

# UnJin Ryu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

409  
citations

8  
h-index

13  
g-index

13  
ext. papers

523  
ext. citations

8.8  
avg, IF

4.2  
L-index

#	Paper	IF	Citations
10	Recent advances in process engineering and upcoming applications of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 426, 213544	23.2	100
9	Nanocrystalline Titanium Metal-Organic Frameworks for Highly Efficient and Flexible Perovskite Solar Cells. <i>ACS Nano</i> , <b>2018</b> , 12, 4968-4975	16.7	93
8	Metal-organic framework patterns and membranes with heterogeneous pores for flow-assisted switchable separations. <i>Nature Communications</i> , <b>2018</b> , 9, 3968	17.4	53
7	Synergistic interaction of Re complex and amine functionalized multiple ligands in metal-organic frameworks for conversion of carbon dioxide. <i>Scientific Reports</i> , <b>2017</b> , 7, 612	4.9	47
6	A multi-dye containing MOF for the ratiometric detection and simultaneous removal of Cr <sup>2+</sup> in the presence of interfering ions. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 283, 426-433	8.5	41
5	Tailoring Nanocrystalline Metal-Organic Frameworks as Fluorescent Dye Carriers for Bioimaging. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12859-12865	5.1	31
4	The rules and roles of metal-organic framework in combination with molecular dyes. <i>Polyhedron</i> , <b>2018</b> , 154, 275-294	2.7	20
3	Surface coating of MOF layers on the nanocrystals of other MOFs using nanoparticle mediated nucleation for the efficient removal of formaldehyde. <i>Applied Surface Science</i> , <b>2020</b> , 505, 144612	6.7	10
2	Surface-enhanced infrared detection of benzene in air using a porous metal-organic-frameworks film. <i>Korean Journal of Chemical Engineering</i> , <b>2019</b> , 36, 975-980	2.8	7
1	Rapid Single-Step Growth of MOF Exoskeleton on Mammalian Cells for Enhanced Cytoprotection. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 3075-3081	5.5	3