfer (FRET)-enhanced photostability and a narrow band of emission. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 867-74	4.8	44
13	Titelbild: Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission ( <i>Angew. Chem.</i> 33/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9553-9553 <sup>3,6</sup>		
12	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9591-5	16.4	64
11	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9727-9731	3.6	19
10	Theoretical exploration of pnictogen bond noncovalent interactions in HCHO $\cdots$ PH <sub>2</sub> X (X=CH <sub>3</sub> , H, C <sub>6</sub> H <sub>5</sub> , F, Cl, Br, and NO <sub>2</sub> ) complexes. <i>Journal of Chemical Sciences</i> , <b>2015</b> , 127, 1729-1738	1.8	5
9	A phosphorescent molecular "butterfly" that undergoes a photoinduced structural change allowing temperature sensing and white emission. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 10908-12	16.4	112
8	Zn(II)-coordination modulated ligand photophysical processes - the development of fluorescent indicators for imaging biological Zn(II) ions. <i>RSC Advances</i> , <b>2014</b> , 4, 20398-20440	3.7	91
7	A Fluorescent Indicator for Imaging Lysosomal Zinc(II) with FRET Resonance Energy Transfer (FRET)-Enhanced Photostability and a Narrow Band of Emission. <i>Chemistry - A European Journal</i> , <b>2014</b> , 21, 4163	4.8	1
6	A Phosphorescent Molecular Butterfly that undergoes a Photoinduced Structural Change allowing Temperature Sensing and White Emission. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 11088-11092	3.6	26
5	Bis[N-alkyl-NN-di(2-pyridylmethyl)amine]zinc(II) perchlorates display cis-facial stereochemistry in solid state and solution. <i>Supramolecular Chemistry</i> , <b>2014</b> , 26, 214-222	1.8	12
4	Photoreactions in Amphiphilic Microreactors with "Soft" Cavities: Controlling Product Selectivity in Solution. <i>Current Organic Chemistry</i> , <b>2014</b> , 18, 2016-2036	1.7	26
3	Chemoselective sequential "click" ligation using unsymmetrical bisazides. <i>Organic Letters</i> , <b>2012</b> , 14, 2590-3	6.3	55
2	Unsurpassed cage effect for the photolysis of dibenzyl ketones in water-soluble dendrimers. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 6256-64	3.9	7
1	Photosensitized oxidation of alkenes with dendrimers as microreactors: controllable selectivity between energy and electron transfer pathway. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 718	3.6	25

