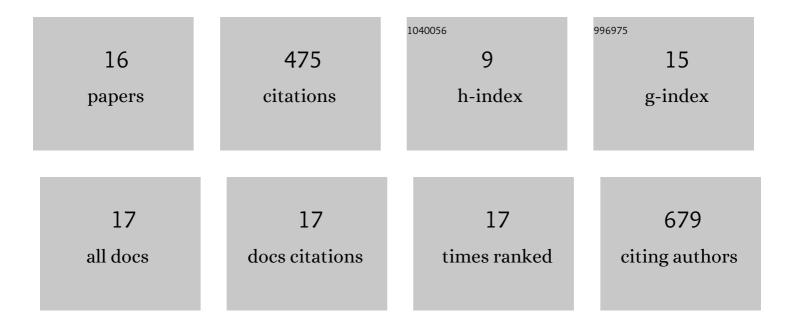
## Jianyong Yuan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3386007/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Electronic Spin Moment As a Catalytic Descriptor for Fe Single-Atom Catalysts Supported on C <sub>2</sub> N. Journal of the American Chemical Society, 2021, 143, 4405-4413.	13.7	138
2	High firstâ€hyperpolarizabilities of thiobarbituric acid derivativeâ€based donorâ€Ï€â€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 <i>p</i> -(dimethylamino)benzylidene-derived push–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 C <sub>2</sub> N-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	Ο
8	Effect of β-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	C <sub>2</sub> N-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 Structure–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 G Growth and Design, 2017, 17, 3965-3973.	0 0 rgBT /0 3.0	Overlock 10 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 D–A–ï€â€"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