

# Manabu Ishizaki

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55  
papers

694  
citations

12  
h-index

24  
g-index

58  
ext. papers

828  
ext. citations

4.7  
avg, IF

3.54  
L-index

#	Paper	IF	Citations
55	Solution-Processed Chemically Non-Destructive Filter Transfer of Carbon-Nanotube Thin Films onto Arbitrary Materials (Adv. Mater. Interfaces 22/2021). <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2170130	4.6	
54	Solution-Processed Chemically Non-Destructive Filter Transfer of Carbon-Nanotube Thin Films onto Arbitrary Materials. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100953	4.6	0
53	Structural analyses of Gd <sub>3</sub> (Al,Ga) <sub>5</sub> O <sub>12</sub> garnet solid solutions via X-ray and UV absorption spectroscopy experiments for Gd atoms. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 867, 159055	5.7	1
52	Oxygen vacancy mediated room-temperature ferromagnetism and band gap narrowing in DyFeCrO nanoparticles. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9519-9528	4.3	0
51	Concisely Synthesized FeNiWO <sub>x</sub> Film as a Highly Efficient and Robust Catalyst for Electrochemical Water Oxidation. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 1410-1420	6.1	7
50	Local structure analysis of Sb, Bi, and Ag dopant atoms in Mg <sub>2</sub> Si semiconductor by x-ray absorption spectroscopy and first-principles calculation. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 245105	2.5	0
49	Visible multi-color electrochromism by tailor-made color mixing at one electrode. <i>Japanese Journal of Applied Physics</i> , <b>2020</b> , 59, 091006	1.4	
48	Ion transportation by Prussian blue nanoparticles embedded in a giant liposome. <i>Chemical Communications</i> , <b>2020</b> , 56, 1046-1049	5.8	2
47	H <sub>2</sub> O <sub>2</sub> -sensing abilities of mixed-metal (Fe-Ni) Prussian blue analogs in a wide pH range. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119314	2.7	6
46	Preparation of Co-Fe oxides immobilized on carbon paper using water-dispersible Prussian-blue analog nanoparticles and their oxygen evolution reaction (OER) catalytic activities. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119345	2.7	11
45	Histidine Decorated Nanoparticles of CdS for Highly Efficient H <sub>2</sub> Production via Water Splitting. <i>Energies</i> , <b>2020</b> , 13, 3738	3.1	2
44	Formation of Perpendicularly Aligned Sub-10 nm Nanocylinders in Poly(N-dodecylacrylamide-b-ethylene glycol) Block Copolymer Films by Hierarchical Phase Separation. <i>Macromolecules</i> , <b>2020</b> , 53, 9601-9610	5.5	1
43	FeNi-Layered Double-Hydroxide Nanoflakes with Potential for Intrinsically High Water-Oxidation Catalytic Activity. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 9040-9050	6.1	6
42	Adsorption of Polar Volatile Organic Compounds by a Crystalline Network Structure Based on a Bis(benzimidazole)NiCl <sub>2</sub> Complex. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4046-4053	3.5	4
41	Redox-coupled alkali-metal ion transport mechanism in binder-free films of Prussian blue nanoparticles. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 4777-4787	13	28
40	Characterization and Mechanism of Efficient Visible-Light-Driven Water Oxidation on an in Situ N <sub>2</sub> -Intercalated WO <sub>3</sub> Nanorod Photoanode. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17896-17906	8.3	7
39	Interpretation of the Role of Composition on the Inclusion Efficiency of Monovalent Cations into Cobalt Hexacyanoferrate. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5950-5958	4.8	4

38	Local environment of W and Mo atoms in $\text{CaW}_{1-x}\text{Mo}_x\text{O}_4$ ( $x = 0.12$ ) solid solution studied by X-ray structural analyzes. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, 120602	1.4	2
37	Wisely Designed Phthalocyanine Derivative for Convenient Molecular Fabrication on a Substrate. <i>Langmuir</i> , <b>2018</b> , 34, 1321-1326	4	2
36	Effects of the variation of metal substitution and electrolyte on the electrochemical reaction of metal hexacyanoferrates.. <i>RSC Advances</i> , <b>2018</b> , 8, 37356-37364	3.7	10
35	Unveiling Cs-adsorption mechanism of Prussian blue analogs: Cs-percolation vacancies to complete dehydrated state.. <i>RSC Advances</i> , <b>2018</b> , 8, 34808-34816	3.7	38
34	Ferrihydrite Particle Encapsulated within a Molecular Organic Cage. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17753-17759	16.4	32
33	Electrochemical Charge Storage Using Layer-by-Layer Deposited Film Composed of Redox Polymer and Inorganic Nanoparticle. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , <b>2018</b> , 31, 349-352	0.7	1
32	Improvement of the Heat Resistance of Prussian Blue Nanoparticles in a Clay Film Composed of Smectite Clay and $\epsilon$ -Caprolactam. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6214-6217	5.1	2
31	Trace Alcohol Adsorption by Metal Hexacyanocobaltate Nanoparticles and the Adsorption Mechanism. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 11918-11925	3.8	7
30	Grain-Boundary-Free Super-Proton Conduction of a Solution-Processed Prussian-Blue Nanoparticle Film. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 5623-5627	3.6	15
29	Grain-Boundary-Free Super-Proton Conduction of a Solution-Processed Prussian-Blue Nanoparticle Film. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5531-5535	16.4	41
28	Energy location of $\text{Ce}^{3+}$ 4f level and majority carrier type in $\text{Gd}_3\text{Al}_2\text{Ga}_3\text{O}_{12}:\text{Ce}$ crystals studied by surface photovoltage spectroscopy. <i>Applied Physics Letters</i> , <b>2017</b> , 110, 251101	3.4	7
27	Fine-Tunable Electronic Energy Levels of Mixed-Metal Prussian-Blue Alloy Nanoparticles. <i>ChemNanoMat</i> , <b>2017</b> , 3, 288-291	3.5	6
26	Stepwise fabrication of donor/acceptor thin films with a charge-transfer molecular wire motif. <i>Chemical Communications</i> , <b>2016</b> , 52, 13983-13986	5.8	11
25	Cesium adsorption ability and stability of metal hexacyanoferrates irradiated with gamma rays. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2015</b> , 303, 1543-1547	1.5	12
24	Column study on electrochemical separation of cesium ions from wastewater using copper hexacyanoferrate film. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2015</b> , 303, 1491-1495	1.5	15
23	Sequential Structural Control of Open-Framework Nanoparticles Both in Dispersion and in Film for Electrochemical Performance Tuning. <i>Bulletin of the Chemical Society of Japan</i> , <b>2015</b> , 88, 1561-1566	5.1	2
22	A low-temperature sintered heterostructure solid film of coordination polymer nanoparticles: an electron-rectifier function based on partially oxidised/reduced conductor phases of Prussian blue. <i>RSC Advances</i> , <b>2015</b> , 5, 96297-96304	3.7	10
21	Low-temperature crystal growth of aluminium-doped zinc oxide nanoparticles in a melted viscous liquid of alkylammonium nitrates for fabrication of their transparent crystal films. <i>CrystEngComm</i> , <b>2014</b> , 16, 10539-10546	3.3	4

20	Spontaneous Construction of Nanoneedles Using Ruthenium Complex-conjugated Porphyrins on Substrates. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1201-1203	1.7	6
19	SWNT Composites with Compositionally Tunable Prussian Blue Nanoparticles for Thermoelectric Coordination Programming Materials. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1254-1256	1.7	6
18	Plasmon-assisted photocurrent generation from silver nanoparticle monolayers combined with porphyrins via their different chain-length alkylcarboxylates. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 4090-6	1.3	4
17	Synthesis of water-dispersible silver nanoparticles by thermal decomposition of water-soluble silver oxalate precursors. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 6022-7	1.3	11
16	Thermodynamics and mechanism studies on electrochemical removal of cesium ions from aqueous solution using a nanoparticle film of copper hexacyanoferrate. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 12984-90	9.5	52
15	Growth of Pt Subnano Clusters on Limited Surface Areas of Prussian Blue Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2013</b> , 23, 216-222	3.2	3
14	Molecular nanostamp based on one-dimensional porphyrin polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 6879-85	9.5	12
13	Suitable Location to Control Electron Transfer and Gap-mode Plasmon Interactions: Photocurrent Generation from Silver Nanoparticle Porphyrin Composite Layers. <i>Chemistry Letters</i> , <b>2013</b> , 42, 669-671	1.7	3
12	Preparation of electrochromic Prussian blue nanoparticles dispersible into various solvents for realisation of printed electronics. <i>Green Chemistry</i> , <b>2012</b> , 14, 1537	10	48
11	Largely enhanced photocurrent via gap-mode plasmon resonance by a nanocomposite layer of silver nanoparticles and porphyrin derivatives fabricated on an electrode. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 063103	3.4	9
10	Observation of Oriented Molecular Assemblies on ITO Surfaces Using Porphyrin Derivatives Bearing Carboxyl Groups and Their Electrochemical Responses. <i>Electrochemistry</i> , <b>2012</b> , 80, 504-506	1.2	1
9	Oxidization Process of Fe <sub>3</sub> Ni Mixed Prussian Blue Analogue Investigated by Valence-Differential Spectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 032401	1.4	2
8	Synthesis of Water-Dispersible Copper Hexacyanoferrate Nanoparticles and Electrochromism of the Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 539, 18/[358]-22/[362]	0.5	8
7	Oxidization Process of Fe <sub>3</sub> Ni Mixed Prussian Blue Analogue Investigated by Valence-Differential Spectroscopy. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 032401	1.4	1
6	Systematic Bathochromic Shift of Charge-transfer Bands of Mixed-metal Prussian-blue Nanoparticles Depending on Their Composition Ratios of Fe and Ni. <i>Chemistry Letters</i> , <b>2010</b> , 39, 762-763 <sup>1.7</sup>	1.7	15
5	Dispersion Control of Surface-charged Prussian Blue Nanoparticles into Greener Solvents. <i>Chemistry Letters</i> , <b>2010</b> , 39, 138-139	1.7	9
4	Preparation of Yellow Core Blue Shell Coordination Polymer Nanoparticles Using Active Surface Coordination Sites on a Prussian-blue Analog. <i>Chemistry Letters</i> , <b>2009</b> , 38, 1058-1059	1.7	12
3	Electrochromic Thin Film Fabricated Using a Water-Dispersible Ink of Prussian Blue Nanoparticles. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 1242-1244	1.4	35

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| 2 | Simple synthesis of three primary colour nanoparticle inks of Prussian blue and its analogues. <i>Nanotechnology</i> , <b>2007</b> , 18, 345609                                       | 3-4  | 139 |
| 1 | Electrocatalytic water splitting with unprecedentedly low overpotentials by nickel sulfide nanowires stuffed into carbon nitride scabbards. <i>Energy and Environmental Science</i> , | 35-4 | 22  |