

High Proton Conduction at above 100 °C Mediated by Metal-Organic Framework

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Citation Report

#	ARTICLE	IF	CITATIONS
10	Proton-Conducting Magnetic Coordination Polymers. Chemistry - A European Journal, 2015, 21, 13793-13801.	3.3	38
11	Recent Developments on Alternative Proton Exchange Membranes: Strategies for Systematic Performance Improvement. Energy Technology, 2015, 3, 675-691.	3.8	80
12	Lithium-Assisted Proton Conduction at 150 Å°C in a Microporous Triazine-Phenol Polymer. Advanced Materials Interfaces, 2015, 2, 1500301.	3.7	11
13	A terbium metal-organic framework with stable luminescent emission in a wide pH range that acts as a quantitative detection material for nitroaromatics. RSC Advances, 2015, 5, 48574-48579.	3.6	41
14	Lanthanide metal-organic frameworks containing a novel flexible ligand for luminescence sensing of small organic molecules and selective adsorption. Journal of Materials Chemistry A, 2015, 3, 12777-12785.	10.3	171
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16	Dielectric response and anhydrous proton conductivity in a chiral framework containing a non-polar molecular rotor. Dalton Transactions, 2015, 44, 20822-20825.	3.3	9
17	High Anhydrous Proton Conductivity of Imidazole-Loaded Mesoporous Polyimides over a Wide Range from Subzero to Moderate Temperature. Journal of the American Chemical Society, 2015, 137, 913-918.	13.7	238
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25	Unravelling the Proton Conduction Mechanism from Room Temperature to 553 K in a 3D Inorganic Coordination Framework. Inorganic Chemistry, 2015, 54, 10023-10029.	4.0	16
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29	A Metal-Organic Framework/DNA Hybrid System as a Novel Fluorescent Biosensor for Mercury(II) Ion Detection. Chemistry - A European Journal, 2016, 22, 477-480.	3.3	155
30	Tuning Proton Conductivity by Interstitial Guest Change in Size-Adjustable Nanopores of a Cu ^I -MOF: A Potential Platform for Versatile Proton Carriers. Chemistry - A European Journal, 2016, 22, 16277-16285.	3.3	33
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47	Crystal structure of a mixed-ligand terbium(III) coordination polymer containing oxalate and formate ligands, having a three-dimensional fcu topology. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 87-91.	0.5	8
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55	Tunable white-light emission PMMA-supported film materials containing lanthanide coordination polymers: preparation, characterization, and properties. <i>Dalton Transactions</i> , 2017, 46, 4265-4277.	3.3	52
56	Unique Proton Dynamics in an Efficient MOF-Based Proton Conductor. <i>Journal of the American Chemical Society</i> , 2017, 139, 3505-3512.	13.7	283
57	Channel-Assisted Proton Conduction Behavior in Hydroxyl-Rich Lanthanide-Based Magnetic Metal- π -Organic Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 4956-4965.	4.0	73
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115	Metallo Hydrogen-Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for Protonic Conduction. <i>Chemistry - A European Journal</i> , 2019, 25, 1691-1695.	3.3	92
116	Remarkable Enhancement of Proton Conductivity by Introducing Imidazole into MOFs and Forming Composite Membranes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 794-799.	2.0	14
117	Proton conductive carboxylate-based metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2020, 403, 213100.	18.8	222

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126	Luminescent lanthanide metal-organic framework nanoprobe: from fundamentals to bioapplications. <i>Nanoscale</i> , 2020, 12, 15021-15035.	5.6	65
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134	Supramolecular Non-Helical One-Dimensional Channels and Microtubes Assembled from Enantiomers of Difluorene. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3979-3983.	13.8	3
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140	A Tellurium-Substituted Heteropolyniobate with Unique π - π Stacking and Ionic Conduction Property. <i>Inorganic Chemistry</i> , 2021, 60, 6162-6166.	4.0	6
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144	Real-time and visual sensing devices based on pH-control assembled lanthanide-barium nano-cluster. <i>Journal of Hazardous Materials</i> , 2021, 413, 125291.	12.4	23
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151	Water-Free Proton Conduction in Discotic Pyridylpyrazolate-based Pt(II) and Pd(II) Metallomesogens. <i>Inorganic Chemistry</i> , 2016, 55, 6995-7002.	4.0	15
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