

Takashi Kitao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,317
citations

16
h-index

36
g-index

39
ext. papers

1,616
ext. citations

10.2
avg, IF

5.02
L-index

#	Paper	IF	Citations
33	Bio-adhesive Nanoporous Module: Toward Autonomous Gating. <i>Angewandte Chemie</i> , 2021 , 133, 9014-9019	16.4	19
32	Bio-adhesive Nanoporous Module: Toward Autonomous Gating. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8932-8937	16.4	1
31	Titelbild: Bio-adhesive Nanoporous Module: Toward Autonomous Gating (Angew. Chem. 16/2021). <i>Angewandte Chemie</i> , 2021 , 133, 8641-8641	3.6	0
30	Chiral Induction in Buckminsterfullerene Using a Metal-Organic Framework. <i>Angewandte Chemie</i> , 2021 , 133, 18091-18095	3.6	1
29	Chiral Induction in Buckminsterfullerene Using a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17947-17951	16.4	1
28	Synthesis of a metal-organic framework by plasma in liquid to increase reduced metal ions and enhance water stability.. <i>RSC Advances</i> , 2021 , 11, 22756-22760	3.7	1
27	Incorporating highly basic polyoxometalate anions comprising Nb or Ta into nanoscale reaction fields of porous ionic crystals. <i>Nanoscale</i> , 2021 , 13, 18451-18457	7.7	4
26	Hybridization of Synthetic Humins with a Metal-Organic Framework for Precious Metal Recovery and Reuse.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 60027-60034	9.5	8
25	Polymers in Metal-Organic Frameworks: From Nanostructured Chain Assemblies to New Functional Materials. <i>Chemistry Letters</i> , 2020 , 49, 624-632	1.7	10
24	Carbonization of single polyacrylonitrile chains in coordination nanospaces. <i>Chemical Science</i> , 2020 , 11, 10844-10849	9.4	14
23	Isostructural mesoporous ionic crystals as a tunable platform for acid catalysis. <i>Dalton Transactions</i> , 2020 , 49, 10328-10333	4.3	4
22	Supramolecular Chiral Nanoarchitectonics. <i>Advanced Materials</i> , 2020 , 32, e1905657	24	76
21	Scalable and Precise Synthesis of Armchair-Edge Graphene Nanoribbon in Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5509-5514	16.4	19
20	Recognition of Polymer Terminus by Metal-Organic Frameworks Enabling Chromatographic Separation of Polymers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3701-3705	16.4	28
19	Confinement of poly(allylamine) in Preyssler-type polyoxometalate and potassium ion framework for enhanced proton conductivity. <i>Communications Chemistry</i> , 2019 , 2,	6.3	15
18	Fluorinated porous molecular crystals: vapor-triggered on-off switching of luminescence and porosity. <i>Chemical Communications</i> , 2019 , 55, 6487-6490	5.8	14
17	Transcription of Chirality from Metal-Organic Framework to Polythiophene. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19565-19569	16.4	28

16	A phase transformable ultrastable titanium-carboxylate framework for photoconduction. <i>Nature Communications</i> , 2018 , 9, 1660	17.4	98
15	A fluorescent microporous crystalline dendrimer discriminates vapour molecules. <i>Chemical Communications</i> , 2018 , 54, 2534-2537	5.8	17
14	Formation of coordination polymer glass by mechanical milling: dependence on metal ions and molecular doping for H conductivity. <i>Chemical Communications</i> , 2018 , 54, 6859-6862	5.8	23
13	Selective Formation of End-on Orientation between Polythiophene and Fullerene Mediated by Coordination Nanospaces. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24182-24189	3.8	7
12	Oxidative polymerization of terthiophene and a substituted thiophene monomer in metal-organic framework thin films. <i>European Polymer Journal</i> , 2018 , 109, 162-168	5.2	17
11	Selective sorting of polymers with different terminal groups using metal-organic frameworks. <i>Nature Communications</i> , 2018 , 9, 3635	17.4	26
10	Controlled polymerizations using metal-organic frameworks. <i>Chemical Communications</i> , 2018 , 54, 11843-11856	18.5660	
9	Lanthanide-Based Porous Coordination Polymers: Syntheses, Slow Relaxation of Magnetization, and Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2018 , 57, 6584-6598	5.1	33
8	Hybridization of MOFs and polymers. <i>Chemical Society Reviews</i> , 2017 , 46, 3108-3133	58.5	515
7	Preparation of polythiophene microrods with ordered chain alignment using nanoporous coordination template. <i>Polymer Chemistry</i> , 2017 , 8, 5077-5081	4.9	26
6	Controlled Organization of Anthracene in Porous Coordination Polymers. <i>Chemistry Letters</i> , 2017 , 46, 1705-1707	1.7	9
5	Unraveling Inter- and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. <i>Angewandte Chemie</i> , 2016 , 128, 718-723	3.6	8
4	Unraveling Inter- and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 708-13	16.4	41
3	Nanostructuring of PEDOT in Porous Coordination Polymers for Tunable Porosity and Conductivity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10088-91	16.4	152
2	Confinement of single polysilane chains in coordination nanospaces. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5231-8	16.4	61
1	Controlled assemblies of conjugated polymers in metal-organic frameworks. <i>Polymer Journal</i> ,	2.7	