

Tomohiro Fukushima

List of Publications by Year in descending order

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33
papers

2,840
citations

304368

22
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

4328
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique Electronic Excitations at Highly Localized Plasmonic Field. <i>Accounts of Chemical Research</i> , 2022, 55, 809-818.	7.6	6
2	Rapid detection of donor-dependent photocatalytic hydrogen evolution by NMR spectroscopy. <i>RSC Advances</i> , 2022, 12, 12967-12970.	1.7	0
3	Inherent Promotion of Ionic Conductivity via Collective Vibrational Strong Coupling of Water with the Vacuum Electromagnetic Field. <i>Journal of the American Chemical Society</i> , 2022, 144, 12177-12183.	6.6	21
4	Vibrational Coupling of Water from Weak to Ultrastrong Coupling Regime via Cavity Mode Tuning. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25832-25840.	1.5	12
5	Modulation of Graphene/Au(111) Interaction by Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of Physics: Conference Series</i> , 2019, 1220, 012016.	0.3	2
6	Revealing High Oxygen Evolution Catalytic Activity of Fluorine-Doped Carbon in Alkaline Media. <i>Materials</i> , 2019, 12, 211.	1.3	7
7	Molecularly defined graphitic interface toward proton manipulation. <i>Current Opinion in Electrochemistry</i> , 2019, 17, 158-166.	2.5	2
8	Photoredox Fischer Indole Synthesis. <i>Synthesis</i> , 2019, 51, 3214-3220.	1.2	11
9	Late-Stage Functionalization of Arylacetic Acids by Photoredox-Catalyzed Decarboxylative Carbon-Heteroatom Bond Formation. <i>Chemistry - A European Journal</i> , 2018, 24, 9254-9258.	1.7	33
10	Minor Impact of Ligand Shell Steric Profile on Colloidal Nanocarbon Catalysis. <i>Chemistry of Materials</i> , 2017, 29, 495-498.	3.2	7
11	Synthesis, Structure, and Electrochemical Property of a Bimetallic Bis-2-pyridylidene Palladium Acetate Complex. <i>Chemistry Letters</i> , 2017, 46, 587-590.	0.7	13
12	Catalytic Dehydrogenative C-H Imidation of Arenes Enabled by Photo-generated Hole Donation to Sulfonimide. <i>Chem</i> , 2017, 2, 383-392.	5.8	86
13	Polymorphism of [6]Cycloparaphenylene for Packing Structure-dependent Host-Guest Interaction. <i>Chemistry Letters</i> , 2017, 46, 855-857.	0.7	26
14	Landscape of Research Areas for Zeolites and Metal-Organic Frameworks Using Computational Classification Based on Citation Networks. <i>Materials</i> , 2017, 10, 1428.	1.3	19
15	Electrochemical oxygen reduction catalysed by Ni ₃ (hexaiminotriphenylene) ₂ . <i>Nature Communications</i> , 2016, 7, 10942.	5.8	577
16	Control of Molecular Rotor Rotational Frequencies in Porous Coordination Polymers Using a Solid-Solution Approach. <i>Journal of the American Chemical Society</i> , 2015, 137, 12183-12186.	6.6	78
17	Graphite-Conjugated Pyrazines as Molecularly Tunable Heterogeneous Electrocatalysts. <i>Journal of the American Chemical Society</i> , 2015, 137, 10926-10929.	6.6	95
18	Synthesis and Porous Properties of Chromium Azolate Porous Coordination Polymers. <i>Inorganic Chemistry</i> , 2014, 53, 9870-9875.	1.9	23

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19	High CO ₂ /CH ₄ and C ₂ Hydrocarbons/CH ₄ Selectivity in a Chemically Robust Porous Coordination Polymer. <i>Advanced Functional Materials</i> , 2013, 23, 3525-3530.	7.8	182
20	Highly Selective CO ₂ Adsorption Accompanied with Low-Energy Regeneration in a Two-Dimensional Cu(II) Porous Coordination Polymer with Inorganic Fluorinated PF ₆ ⁻ Anions. <i>Inorganic Chemistry</i> , 2013, 52, 280-285.	1.9	67
21	Postsynthesis Modification of a Porous Coordination Polymer by LiCl To Enhance H ⁺ Transport. <i>Journal of the American Chemical Society</i> , 2013, 135, 4612-4615.	6.6	75
22	Pore Design of Two-Dimensional Coordination Polymers toward Selective Adsorption. <i>Inorganic Chemistry</i> , 2013, 52, 3634-3642.	1.9	89
23	Programmed crystallization via epitaxial growth and ligand replacement towards hybridizing porous coordination polymer crystals. <i>Dalton Transactions</i> , 2013, 42, 15868.	1.6	27
24	Dense Coordination Network Capable of Selective CO ₂ Capture from C ₁ and C ₂ Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2012, 134, 9852-9855.	6.6	82
25	A Soft Copper(II) Porous Coordination Polymer with Unprecedented Aqua Bridge and Selective Adsorption Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 13117-13125.	1.7	69
26	Ligand-based solid solution approach to stabilisation of sulphonic acid groups in porous coordination polymer Zr ₆ O ₄ (OH) ₄ (BDC) ₆ (UiO-66). <i>Dalton Transactions</i> , 2012, 41, 13791.	1.6	170
27	Guest-to-Host Transmission of Structural Changes for Stimuli-Responsive Adsorption Property. <i>Journal of the American Chemical Society</i> , 2012, 134, 4501-4504.	6.6	326
28	A solid solution approach to 2D coordination polymers for CH ₄ /CO ₂ and CH ₄ /C ₂ H ₆ gas separation: equilibrium and kinetic studies. <i>Chemical Science</i> , 2012, 3, 116-120.	3.7	148
29	Modular Design of Domain Assembly in Porous Coordination Polymer Crystals via Reactivity-Directed Crystallization Process. <i>Journal of the American Chemical Society</i> , 2012, 134, 13341-13347.	6.6	105
30	Design of Flexible Lewis Acidic Sites in Porous Coordination Polymers by using the Viologen Moiety. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8369-8372.	7.2	74
31	Incarceration of Nanosized Silica into Porous Coordination Polymers: Preparation, Characterization, and Adsorption Property. <i>Chemistry of Materials</i> , 2011, 23, 1736-1741.	3.2	28
32	Solid Solutions of Soft Porous Coordination Polymers: Fine-Tuning of Gas Adsorption Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4820-4824.	7.2	291
33	Modification of flexible part in Cu ²⁺ interdigitated framework for CH ₄ /CO ₂ separation. <i>Chemical Communications</i> , 2010, 46, 9229.	2.2	86