Takashi Kitao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6891898/publications.pdf

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37	1,920	394286	345118
papers	citations	19 h-index	36 g-index

39	39	39	2894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybridization of MOFs and polymers. Chemical Society Reviews, 2017, 46, 3108-3133.	18.7	708
2	Nanostructuration of PEDOT in Porous Coordination Polymers for Tunable Porosity and Conductivity. Journal of the American Chemical Society, 2016, 138, 10088-10091.	6.6	193
3	Supramolecular Chiral Nanoarchitectonics. Advanced Materials, 2020, 32, e1905657.	11.1	150
4	A phase transformable ultrastable titanium-carboxylate framework for photoconduction. Nature Communications, 2018, 9, 1660.	5.8	128
5	Controlled polymerizations using metalâ€“organic frameworks. Chemical Communications, 2018, 54, 11843-11856.	2.2	81
6	Confinement of Single Polysilane Chains in Coordination Nanospaces. Journal of the American Chemical Society, 2015, 137, 5231-5238.	6.6	70
7	Unraveling Interâ€•and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. Angewandte Chemie - International Edition, 2016, 55, 708-713.	7.2	52
8	Recognition of Polymer Terminus by Metalâ€“Organic Frameworks Enabling Chromatographic Separation of Polymers. Journal of the American Chemical Society, 2020, 142, 3701-3705.	6.6	50
9	Selective sorting of polymers with different terminal groups using metal-organic frameworks. Nature Communications, 2018, 9, 3635.	5.8	44
10	Transcription of Chirality from Metalâ€“Organic Framework to Polythiophene. Journal of the American Chemical Society, 2019, 141, 19565-19569.	6.6	43
11	Formation of coordination polymer glass by mechanical milling: dependence on metal ions and molecular doping for H⁺ conductivity. Chemical Communications, 2018, 54, 6859-6862.	2.2	42
12	Lanthanide-Based Porous Coordination Polymers: Syntheses, Slow Relaxation of Magnetization, and Magnetocaloric Effect. Inorganic Chemistry, 2018, 57, 6584-6598.	1.9	38
13	Scalable and Precise Synthesis of Armchair-Edge Graphene Nanoribbon in Metalâ€“Organic Framework. Journal of the American Chemical Society, 2020, 142, 5509-5514.	6.6	37
14	Preparation of polythiophene microrods with ordered chain alignment using nanoporous coordination template. Polymer Chemistry, 2017, 8, 5077-5081.	1.9	32
15	Confinement of poly(allylamine) in Preyssler-type polyoxometalate and potassium ion framework for enhanced proton conductivity. Communications Chemistry, 2019, 2, .	2.0	31
16	Carbonization of single polyacrylonitrile chains in coordination nanospaces. Chemical Science, 2020, 11, 10844-10849.	3.7	22
17	Oxidative polymerization of terthiophene and a substituted thiophene monomer in metal-organic framework thin films. European Polymer Journal, 2018, 109, 162-168.	2.6	21
18	A fluorescent microporous crystalline dendrimer discriminates vapour molecules. Chemical Communications, 2018, 54, 2534-2537.	2.2	19

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19	Fluorinated porous molecular crystals: vapor-triggered onâ€“off switching of luminescence and porosity. Chemical Communications, 2019, 55, 6487-6490.	2.2	19
20	Hybridization of Synthetic Humins with a Metalâ€“Organic Framework for Precious Metal Recovery and Reuse. ACS Applied Materials & Interfaces, 2021, 13, 60027-60034.	4.0	19
21	Chiral Induction in Buckminsterfullerene Using a Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2021, 60, 17947-17951.	7.2	18
22	Incorporating highly basic polyoxometalate anions comprising Nb or Ta into nanoscale reaction fields of porous ionic crystals. Nanoscale, 2021, 13, 18451-18457.	2.8	17
23	Polymers in Metalâ€“Organic Frameworks: From Nanostructured Chain Assemblies to New Functional Materials. Chemistry Letters, 2020, 49, 624-632.	0.7	15
24	Controlled Organization of Anthracene in Porous Coordination Polymers. Chemistry Letters, 2017, 46, 1705-1707.	0.7	11
25	Selective Formation of End-on Orientation between Polythiophene and Fullerene Mediated by Coordination Nanospaces. Journal of Physical Chemistry C, 2018, 122, 24182-24189.	1.5	11
26	Isostructural mesoporous ionic crystals as a tunable platform for acid catalysis. Dalton Transactions, 2020, 49, 10328-10333.	1.6	7
27	Synthesis of a metalâ€“organic framework by plasma in liquid to increase reduced metal ions and enhance water stability. RSC Advances, 2021, 11, 22756-22760.	1.7	7
28	Chiral Induction in Buckminsterfullerene Using a Metalâ€“Organic Framework. Angewandte Chemie, 2021, 133, 18091-18095.	1.6	7
29	Nanoconfinement of an Otherwise Useless Fluorophore in Metalâ€“Organic Frameworks to Elicit and Tune Emission. Journal of Physical Chemistry C, 2022, 126, 6628-6636.	1.5	5
30	Bioâ€adhesive Nanoporous Module: Toward Autonomous Gating. Angewandte Chemie - International Edition, 2021, 60, 8932-8937.	7.2	4
31	Basicity of isostructural porous ionic crystals composed of Nb/Ta-substituted Keggin-type polyoxotungstates. Dalton Transactions, 2022, 51, 8186-8191.	1.6	4
32	Controlled assemblies of conjugated polymers in metalâ^'organic frameworks. Polymer Journal, 2022, 54, 1045-1053.	1.3	2
33	Nanoarchitectonics: Supramolecular Chiral Nanoarchitectonics (Adv. Mater. 41/2020). Advanced Materials, 2020, 32, 2070310.	11.1	1
34	Titelbild: Bioâ€adhesive Nanoporous Module: Toward Autonomous Gating (Angew. Chem. 16/2021). Angewandte Chemie, 2021, 133, 8641-8641.	1.6	1
35	Bioâ€adhesive Nanoporous Module: Toward Autonomous Gating. Angewandte Chemie, 2021, 133, 9014-9019.	1.6	0
36	(Invited) Nanostructured Conjugated Materials in Metal-Organic Frameworks. ECS Transactions, 2020, 98, 23-28.	0.3	0

#	Article	IF	Citations
37	(Invited) Nanostructured Conjugated Materials in Metal-Organic Frameworks. ECS Meeting Abstracts, 2020, MA2020-02, 2010-2010.	0.0	0