

# Ghada Ayoub

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5202920/publications.pdf>

Version: 2024-02-01

11  
papers

392  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Synthesis of Mixed-Metal Microporous Metal-Organic Frameworks with Controlled Composition Using Mechanochemistry. <i>Chemistry of Materials</i> , 2019, 31, 5494-5501.	6.7	96
2	Experimental and Theoretical Evaluation of the Stability of True MOF Polymorphs Explains Their Mechanochemical Interconversions. <i>Journal of the American Chemical Society</i> , 2017, 139, 7952-7957.	13.7	93
3	Scalable, room temperature, and water-based synthesis of functionalized zirconium-based metal-organic frameworks for toxic chemical removal. <i>CrystEngComm</i> , 2019, 21, 2409-2415.	2.6	67
4	Torsion Angle Effect on the Activation of UiO Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 15788-15794.	8.0	31
5	Theoretical Prediction and Experimental Evaluation of Topological Landscape and Thermodynamic Stability of a Fluorinated Zeolitic Imidazolate Framework. <i>Chemistry of Materials</i> , 2019, 31, 3777-3783.	6.7	31
6	Metal-Organic Frameworks as Fuels for Advanced Applications: Evaluating and Modifying the Combustion Energy of Popular MOFs. <i>Chemistry of Materials</i> , 2019, 31, 4882-4888.	6.7	21
7	Heat capacity and thermodynamic functions of crystalline and amorphous forms of the metal organic framework zinc 2-ethylimidazolate, Zn(EtIm) <sub>2</sub> . <i>Journal of Chemical Thermodynamics</i> , 2018, 116, 341-351.	2.0	19
8	Air oxidation of sulfur mustard gas simulants using a pyrene-based metal-organic framework photocatalyst. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2422-2427.	2.8	14
9	Mechanochemistry vs. solution growth: striking differences in bench stability of a cimetidine salt based on a synthetic method. <i>CrystEngComm</i> , 2018, 20, 7242-7247.	2.6	7
10	Drug-Nutraceutical Co-Crystal and Salts for Making New and Improved Bi-Functional Analgesics. <i>Pharmaceutics</i> , 2020, 12, 1144.	4.5	7
11	Submicrometric Iron Particles for the Removal of Pharmaceuticals from Water: Application to $\beta$ -Lactam Antibiotics. <i>Advanced Materials Research</i> , 0, 324, 485-488.	0.3	6