

# Mingguang Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1759249/publications.pdf>

Version: 2024-02-01

13  
papers

336  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Redox Chemistry in Pyrrolidinium-Based TEMPO Radical and Extended Viologen for High-Voltage and Long-Life Aqueous Redox Flow Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	56
2	The Dual Role of Bridging Phenylene in an Extended Bipyridine System for High-Voltage and Stable Two-Electron Storage in Redox Flow Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 44174-44183.	8.0	34
3	Surfactant induced formation of flower-like V <sub>2</sub> O <sub>5</sub> microspheres as cathode materials for rechargeable magnesium batteries. <i>Ionics</i> , 2019, 25, 5889-5897.	2.4	8
4	Using CoS cathode materials with 3D hierarchical porosity and an ionic liquid (IL) as an electrolyte additive for high capacity rechargeable magnesium batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18880-18888.	10.3	31
5	Tuning the Capture of CO <sub>2</sub> through Entropic Effect Induced by Reversible Trans-Cis Isomerization of Light-Responsive Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3346-3351.	4.6	19
6	Efficient Absorption of CO <sub>2</sub> by Introduction of Intramolecular Hydrogen Bonding in Chiral Amino Acid Ionic Liquids. <i>Energy &amp; Fuels</i> , 2018, 32, 6130-6135.	5.1	47
7	Enhanced CO <sub>2</sub> uptake by intramolecular proton transfer reactions in amino-functionalized pyridine-based ILs. <i>Chemical Communications</i> , 2017, 53, 5950-5953.	4.1	31
8	Reversible CO <sub>2</sub> Capture by Conjugated Ionic Liquids through Dynamic Covalent Carbon-Oxygen Bonds. <i>ChemSusChem</i> , 2016, 9, 2351-2357.	6.8	18
9	Pillar[5]arene derivatives with three different kinds of repeating units: first examples, crystal structures and selective preparation. <i>RSC Advances</i> , 2014, 4, 260-263.	3.6	11
10	Evidence for a Bulky Unit of a Pillar[5]arene Flipping in the Solid State. <i>Chinese Journal of Chemistry</i> , 2014, 32, 391-395.	4.9	9
11	Synthesis of a Pillar[5]arene with Both Hydroxyl and Methoxycarbonyl-Methoxy Groups and Its Host-Guest Complexation with a Bis(imidazolium) Salt. <i>Chinese Journal of Chemistry</i> , 2014, 32, 128-132.	4.9	20
12	Selective Preparation of Isomeric Tetrahydroxypillar[5]arenes and Pillar[3]arene[2]quinones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4787-4793.	2.4	30
13	A pillar[2]arene[3]hydroquinone which can self-assemble to form a molecular zipper in the solid state. <i>RSC Advances</i> , 2013, 3, 20287.	3.6	16