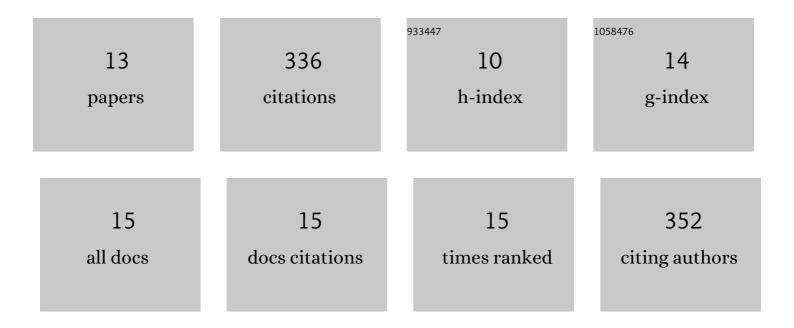
Mingguang Pan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Reversible Redox Chemistry in Pyrrolidiniumâ€Based TEMPO Radical and Extended Viologen for Highâ€Voltage and Longâ€Life Aqueous Redox Flow Batteries. Advanced Energy Materials, 2022, 12, .	19.5	56
2	Efficient Absorption of CO ₂ by Introduction of Intramolecular Hydrogen Bonding in Chiral Amino Acid Ionic Liquids. Energy & Fuels, 2018, 32, 6130-6135.	5.1	47
3	The Dual Role of Bridging Phenylene in an Extended Bipyridine System for High-Voltage and Stable Two-Electron Storage in Redox Flow Batteries. ACS Applied Materials & Interfaces, 2021, 13, 44174-44183.	8.0	34
4	Enhanced CO ₂ uptake by intramolecular proton transfer reactions in amino-functionalized pyridine-based ILs. Chemical Communications, 2017, 53, 5950-5953.	4.1	31
5	Using CoS cathode materials with 3D hierarchical porosity and an ionic liquid (IL) as an electrolyte additive for high capacity rechargeable magnesium batteries. Journal of Materials Chemistry A, 2019, 7, 18880-18888.	10.3	31
6	Selective Preparation of Isomeric Tetrahydroxypillar[5]arenes and Pillar[3]arene[2]quinones. European Journal of Organic Chemistry, 2013, 2013, 4787-4793.	2.4	30
7	Synthesis of a Pillar[5]arene with Both Hydroxyl and Methoxycarbonylâ€Methoxy Groups and Its Hostâ€Guest Complexation with a Bis(imidazolium) Salt. Chinese Journal of Chemistry, 2014, 32, 128-132.	4.9	20
8	Tuning the Capture of CO2 through Entropic Effect Induced by Reversible Trans–Cis Isomerization of Light-Responsive Ionic Liquids. Journal of Physical Chemistry Letters, 2019, 10, 3346-3351.	4.6	19
9	Reversible CO ₂ Capture by Conjugated Ionic Liquids through Dynamic Covalent Carbon–Oxygen Bonds. ChemSusChem, 2016, 9, 2351-2357.	6.8	18
10	A pillar[2]arene[3]hydroquinone which can self-assemble to form a molecular zipper in the solid state. RSC Advances, 2013, 3, 20287.	3.6	16
11	Pillar[5]arene derivatives with three different kinds of repeating units: first examples, crystal structures and selective preparation. RSC Advances, 2014, 4, 260-263.	3.6	11
12	Evidence for a Bulky Unit of a Pillar[5]arene Flipping in the Solid State. Chinese Journal of Chemistry, 2014, 32, 391-395.	4.9	9
13	Surfactant induced formation of flower-like V2O5 microspheres as cathode materials for rechargeable magnesium batteries. Ionics, 2019, 25, 5889-5897.	2.4	8