

Gokhan Barin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12094470/publications.pdf>

Version: 2024-02-01

28
papers

2,489
citations

218677

26
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

3579
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia Storage in Hydrogen Bond-Rich Microporous Polymers. ACS Applied Materials & Interfaces, 2020, 12, 58161-58169.	8.0	9
2	Highly effective ammonia removal in a series of Brønsted acidic porous polymers: investigation of chemical and structural variations. Chemical Science, 2017, 8, 4399-4409.	7.4	89
3	A Microporous Amic Acid Polymer for Enhanced Ammonia Capture. ACS Applied Materials & Interfaces, 2017, 9, 33504-33510.	8.0	31
4	Pillar[5]arene Based Conjugated Microporous Polymers for Propane/Methane Separation through Host-Guest Complexation. Chemistry of Materials, 2016, 28, 4460-4466.	6.7	147
5	Redox Control of the Binding Modes of an Organic Receptor. Journal of the American Chemical Society, 2015, 137, 11057-11068.	13.7	55
6	Carbohydrate-Mediated Purification of Petrochemicals. Journal of the American Chemical Society, 2015, 137, 5706-5719.	13.7	112
7	Isorecticular Series of (3,24)-Connected Metal-Organic Frameworks: Facile Synthesis and High Methane Uptake Properties. Chemistry of Materials, 2014, 26, 1912-1917.	6.7	76
8	Mechanical Bonds and Topological Effects in Radical Dimer Stabilization. Journal of the American Chemical Society, 2014, 136, 11011-11026.	13.7	47
9	Defect Creation by Linker Fragmentation in Metal-Organic Frameworks and Its Effects on Gas Uptake Properties. Inorganic Chemistry, 2014, 53, 6914-6919.	4.0	118
10	Redox-Controlled Selective Docking in a [2]Catenane Host. Journal of the American Chemical Society, 2013, 135, 2466-2469.	13.7	27
11	Electronic and Optical Vibrational Spectroscopy of Molecular Transport Junctions Created by On-Wire Lithography. Small, 2013, 9, 1900-1903.	10.0	10
12	Mechanostereochemistry and the mechanical bond. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 2849-2880.	2.1	51
13	Rapid thermally assisted donor-acceptor catenation. Chemical Communications, 2012, 48, 9141.	4.1	8
14	High hopes: can molecular electronics realise its potential?. Chemical Society Reviews, 2012, 41, 4827.	38.1	277
15	Mechanically Interlocked Molecules Assembled by ...Recognition. ChemPlusChem, 2012, 77, 159-185.	2.8	100
16	Photoinduced Memory Effect in a Redox Controllable Bistable Mechanical Molecular Switch. Angewandte Chemie - International Edition, 2012, 51, 1611-1615.	13.8	119
17	Metal-Organic Frameworks Incorporating Copper-Complexed Rotaxanes. Angewandte Chemie - International Edition, 2012, 51, 2160-2163.	13.8	105
18	A redox-active reverse donor-acceptor bistable [2]rotaxane. Chemical Science, 2011, 2, 1046-1053.	7.4	58

#	ARTICLE	IF	CITATIONS
19	Optimization of distyryl-Bodipy chromophores for efficient panchromatic sensitization in dye sensitized solar cells. <i>Chemical Science</i> , 2011, 2, 949.	7.4	259
20	Mechanically Stabilized Tetrathiafulvalene Radical Dimers. <i>Journal of the American Chemical Society</i> , 2011, 133, 4538-4547.	13.7	114
21	Innentitelbild: A Light-Stimulated Molecular Switch Driven by Radical-Radical Interactions in Water (<i>Angew. Chem.</i> 30/2011). <i>Angewandte Chemie</i> , 2011, 123, 6804-6804.	2.0	0
22	A Light-Stimulated Molecular Switch Driven by Radical-Radical Interactions in Water. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6782-6788.	13.8	127
23	Inside Cover: A Light-Stimulated Molecular Switch Driven by Radical-Radical Interactions in Water (<i>Angew. Chem. Int. Ed.</i> 30/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6674-6674.	13.8	3
24	Donor-Acceptor Oligorotaxanes Made to Order. <i>Chemistry - A European Journal</i> , 2011, 17, 2107-2119.	3.3	53
25	A Multistate Switchable [3]Rotacatenane. <i>Chemistry - A European Journal</i> , 2011, 17, 213-222.	3.3	56
26	Measurement of the ground-state distributions in bistable mechanically interlocked molecules using slow scan rate cyclic voltammetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20416-20421.	7.1	30
27	A Catenated Strut in a Catenated Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6751-6755.	13.8	103
28	Highly stable tetrathiafulvalene radical dimers in [3]catenanes. <i>Nature Chemistry</i> , 2010, 2, 870-879.	13.6	171