

# Miroslav PoloÅ¾ij

## List of Publications by Year in descending order

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17  
papers

1,112  
citations

759055

12  
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887953

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all docs

18  
docs citations

18  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Representation of Stacking Disorder in Layered Covalent Organic Frameworks. <i>Chemistry of Materials</i> , 2022, 34, 2376-2381.	3.2	29
2	Optimal acceleration voltage for near-atomic resolution imaging of layer-stacked 2D polymer thin films. <i>Nature Communications</i> , 2022, 13, .	5.8	8
3	Near-atomic-scale observation of grain boundaries in a layer-stacked two-dimensional polymer. <i>Science Advances</i> , 2020, 6, eabb5976.	4.7	39
4	Highly Crystalline and Semiconducting Imine-Based Two-Dimensional Polymers Enabled by Interfacial Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 6084-6092.	1.6	18
5	Highly Crystalline and Semiconducting Imine-Based Two-Dimensional Polymers Enabled by Interfacial Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6028-6036.	7.2	98
6	Photochemical Creation of Covalent Organic 2D Monolayer Objects in Defined Shapes via a Lithographic 2D Polymerization. <i>ACS Nano</i> , 2018, 12, 11294-11306.	7.3	16
7	Assembly-Disassembly-Organization-Reassembly Synthesis of Zeolites Based on <i>cfi</i> -Type Layers. <i>Chemistry of Materials</i> , 2017, 29, 5605-5611.	3.2	60
8	Twinning Growth of Metal-Free, Triazine-Based Photocatalyst Films as Mixed-Dimensional (2D/3D) van der Waals Heterostructures. <i>Advanced Materials</i> , 2017, 29, 1703399.	11.1	59
9	Combined PDF and Rietveld studies of ADORable zeolites and the disordered intermediate IPC-1P. <i>Dalton Transactions</i> , 2016, 45, 14124-14130.	1.6	9
10	Understanding the Structure of Cationic Sites in Alkali Metal-Grafted USY Zeolites. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4954-4960.	1.5	11
11	Synthesis of "unfeasible"™ zeolites. <i>Nature Chemistry</i> , 2016, 8, 58-62.	6.6	186
12	Unexpected Photoreactivity in a NO <sub>2</sub> -Functionalized Aluminum-MOF. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26401-26408.	1.5	9
13	Catalysis by Dynamically Formed Defects in a Metal-Organic Framework Structure: Knoevenagel Reaction Catalyzed by Copper Benzene-1,3,5-tricarboxylate. <i>ChemCatChem</i> , 2014, 6, 2821-2824.	1.8	54
14	Theoretical investigation of the Friedländer reaction catalysed by CuBTC: Concerted effect of the adjacent Cu <sup>2+</sup> sites. <i>Catalysis Today</i> , 2013, 204, 101-107.	2.2	33
15	A family of zeolites with controlled pore size prepared using a top-down method. <i>Nature Chemistry</i> , 2013, 5, 628-633.	6.6	355
16	Intramolecular Hydroalkoxylation of Non-Activated C≡C Bonds Catalysed by Zeolites: An Experimental and Theoretical Study. <i>ChemSusChem</i> , 2013, 6, 1021-1030.	3.6	10
17	Synthesis of quinolines via Friedländer reaction catalyzed by CuBTC metal-organic-framework. <i>Dalton Transactions</i> , 2012, 41, 4036.	1.6	118