Jianyong Yuan

List of Publications by Year
in descending order

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16	475	1040056	996975
papers	citations	9	15
		h-index	g-index

17	17	17	679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic Spin Moment As a Catalytic Descriptor for Fe Single-Atom Catalysts Supported on C₂N. Journal of the American Chemical Society, 2021, 143, 4405-4413.	13.7	138
2	High firstâ€hyperpolarizabilities of thiobarbituric acid derivativeâ€based donorâ€Ïâ€acceptor nonlinear opticalâ€phores: Multiple theoretical investigations of substituents and conjugated bridges effect. International Journal of Quantum Chemistry, 2020, 120, e26176.	2.0	7
3	Chitin nanocrystals reticulated selfâ€assembled architecture reinforces deproteinized natural rubber latex film. Journal of Applied Polymer Science, 2020, 137, 49173.	2.6	9
4	Computational design of p-(dimethylamino)benzylidene-derived pushâ€“pull polyenes with high first-hyperpolarizabilities. Physical Chemistry Chemical Physics, 2020, 22, 5090-5104.	2.8	7
5	Photoswitchable Boronic Acid Derived Salicylidenehydrazone Enabled by Photochromic Spirooxazine and Fulgide Moieties: Multiple Responses of Optical Absorption, Fluorescence Emission, and Quadratic Nonlinear Optics. Journal of Physical Chemistry C, 2019, 123, 29838-29855.	3.1	38
6	Enhanced Activity of C₂N-Supported Single Co Atom Catalyst by Single Atom Promoter. Journal of Physical Chemistry Letters, 2019, 10, 7009-7014.	4.6	35
7	Recognition of Melamine by Chromium Tricarbonyl (Thio)barbituric Acid Derivatives: Theoretical Insight into Multiple Hydrogenâ€Bond Modes. ChemistrySelect, 2018, 3, 2404-2415.	1.5	0
8	Effect of Î²-Cyclodextrin on the Preparation of Poly(methyl methacrylate-co-lauryl methacrylate) Nanoparticles and Their Latex Blending with Natural Rubber. Polymer Science - Series B, 2018, 60, 652-663.	0.8	1
9	C₂N-supported single metal ion catalysts for HCOOH dehydrogenation. Journal of Materials Chemistry A, 2018, 6, 11105-11112.	10.3	40
10	Insights into the Photobehavior of Fluorescent Oxazinone, Quinazoline, and Difluoroboron Derivatives: Molecular Design Based on the Structureâ€“Property Relationships. Journal of Physical Chemistry C, 2017, 121, 8091-8108.	3.1	54
11	Design of single-molecular logical devices based on multistable photochromatic spirooxazine. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 837.	2.1	3
12	Low-Pressure Selectivity, Stepwise Gas Sorption Behaviors, and Luminescent Properties (Experimental) Tj ETQq0 0 0 rgBT /Overlock 10 T Growth and Design, 2017, 17, 3965-3973.	3.0	29
13	The effects of exact exchange of density functionals on the evaluation of second hyperpolarizabilities of streptocyanines using sum-over-states method. Computational and Theoretical Chemistry, 2016, 1085, 40-45.	2.5	6
14	Effect of an auxiliary acceptor on Dâ€“Aâ€“Ïâ€“A sensitizers for highly efficient and stable dye-sensitized solar cells. Journal of Materials Chemistry A, 2016, 4, 12865-12877.	10.3	66
15	Spirooxazine-Fulgide Biphotochromic Molecular Switches with Nonlinear Optical Responses across Four States. Journal of Physical Chemistry C, 2016, 120, 14840-14853.	3.1	37
16	The effect of heteroatoms and end groups of polymethines on the all-optical switching processing application: a CC2 calculation. Structural Chemistry, 2016, 27, 1211-1220.	2.0	5