

Takeru Ito

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Crystal Structure of Bis(dimethyldioctadecylammonium) Hexamolybdate: a Molecular Model of Langmuir-Blodgett Films. <i>Chemistry Letters</i> , 2003, 32, 938-939. | 1.3 | 48 |
| 2 | Proton conduction in ionic crystals based on polyoxometalates. <i>Coordination Chemistry Reviews</i> , 2022, 462, 214524. | 18.8 | 48 |
| 3 | Inorganic-Organic Hybrid Surfactant Crystals: Structural Aspects and Functions. <i>Crystals</i> , 2016, 6, 24. | 2.2 | 24 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Hybrid Inorganic-Organic Crystals Composed of Octamolybdate Isomers and Pyridinium Surfactant. <i>Chemistry Letters</i> , 2010, 39, 1323-1325. | 1.3 | 17 |
| 8 | 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 |
| 9 | Polymerizable Ionic Liquid Crystals Comprising Polyoxometalate Clusters toward Inorganic-Organic Hybrid Solid Electrolytes. <i>Polymers</i> , 2017, 9, 290. | 4.5 | 17 |
| 10 | Controllable Layered Structures in Polyoxomolybdate-Surfactant Hybrid Crystals. <i>Materials</i> , 2010, 3, 158-164. | 2.9 | 15 |
| 11 | Polyoxotungstate-Surfactant Layered Crystal toward Conductive Inorganic-Organic Hybrid. <i>Crystals</i> , 2012, 2, 362-373. | 2.2 | 14 |
| 12 | Inorganic-Organic Hybrid Layered Crystal Composed of Polyoxomolybdate and Surfactant with π Electrons. <i>Chemistry Letters</i> , 2009, 38, 370-371. | 1.3 | 12 |
| 13 | Conductive Hybrid Crystal Composed from Polyoxomolybdate and Deprotonatable Ionic-Liquid Surfactant. <i>International Journal of Molecular Sciences</i> , 2016, 17, 994. | 4.1 | 12 |
| 14 | Structural Variation in Polyoxomolybdate Hybrid Crystals Comprising Ionic-Liquid Surfactants. <i>Crystals</i> , 2014, 4, 42-52. | 2.2 | 11 |
| 15 | Polyoxomolybdate-Surfactant Hybrid Layered Crystal with Unusually Long Periodicity. <i>Chemistry Letters</i> , 2011, 40, 626-628. | 1.3 | 10 |
| 16 | Polyoxomolybdate-Surfactant Layered Crystals Derived from Long-tailed Alkylamine and Ionic Liquid. <i>Chemistry Letters</i> , 2013, 42, 1400-1402. | 1.3 | 9 |
| 17 | Conductive hybrid crystal composed of polyoxovanadate and deprotonatable ionic-liquid surfactant. <i>Inorganic Chemistry Communication</i> , 2018, 96, 24-29. | 3.9 | 8 |
| 18 | Controlled introduction of metal cations into polymerizable ionic liquid-polyoxomolybdate hybrid crystals. <i>CrystEngComm</i> , 2019, 21, 629-636. | 2.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Isomerization-induced introduction of metal cations into polyoxomolybdate-surfactant hybrid crystals. <i>Inorganic Chemistry Communication</i> , 2016, 73, 45-48. | 3.9 | 7 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Conductive Supramolecular Architecture Constructed from Polyoxovanadate Cluster and Heterocyclic Surfactant. <i>Crystals</i> , 2018, 8, 57. | 2.2 | 5 |
| 24 | 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 |
| 25 | Compositional introduction of lithium ions into conductive polyoxovanadate-surfactant hybrid crystals. <i>CrystEngComm</i> , 2017, 19, 3037-3043. | 2.6 | 4 |
| 26 | Dimensional Control in Polyoxometalate Crystals Hybridized with Amphiphilic Polymerizable Ionic Liquids. <i>Materials</i> , 2019, 12, 2283. | 2.9 | 3 |
| 27 | Polyoxovanadate-surfactant hybrid layered crystals toward anhydrous proton conductors. <i>Journal of Molecular Structure</i> , 2021, 1226, 129355. | 3.6 | 3 |
| 28 | 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 |
| 29 | Porous Layered Inorganic-Organic Hybrid Frameworks Constructed from Polyoxovanadate and Bolaamphiphiles. <i>Crystal Growth and Design</i> , 2021, 21, 7230-7239. | 3.0 | 3 |
| 30 | Inorganic-organic crystalline synthetic bilayers consisting of polyoxomolybdate and double-chained surfactants. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107933. | 3.9 | 2 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Polyoxomolybdate Layered Crystals Constructed from a Heterocyclic Surfactant: Syntheses, Pseudopolymorphism and Introduction of Metal Cations. <i>Materials</i> , 2022, 15, 2429. | 2.9 | 0 |