

# Jianyong Yuan

## List of Publications by Year in descending order

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16  
papers

475  
citations

1040056

9  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Spin Moment As a Catalytic Descriptor for Fe Single-Atom Catalysts Supported on C <sub>2</sub> N. <i>Journal of the American Chemical Society</i> , 2021, 143, 4405-4413.	13.7	138
2	Effect of an auxiliary acceptor on D-π-A sensitizers for highly efficient and stable dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12865-12877.	10.3	66
3	Insights into the Photobehavior of Fluorescent Oxazinone, Quinazoline, and Difluoroboron Derivatives: Molecular Design Based on the Structure-Property Relationships. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8091-8108.	3.1	54
4	C <sub>2</sub> N-supported single metal ion catalysts for HCOOH dehydrogenation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11105-11112.	10.3	40
5	Photoswitchable Boronic Acid Derived Salicylidenehydrazone Enabled by Photochromic Spirooxazine and Fulgide Moieties: Multiple Responses of Optical Absorption, Fluorescence Emission, and Quadratic Nonlinear Optics. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29838-29855.	3.1	38
6	Spirooxazine-Fulgide Biphotochromic Molecular Switches with Nonlinear Optical Responses across Four States. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14840-14853.	3.1	37
7	Enhanced Activity of C <sub>2</sub> N-Supported Single Co Atom Catalyst by Single Atom Promoter. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7009-7014.	4.6	35
8	Low-Pressure Selectivity, Stepwise Gas Sorption Behaviors, and Luminescent Properties (Experimental) Growth and Design, 2017, 17, 3965-3973.	3.0	29
9	Chitin nanocrystals reticulated self-assembled architecture reinforces deproteinized natural rubber latex film. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49173.	2.6	9
10	High first-hyperpolarizabilities of thioarbituric acid derivative-based donor-acceptor nonlinear optical chromophores: Multiple theoretical investigations of substituents and conjugated bridges effect. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26176.	2.0	7
11	Computational design of <i>p</i> -(dimethylamino)benzylidene-derived push-pull polyenes with high first-hyperpolarizabilities. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5090-5104.	2.8	7
12	The effects of exact exchange of density functionals on the evaluation of second hyperpolarizabilities of streptocyanines using sum-over-states method. <i>Computational and Theoretical Chemistry</i> , 2016, 1085, 40-45.	2.5	6
13	The effect of heteroatoms and end groups of polymethines on the all-optical switching processing application: a CC2 calculation. <i>Structural Chemistry</i> , 2016, 27, 1211-1220.	2.0	5
14	Design of single-molecular logical devices based on multistable photochromatic spirooxazine. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2017, 34, 837.	2.1	3
15	Effect of β-Cyclodextrin on the Preparation of Poly(methyl methacrylate-co-lauryl methacrylate) Nanoparticles and Their Latex Blending with Natural Rubber. <i>Polymer Science - Series B</i> , 2018, 60, 652-663.	0.8	1
16	Recognition of Melamine by Chromium Tricarbonyl (Thio)arbituric Acid Derivatives: Theoretical Insight into Multiple Hydrogen-Bond Modes. <i>ChemistrySelect</i> , 2018, 3, 2404-2415.	1.5	0