

# Xin Lan

## List of Publications by Year in descending order

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17  
papers

431  
citations

933447

10  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescent Properties of Metal-Organic Framework MOF-5: Relativistic Time-Dependent Density Functional Theory Investigations. <i>Inorganic Chemistry</i> , 2012, 51, 12389-12394.	4.0	106
2	A set of manganese ion activated fluoride phosphors ( $A_2BF_6:Mn^{4+}$ , A = K, Na, B = Si, Ge, Ti): synthesis below 0 °C and efficient room-temperature photoluminescence. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9561-9568.	5.5	75
3	Upconversion-like Photolysis of BODIPY-Based Prodrugs via a One-Photon Process. <i>Journal of the American Chemical Society</i> , 2019, 141, 17482-17486.	13.7	51
4	Photochemical Activation of Tertiary Amines for Applications in Studying Cell Physiology. <i>Journal of the American Chemical Society</i> , 2017, 139, 12591-12600.	13.7	42
5	Direct Detection of the Open-Shell Singlet Phenoxenium Ion: An Atom-Centered Diradical Reacts as an Electrophile. <i>Journal of the American Chemical Society</i> , 2017, 139, 15054-15059.	13.7	33
6	Time-dependent density functional theory (TD-DFT) study on the excited-state intramolecular proton transfer (ESIPT) in 2-hydroxybenzoyl compounds: Significance of the intramolecular hydrogen bonding. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 102, 281-285.	3.9	27
7	Direct Spectroscopic Detection and EPR Investigation of a Ground State Triplet Phenyl Oxenium Ion. <i>Journal of the American Chemical Society</i> , 2015, 137, 10391-10398.	13.7	22
8	Role of the Electronically Excited-State Hydrogen Bonding and Water Clusters in the Luminescent Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2013, 52, 5742-5748.	4.0	18
9	Ketyl Radical Formation via Proton-Coupled Electron Transfer in an Aqueous Solution versus Hydrogen Atom Transfer in Isopropanol after Photoexcitation of Aromatic Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2016, 81, 5330-5336.	3.2	18
10	A spectroscopic study of the excited state proton transfer processes of (8-bromo-7-hydroxyquinolin-2-yl)methyl-protected phenol in aqueous solutions. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 575-584.	2.9	11
11	Direct Observation of an Alkylidene-carbene by Ultrafast Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6852-6855.	2.5	10
12	Influence of Water in the Photogeneration and Properties of a Bifunctional Quinone Methide. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11132-11141.	2.6	8
13	Time-Resolved Spectroscopic Study of N,N-Di(4-bromo)nitrenium Ions in Selected Solutions. <i>Molecules</i> , 2018, 23, 3182.	3.8	6
14	The Hydrogen Bonding in Electronically Excited States of the Luminescent Metal-Organic Frameworks Containing H <sub>2</sub> O: Time-Dependent Density Functional Theory Study. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013, 10, 2088-2093.	0.4	2
15	Time-resolved spectroscopic and density functional theory investigation of the influence of the leaving group on the generation of a binol quinone methide. <i>Journal of Molecular Structure</i> , 2018, 1172, 102-107.	3.6	1
16	Time-Resolved Spectroscopic and Density Functional Theory Investigation of the Photogeneration of a Bifunctional Quinone Methide in Neutral and Basic Aqueous Solutions. <i>Molecules</i> , 2018, 23, 3102.	3.8	1
17	Direct Detection of the Photorearrangement Reaction of Quinoline-Protected Dialkylanilines. <i>Photochemistry and Photobiology</i> , 2021, . .	2.5	0