Eugene A Kapustin

List of Publications by Year
in descending order

21	4,868	516215 16	676716 22
papers	citations	h-index	g-index

22	22	22	6120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Architectural Stabilization of a Gold(III) Catalyst in Metal-Organic Frameworks. CheM, 2020, 6, 142-152.	5.8	39
2	Coordinative Alignment in the Pores of MOFs for the Structural Determination of N-, S-, and P-Containing Organic Compounds Including Complex Chiral Molecules. Journal of the American Chemical Society, 2019, 141, 18862-18869.	6.6	49
3	Rapid Cycling and Exceptional Yield in a Metal-Organic Framework Water Harvester. ACS Central Science, 2019, 5, 1699-1706.	5.3	340
4	A Crystal with Nearly 200% of Its Body Weight in Water. CheM, 2018, 4, 16-17.	5.8	8
5	Reticular Electronic Tuning of Porphyrin Active Sites in Covalent Organic Frameworks for Electrocatalytic Carbon Dioxide Reduction. Journal of the American Chemical Society, 2018, 140, 1116-1122.	6.6	457
6	Adsorption-based atmospheric water harvesting device for arid climates. Nature Communications, 2018, 9, 1191.	5.8	401
7	Deconvoluting the Role of Charge in a Supramolecular Catalyst. Journal of the American Chemical Society, 2018, 140, 6591-6595.	6.6	81
8	Single-crystal x-ray diffraction structures of covalent organic frameworks. Science, 2018, 361, 48-52.	6.0	868
9	Practical water production from desert air. Science Advances, 2018, 4, eaat3198.	4.7	406
10	Water harvesting from air with metal-organic frameworks powered by natural sunlight. Science, 2017, 356, 430-434.	6.0	1,179
11	Molecular Retrofitting Adapts a Metalâ€“Organic Framework to Extreme Pressure. ACS Central Science, 2017, 3, 662-667.	5.3	79
12	A Synthetic Route for Crystals of Woven Structures, Uniform Nanocrystals, and Thin Films of Imine Covalent Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 13166-13172.	6.6	193
13	The Chemistry of CO₂ Capture in an Amine-Functionalized Metalâ€“Organic Framework under Dry and Humid Conditions. Journal of the American Chemical Society, 2017, 139, 12125-12128.	6.6	371
14	Response to Comment on â€œWater harvesting from air with metal-organic frameworks powered by natural sunlightâ€• Science, 2017, 358, .	6.0	5
15	Response to Comment on â€œWater harvesting from air with metal-organic frameworks powered by natural sunlightâ€• Science, 2017, 358, .	6.0	16
16	Coordinative alignment of molecules in chiral metal-organic frameworks. Science, 2016, 353, 808-811.	6.0	262
17	Sarcosine and betaine crystals upon cooling: structural motifs unstable at high pressure become stable at low temperatures. Physical Chemistry Chemical Physics, 2015, 17, 3534-3543.	1.3	11
18	Effect of pressure on methylated glycine derivatives: relative roles of hydrogen bonds and steric repulsion of methyl groups. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 517-532.	0.5	11

#	Article	IF	Citations
19	Oxidative stress of H₂O₂on N,N-dimethylglycine: formation of perhydrate crystals and more. CrystEngComm, 2014, 16, 10165-10168.	1.3	13
20	One Hydrogen Bondâ€"Two Ways To Build a Structure. The Role of Nâ€“HÂ·Â·Â·O Hydrogen Bonds in Crystal Structures of N,N-Dimethylglycine. Crystal Growth and Design, 2014, 14, 1851-1864.	1.4	17
21	Model Studies of the Kinetics of Ester Hydrolysis under Stretching Force. Angewandte Chemie - International Edition, 2013, 52, 6992-6995.	7.2	49