Manabu Ishizaki

List of Publications by Citations

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	Simple synthesis of three primary colour nanoparticle inks of Prussian blue and its analogues. *Nanotechnology*, **2007**, 18, 345609	3.4	139
54	Thermodynamics and mechanism studies on electrochemical removal of cesium ions from aqueous solution using a nanoparticle film of copper hexacyanoferrate. *ACS Applied Materials & Interfaces*, **2013**, 5, 12984-90	9.5	52
53	Preparation of electrochromic Prussian blue nanoparticles dispersible into various solvents for realisation of printed electronics. *Green Chemistry*, **2012**, 14, 1537	10	48
52	Grain-Boundary-Free Super-Proton Conduction of a Solution-Processed Prussian-Blue Nanoparticle Film. *Angewandte Chemie - International Edition*, **2017**, 56, 5531-5535	16.4	41
51	Unveiling Cs-adsorption mechanism of Prussian blue analogs: Cs-percolation vacancies to complete dehydrated state.. *RSC Advances*, **2018**, 8, 34808-34816	3.7	38
50	Electrochromic Thin Film Fabricated Using a Water-Dispersible Ink of Prussian Blue Nanoparticles. *Japanese Journal of Applied Physics*, **2008**, 47, 1242-1244	1.4	35
49	Ferrihydrite Particle Encapsulated within a Molecular Organic Cage. *Journal of the American Chemical Society*, **2018**, 140, 17753-17759	16.4	32
48	Redox-coupled alkali-metal ion transport mechanism in binder-free films of Prussian blue nanoparticles. *Journal of Materials Chemistry A*, **2019**, 7, 4777-4787	13	28
47	Electrocatalytic water splitting with unprecedentedly low overpotentials by nickel sulfide nanowires stuffed into carbon nitride scabbards. *Energy and Environmental Science*,	35.4	22
46	Grain-Boundary-Free Super-Proton Conduction of a Solution-Processed Prussian-Blue Nanoparticle Film. *Angewandte Chemie*, **2017**, 129, 5623-5627	3.6	15
45	Column study on electrochemical separation of cesium ions from wastewater using copper hexacyanoferrate film. *Journal of Radioanalytical and Nuclear Chemistry*, **2015**, 303, 1491-1495	1.5	15
44	Systematic Bathochromic Shift of Charge-transfer Bands of Mixed-metal Prussian-blue Nanoparticles Depending on Their Composition Ratios of Fe and Ni. *Chemistry Letters*, **2010**, 39, 762-763	1.7	15
43	Cesium adsorption ability and stability of metal hexacyanoferrates irradiated with gamma rays. *Journal of Radioanalytical and Nuclear Chemistry*, **2015**, 303, 1543-1547	1.5	12
42	Molecular nanostamp based on one-dimensional porphyrin polymers. *ACS Applied Materials & Interfaces*, **2013**, 5, 6879-85	9.5	12
41	Preparation of Yellow CoreBlue Shell Coordination Polymer Nanoparticles Using Active Surface Coordination Sites on a Prussian-blue Analog. *Chemistry Letters*, **2009**, 38, 1058-1059	1.7	12
40	Stepwise fabrication of donor/acceptor thin films with a charge-transfer molecular wire motif. *Chemical Communications*, **2016**, 52, 13983-13986	5.8	11
39	Synthesis of water-dispersible silver nanoparticles by thermal decomposition of water-soluble silver oxalate precursors. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 6022-7	1.3	11

38	Preparation of Co-Fe oxides immobilized on carbon paper using water-dispersible Prussian-blue analog nanoparticles and their oxygen evolution reaction (OER) catalytic activities. *Inorganica Chimica Acta*, **2020**, 502, 119345	2.7	11
37	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. *RSC Advances*, **2015**, 5, 96297-96304	3.7	10
36	Effects of the variation of metal substitution and electrolyte on the electrochemical reaction of metal hexacyanoferrates.. *RSC Advances*, **2018**, 8, 37356-37364	3.7	10
35	Largely enhanced photocurrent via gap-mode plasmon resonance by a nanocomposite layer of silver nanoparticles and porphyrin derivatives fabricated on an electrode. *Applied Physics Letters*, **2012**, 101, 063103	3.4	9
34	Dispersion Control of Surface-charged Prussian Blue Nanoparticles into Greener Solvents. *Chemistry Letters*, **2010**, 39, 138-139	1.7	9
33	Synthesis of Water-Dispersible Copper Hexacyanoferrate Nanoparticles and Electrochromism of the Thin Films. *Molecular Crystals and Liquid Crystals*, **2011**, 539, 18/[358]-22/[362]	0.5	8
32	Energy location of Ce3+ 4f level and majority carrier type in Gd3Al2Ga3O12:Ce crystals studied by surface photovoltage spectroscopy. *Applied Physics Letters*, **2017**, 110, 251101	3.4	7
31	Characterization and Mechanism of Efficient Visible-Light-Driven Water Oxidation on an in Situ N2-Intercalated WO3 Nanorod Photoanode. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17896-17906	8.3	7
30	Concisely Synthesized FeNiWOx Film as a Highly Efficient and Robust Catalyst for Electrochemical Water Oxidation. *ACS Applied Energy Materials*, **2021**, 4, 1410-1420	6.1	7
29	Trace Alcohol Adsorption by Metal Hexacyanocobaltate Nanoparticles and the Adsorption Mechanism. *Journal of Physical Chemistry C*, **2018**, 122, 11918-11925	3.8	7
28	Fine-Tunable Electronic Energy Levels of Mixed-Metal Prussian-Blue Alloy Nanoparticles. *ChemNanoMat*, **2017**, 3, 288-291	3.5	6
27	Spontaneous Construction of Nanoneedles Using Ruthenium Complex-conjugated Porphyrins on Substrates. *Chemistry Letters*, **2014**, 43, 1201-1203	1.7	6
26	SWNT Composites with Compositionally Tunable Prussian Blue Nanoparticles for Thermoelectric Coordination Programming Materials. *Chemistry Letters*, **2014**, 43, 1254-1256	1.7	6
25	H2O2-sensing abilities of mixed-metal (Fe-Ni) Prussian blue analogs in a wide pH range. *Inorganica Chimica Acta*, **2020**, 502, 119314	2.7	6
24	FeNi-Layered Double-Hydroxide Nanoflakes with Potential for Intrinsically High Water-Oxidation Catalytic Activity. *ACS Applied Energy Materials*, **2020**, 3, 9040-9050	6.1	6
23	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. *CrystEngComm*, **2014**, 16, 10539-10546	3.3	4
22	Plasmon-assisted photocurrent generation from silver nanoparticle monolayers combined with porphyrins via their different chain-length alkylcarboxylates. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 4090-6	1.3	4
21	Interpretation of the Role of Composition on the Inclusion Efficiency of Monovalent Cations into Cobalt Hexacyanoferrate. *Chemistry - A European Journal*, **2019**, 25, 5950-5958	4.8	4

20	Adsorption of Polar Volatile Organic Compounds by a Crystalline Network Structure Based on a Bis(benzimidazole)NiCl2 Complex. *Crystal Growth and Design*, **2020**, 20, 4046-4053	3.5	4
19	Growth of Pt Subnano Clusters on Limited Surface Areas of Prussian Blue Nanoparticles. *Journal of Inorganic and Organometallic Polymers and Materials*, **2013**, 23, 216-222	3.2	3
18	Suitable Location to Control Electron Transfer and Gap-mode Plasmon Interactions: Photocurrent Generation from Silver NanoparticlePorphyrin Composite Layers. *Chemistry Letters*, **2013**, 42, 669-671	1.7	3
17	Wisely Designed Phthalocyanine Derivative for Convenient Molecular Fabrication on a Substrate. *Langmuir*, **2018**, 34, 1321-1326	4	2
16	Sequential Structural Control of Open-Framework Nanoparticles Both in Dispersion and in Film for Electrochemical Performance Tuning. *Bulletin of the Chemical Society of Japan*, **2015**, 88, 1561-1566	5.1	2
15	Oxidization Process of FeNi Mixed Prussian Blue Analogue Investigated by Valence-Differential Spectroscopy. *Japanese Journal of Applied Physics*, **2011**, 50, 032401	1.4	2
14	Ion transportation by Prussian blue nanoparticles embedded in a giant liposome. *Chemical Communications*, **2020**, 56, 1046-1049	5.8	2
13	Histidine Decorated Nanoparticles of CdS for Highly Efficient H2 Production via Water Splitting. *Energies*, **2020**, 13, 3738	3.1	2
12	Local environment of W and Mo atoms in CaW1 Mo x O4 (x = 0.12) solid solution studied by X-ray structural analyzes. *Japanese Journal of Applied Physics*, **2019**, 58, 120602	1.4	2
11	Improvement of the Heat Resistance of Prussian Blue Nanoparticles in a Clay Film Composed of Smectite Clay and Caprolactam. *Inorganic Chemistry*, **2018**, 57, 6214-6217	5.1	2
10	Observation of Oriented Molecular Assemblies on ITO Surfaces Using Porphyrin Derivatives Bearing Carboxyl Groups and Their Electrochemical Responses. *Electrochemistry*, **2012**, 80, 504-506	1.2	1
9	Oxidization Process of FeNi Mixed Prussian Blue Analogue Investigated by Valence-Differential Spectroscopy. *Japanese Journal of Applied Physics*, **2011**, 50, 032401	1.4	1
8	Formation of Perpendicularly Aligned Sub-10 nm Nanocylinders in Poly(N-dodecylacrylamide-b-ethylene glycol) Block Copolymer Films by Hierarchical Phase Separation. *Macromolecules*, **2020**, 53, 9601-9610	5.5	1
7	Structural analyses of Gd3(Al,Ga)5O12 garnet solid solutions via X-ray and UV absorption spectroscopy experiments for Gd atoms. *Journal of Alloys and Compounds*, **2021**, 867, 159055	5.7	1
6	Electrochemical Charge Storage Using Layer-by-Layer Deposited Film Composed of Redox Polymer and Inorganic Nanoparticle. *Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]*, **2018**, 31, 349-352	0.7	1
5	Solution-Processed Chemically Non-Destructive Filter Transfer of Carbon-Nanotube Thin Films onto Arbitrary Materials. *Advanced Materials Interfaces*, **2021**, 8, 2100953	4.6	0
4	Oxygen vacancy mediated room-temperature ferromagnetism and band gap narrowing in DyFeCrO nanoparticles. *Dalton Transactions*, **2021**, 50, 9519-9528	4.3	0
3	Local structure analysis of Sb, Bi, and Ag dopant atoms in Mg2Si semiconductor by x-ray absorption spectroscopy and first-principles calculation. *Journal of Applied Physics*, **2021**, 130, 245105	2.5	0

2	Visible multi-color electrochromism by tailor-made color mixing at one electrode. *Japanese Journal of Applied Physics*, **2020**, 59, 091006	1.4
1	Solution-Processed Chemically Non-Destructive Filter Transfer of Carbon-Nanotube Thin Films onto Arbitrary Materials (Adv. Mater. Interfaces 22/2021). *Advanced Materials Interfaces*, **2021**, 8, 2170130	4.6