

# Jenny Pirillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6638214/publications.pdf>

Version: 2024-02-01

21  
papers

481  
citations

1163117

8  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological molecular nanocarbons: All-benzene catenane and trefoil knot. <i>Science</i> , 2019, 365, 272-276.	12.6	192
2	Double-Helix Supramolecular Nanofibers Assembled from Negatively Curved Nanographenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5465-5469.	13.7	66
3	Synthesis of a Möbius carbon nanobelt. , 2022, 1, 535-541.		53
4	Calix[3]pyrrole: A Missing Link in Porphyrin-Related Chemistry. <i>Journal of the American Chemical Society</i> , 2021, 143, 12355-12360.	13.7	30
5	Photochemically Crushable and Regenerative Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2020, 142, 14069-14073.	13.7	21
6	Support Effect of Metal-Organic Frameworks on Ethanol Production through Acetic Acid Hydrogenation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19992-20001.	8.0	12
7	Coordinated Water as New Binding Sites for the Separation of Light Hydrocarbons in Metal-Organic Frameworks with Open Metal Sites. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 9448-9456.	8.0	11
8	A Temporarily Pore-Openable Porous Coordination Polymer for Guest Adsorption/Desorption. <i>Inorganic Chemistry</i> , 2021, 60, 4531-4538.	4.0	10
9	Trans Influence across a Metal-Metal Bond of a Paddle-Wheel Unit on Interaction with Gases in a Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2020, 59, 1193-1203.	4.0	9
10	Multicolour photochromic fluorescence of a fluorophore encapsulated in a metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 9651-9654.	4.1	8
11	Triplet Carbene with Highly Enhanced Thermal Stability in the Nanospace of a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 8129-8136.	13.7	8
12	Flexibility Control of Two-Dimensional Coordination Polymers by Crystal Morphology: Water Adsorption and Thermal Expansion. <i>Chemistry - A European Journal</i> , 2021, 27, 18135-18140.	3.3	8
13	Consecutive oxidative additions of iodine on undulating 2D coordination polymers: formation of Pt-I chains and inhomogeneous layers. <i>Dalton Transactions</i> , 2019, 48, 7198-7202.	3.3	7
14	Modulation of Band Gaps toward Varying Conductivities in Heterometallic One-Dimensional Chains by Ligand Alteration and Third Metal Insertion. <i>ACS Omega</i> , 2020, 5, 30502-30518.	3.5	7
15	Understanding the interactions between the bis(trifluoromethylsulfonyl)imide anion and adsorbed CO <sub>2</sub> using X-ray diffraction analysis of a soft crystal surrogate. <i>Communications Chemistry</i> , 2020, 3, .	4.5	7
16	Strain-Induced Ring Expansion Reactions of Calix[3]pyrrole-Related Macrocycles. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	7
17	Trapping and Releasing of Oxygen in Liquid by Metal-Organic Framework with Light and Heat. <i>Small</i> , 2021, 17, 2004351.	10.0	6
18	Alkali metal ion binding using cyclic polyketones. <i>Chemical Communications</i> , 2022, 58, 2971-2974.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Direct and cluster-assisted dehydrogenation of methane by Nb <sup>+</sup> and Ta <sup>+</sup> : a theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16178-16188.	2.8	5
20	Accumulated Lattice Strain as an Internal Trigger for Spontaneous Pathway Selection. <i>Journal of the American Chemical Society</i> , 2021, 143, 15319-15325.	13.7	5
21	Insoluble $\pi$ -Conjugated Polyimine as an Organic Adsorbent for Group 10 Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1705-1708.	2.0	3