

Takeru Ito

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

387
citations

759233

12
h-index

839539

18
g-index

34
all docs

34
docs citations

34
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyoxomolybdate Layered Crystals Constructed from a Heterocyclic Surfactant: Syntheses, Pseudopolymorphism and Introduction of Metal Cations. <i>Materials</i> , 2022, 15, 2429.	2.9	0
2	Proton conduction in ionic crystals based on polyoxometalates. <i>Coordination Chemistry Reviews</i> , 2022, 462, 214524.	18.8	48
3	Integrating molecular design and crystal engineering approaches in non-humidified intermediate-temperature proton conductors based on a Dawson-type polyoxometalate and poly(ethylene glycol) derivatives. <i>Nanoscale</i> , 2021, 13, 8049-8057.	5.6	21
4	Polyoxovanadate-surfactant hybrid layered crystals toward anhydrous proton conductors. <i>Journal of Molecular Structure</i> , 2021, 1226, 129355.	3.6	3
5	Syntheses and Structures of Keggin-Type Polyoxometalate Crystals Hybridized with a Polymerizable Ionic-Liquid. <i>Transactions of the Materials Research Society of Japan</i> , 2021, 46, 15-18.	0.2	0
6	Synthesis of 4-Selenothreofuranose Derivatives via Pummerer-Type Reactions of <i>trans</i> -3,4-Dioxygenated Tetrahydroselenophenes Mediated by a Selenonium Intermediate. <i>ACS Omega</i> , 2021, 6, 17621-17634.	3.5	2
7	Elucidation of Detailed Pore Structure of (NH ₄) ₄ SiW ₁₂ O ₄₀ Sponge Crystal. <i>Chemistry Letters</i> , 2021, 50, 1736-1739.	1.3	1
8	Porous Layered Inorganic-Organic Hybrid Frameworks Constructed from Polyoxovanadate and Bolaamphiphiles. <i>Crystal Growth and Design</i> , 2021, 21, 7230-7239.	3.0	3
9	Inorganic-organic crystalline synthetic bilayers consisting of polyoxomolybdate and double-chained surfactants. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107933.	3.9	2
10	Conductive Inorganic-Organic Hybrid Layered Crystals Composed of Keggin-Type Polyoxotungstates and a Heterocyclic Surfactant. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 442-447.	2.0	5
11	Dimensional Control in Polyoxometalate Crystals Hybridized with Amphiphilic Polymerizable Ionic Liquids. <i>Materials</i> , 2019, 12, 2283.	2.9	3
12	Controlled introduction of metal cations into polymerizable ionic liquid-polyoxomolybdate hybrid crystals. <i>CrystEngComm</i> , 2019, 21, 629-636.	2.6	8
13	Highly Conductive Polymer Electrolytes Constructed from Polymerizable Ionic-Liquid and Inorganic Cluster. <i>Transactions of the Materials Research Society of Japan</i> , 2019, 44, 101-107.	0.2	3
14	Conductive hybrid crystal composed of polyoxovanadate and deprotonatable ionic-liquid surfactant. <i>Inorganic Chemistry Communication</i> , 2018, 96, 24-29.	3.9	8
15	Conductive Supramolecular Architecture Constructed from Polyoxovanadate Cluster and Heterocyclic Surfactant. <i>Crystals</i> , 2018, 8, 57.	2.2	5
16	Compositional introduction of lithium ions into conductive polyoxovanadate-surfactant hybrid crystals. <i>CrystEngComm</i> , 2017, 19, 3037-3043.	2.6	4
17	Polymerizable Ionic Liquid Crystals Comprising Polyoxometalate Clusters toward Inorganic-Organic Hybrid Solid Electrolytes. <i>Polymers</i> , 2017, 9, 290.	4.5	17
18	Inorganic-Organic Hybrid Surfactant Crystals: Structural Aspects and Functions. <i>Crystals</i> , 2016, 6, 24.	2.2	24

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19	Conductive Hybrid Crystal Composed from Polyoxomolybdate and Deprotonatable Ionic-Liquid Surfactant. <i>International Journal of Molecular Sciences</i> , 2016, 17, 994.	4.1	12
20	Isomerization-induced introduction of metal cations into polyoxomolybdate-surfactant hybrid crystals. <i>Inorganic Chemistry Communication</i> , 2016, 73, 45-48.	3.9	7
21	Layered and molecular-structural control in polyoxomolybdate hybrid crystals by surfactant chain length. <i>Journal of Molecular Structure</i> , 2016, 1106, 220-226.	3.6	7
22	Decisive Interactions between the Heterocyclic Moiety and the Cluster Observed in Polyoxometalate-Surfactant Hybrid Crystals. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8505-8516.	4.1	6
23	Structural Variation in Polyoxomolybdate Hybrid Crystals Comprising Ionic-Liquid Surfactants. <i>Crystals</i> , 2014, 4, 42-52.	2.2	11
24	Hybrid Layered Crystal Comprising Polyoxometalate and Surfactant Synthesized from Reduced Mo-Blue Species. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	5
25	Polyoxomolybdate-“Surfactant Layered Crystals Derived from Long-tailed Alkylamine and Ionic Liquid. <i>Chemistry Letters</i> , 2013, 42, 1400-1402.	1.3	9
26	Polyoxovanadate-“Surfactant Hybrid Layered Crystal Containing One-Dimensional Hydrogen-Bonded Cluster Chain. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 1222-1224.	3.2	17
27	Polyoxotungstate-Surfactant Layered Crystal toward Conductive Inorganic-Organic Hybrid. <i>Crystals</i> , 2012, 2, 362-373.	2.2	14
28	Polyoxomolybdate-“Surfactant Hybrid Layered Crystal with Unusually Long Periodicity. <i>Chemistry Letters</i> , 2011, 40, 626-628.	1.3	10
29	Hybrid Inorganic-“Organic Crystals Composed of Octamolybdate Isomers and Pyridinium Surfactant. <i>Chemistry Letters</i> , 2010, 39, 1323-1325.	1.3	17
30	Controllable Layered Structures in Polyoxomolybdate-Surfactant Hybrid Crystals. <i>Materials</i> , 2010, 3, 158-164.	2.9	15
31	Investigation of Intermediates Involved in the Photochemical Formation of Mo-Blue Nanoring by Capillary Electrophoresis-“Mass Spectrometry. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5205-5210.	2.0	18
32	Inorganic-“Organic Hybrid Layered Crystal Composed of Polyoxomolybdate and Surfactant with π Electrons. <i>Chemistry Letters</i> , 2009, 38, 370-371.	1.3	12
33	Langmuir-Blodgett Films of a Mo-Blue Nanoring [Mo ₁₄₂ O ₄₂₉ H ₁₀ (H ₂ O) ₄₉ (CH ₃ CO ₂) ₅ (CH ₃ CH ₂ CO ₂) ₃₀ -(Mo ₁₄₂)] by the Semiamphiphilic Method. <i>Langmuir</i> , 2007, 23, 4042-4047.	3.5	22
34	Crystal Structure of Bis(dimethyldioctadecylammonium) Hexamolybdate: a Molecular Model of Langmuir-Blodgett Films. <i>Chemistry Letters</i> , 2003, 32, 938-939.	1.3	48