

# Olga Trukhina

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,363  
citations

394421

19  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards artificial photosynthesis: Supramolecular, donor-acceptor, porphyrin- and phthalocyanine/carbon nanostructure ensembles. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2453-2477.	18.8	305
2	Preparation of Highly Porous Metal-Organic Framework Beads for Metal Extraction from Liquid Streams. <i>Journal of the American Chemical Society</i> , 2020, 142, 13415-13425.	13.7	123
3	A new post-synthetic polymerization strategy makes metal-organic frameworks more stable. <i>Chemical Science</i> , 2019, 10, 4542-4549.	7.4	112
4	Enhancing MOF performance through the introduction of polymer guests. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213525.	18.8	109
5	Molecularly Engineered Phthalocyanines as Hole-Transporting Materials in Perovskite Solar Cells Reaching Power Conversion Efficiency of 17.5%. <i>Advanced Energy Materials</i> , 2017, 7, 1601733.	19.5	90
6	MOF-Derived Cobalt Phosphide/Carbon Nanocubes for Selective Hydrogenation of Nitroarenes to Anilines. <i>Chemistry - A European Journal</i> , 2018, 24, 4234-4238.	3.3	73
7	Phthalocyanine-Carbon Nanostructure Materials Assembled through Supramolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 905-913.	4.6	67
8	Efficient reductive amination of HMF with well dispersed Pd nanoparticles immobilized in a porous MOF/polymer composite. <i>Green Chemistry</i> , 2020, 22, 368-378.	9.0	58
9	Synthesis and Photophysical Properties of Fullerene-Phthalocyanine-Porphyrin Triads and Pentads. <i>Chemistry - A European Journal</i> , 2012, 18, 1727-1736.	3.3	48
10	Porphyrin-Phthalocyanine/Pyridylfullerene Supramolecular Assemblies. <i>Chemistry - A European Journal</i> , 2012, 18, 3210-3219.	3.3	46
11	Step-by-step self-assembled hybrids that feature control over energy and charge transfer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15565-15571.	7.1	39
12	Bidirectional Electron Transfer Capability in Phthalocyanine-Sc <sub>3</sub> N@C <sub>80</sub> Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 12914-12922.	13.7	39
13	Taming C <sub>60</sub> fullerene: tuning intramolecular photoinduced electron transfer process with subphthalocyanines. <i>Chemical Science</i> , 2015, 6, 4141-4147.	7.4	39
14	Supramolecular electron transfer-based switching involving pyrrolic macrocycles. A new approach to sensor development?. <i>Chemical Communications</i> , 2015, 51, 7781-7794.	4.1	34
15	A metal-organic framework/polymer derived catalyst containing single-atom nickel species for electrocatalysis. <i>Chemical Science</i> , 2020, 11, 10991-10997.	7.4	32
16	Tuning intramolecular electron and energy transfer processes in novel conjugates of La <sub>2</sub> @C <sub>80</sub> and electron accepting subphthalocyanines. <i>Chemical Communications</i> , 2015, 51, 330-333.	4.1	26
17	Regio-, Stereo-, and Atropselective Synthesis of C <sub>60</sub> Fullerene Bisadducts by Supramolecular-Directed Functionalization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11020-11025.	13.8	26
18	Long-Range Orientational Self-Assembly, Spatially Controlled Deprotonation, and Off-Centered Metalation of an Expanded Porphyrin. <i>Journal of the American Chemical Society</i> , 2017, 139, 14129-14136.	13.7	23

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19	A Two Step Postsynthetic Modification Strategy: Appending Short Chain Polyamines to Zn-NH <sub>2</sub> -BDC MOF for Enhanced CO <sub>2</sub> Adsorption. <i>Inorganic Chemistry</i> , 2021, 60, 11720-11729.	4.0	21
20	Hybridization of Synthetic Humins with a Metal-Organic Framework for Precious Metal Recovery and Reuse. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60027-60034.	8.0	19
21	An <i>In Situ</i> Neutron Diffraction and DFT Study of Hydrogen Adsorption in a Sodalite-Type Metal-Organic Framework, Cu-BTTri. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1147-1154.	2.0	15
22	Tuning Electron Donor-Acceptor Hybrids by Alkali Metal Complexation. <i>Chemistry - A European Journal</i> , 2015, 21, 5916-5925.	3.3	9
23	Dual Role of Phthalocyanines in Carbon Nanostructure-Based Organic Photovoltaics. <i>Structure and Bonding</i> , 2013, , 145-191.	1.0	5
24	Regio-, Stereo-, and Atropselective Synthesis of C <sub>60</sub> Fullerene Bisadducts by Supramolecular-Directed Functionalization. <i>Angewandte Chemie</i> , 2016, 128, 11186-11191.	2.0	4
25	Enhancing MOF performance through the Introduction of polymer guests. , 0, , .		0