

Masaki Takata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1893207/publications.pdf>

Version: 2024-02-01

8
papers

844
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

1560
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Accelerating CO Sorption in a Soft Nanoporous Crystal. <i>Science</i> , 2014, 343, 167-170.	12.6	434
2	Selective sorption of oxygen and nitric oxide by an electron-donating flexible porous coordination polymer. <i>Nature Chemistry</i> , 2010, 2, 633-637.	13.6	306
3	Selective NO Trapping in the Pores of Chain-Type Complex Assemblies Based on Electronically Activated Paddlewheel-Type $[\text{Ru}^{2+}_{2}\text{II,II}]/[\text{Rh}^{2+}_{2}\text{II,II}]$ Dimers. <i>Journal of the American Chemical Society</i> , 2013, 135, 18469-18480.	13.7	47
4	CO_{2} superabsorption in a paddlewheel-type Ru dimer chain compound: gate-open performance dependent on inter-chain interactions. <i>Chemical Communications</i> , 2013, 49, 1594-1596.	4.1	27
5	In Situ Tracking of Dynamic NO Capture through a Crystal-to-Crystal Transformation from a Gate-Open-Type Chain Porous Coordination Polymer to a NO-Adducted Discrete Isomer. <i>Chemistry - A European Journal</i> , 2019, 25, 3020-3031.	3.3	12
6	Regulation of NO Uptake in Flexible Ru Dimer Chain Compounds with Highly Electron Donating Dopants. <i>Inorganic Chemistry</i> , 2016, 55, 12085-12092.	4.0	10
7	Coordination Programming in the Design of Porous Coordination Polymers: Tuning of the Electronic Activity of Frameworks for Selective Nitrogen Monoxide Trapping. <i>Chemistry Letters</i> , 2014, 43, 890-892.	1.3	8
8	Frontispiece: In Situ Tracking of Dynamic NO Capture through a Crystal-to-Crystal Transformation from a Gate-Open-Type Chain Porous Coordination Polymer to a NO-Adducted Discrete Isomer. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0