

# Patrick Melix

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2886859/publications.pdf>

Version: 2024-02-01

7  
papers

152  
citations

1684188

5  
h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-Tuning a Robust Metal-Organic Framework toward Enhanced Clean Energy Gas Storage. Journal of the American Chemical Society, 2021, 143, 18838-18843.	13.7	79
2	Conformational isomerism controls collective flexibility in metal-organic framework DUT-8(Ni). Physical Chemistry Chemical Physics, 2019, 21, 674-680.	2.8	39
3	Spin polarization in SCC-DFTB. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	9
4	A Ligand Field Molecular Mechanics Study of CO <sub>2</sub> -Induced Breathing in the Metal-Organic Framework DUT-8(Ni). Advanced Theory and Simulations, 2019, 2, 1900098.	2.8	9
5	London Dispersion Governs the Interaction Mechanism of Small Polar and Nonpolar Molecules in Metal-Organic Frameworks. Journal of Physical Chemistry C, 2020, 124, 11985-11989.	3.1	7
6	Investigation of CO <sub>2</sub> Orientational Dynamics through Simulated NMR Line Shapes**. ChemPhysChem, 2021, 22, 2336-2341.	2.1	4
7	Interfacial Unit-Dependent Catalytic Activity for CO Oxidation over Cerium Oxysulfate Cluster Assemblies. ACS Applied Materials & Interfaces, 2022, 14, 33515-33524.	8.0	2