

Fumiyuki Shiba

List of Publications by Citations

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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.

22 papers	345 citations	11 h-index	18 g-index
23 ext. papers	374 ext. citations	3.4 avg, IF	3.47 L-index

#	Paper	IF	Citations
22	Spontaneous nucleation of monodisperse silver halide particles from homogeneous gelatin solution I: silver chloride. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000 , 164, 183-203	5.1	84
21	A New Approach to Interfacial Energy. 3. Formulation of the Absolute Value of the Solid-Liquid Interfacial Energy and Experimental Collation to Silver Halide Systems <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3607-3615	3.4	48
20	Spontaneous nucleation of monodisperse silver halide particles from homogeneous gelatin solution II: silver bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000 , 164, 205-215	5.1	39
19	Preparation of Monodisperse Cobalt(II) Hexacyanoferrate(III) Nanoparticles Using Cobalt Ions Released from a Citrate Complex. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 3394-3399	3.8	25
18	Preparation of monodisperse Prussian blue nanoparticles via reduction process with citric acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 366, 178-182	5.1	22
17	Direct electron transfer biosensor for hydrogen peroxide carrying nanocomplex composed of horseradish peroxidase and Au-nanoparticle [Characterization and application to bienzyme systems. <i>Analytical Chemistry Research</i> , 2015 , 5, 1-8		20
16	Size control of monodisperse Au nanoparticles synthesized via a citrate reduction process associated with a pH-shifting procedure. <i>CrystEngComm</i> , 2013 , 15, 8412	3.3	20
15	Magnetically Responsive Polymer Network Constructed by Poly(acrylic acid) and Holmium. <i>Macromolecules</i> , 2018 , 51, 6740-6745	5.5	14
14	Hydrothermal synthesis of monodisperse WO ₃ ·H ₂ O square platelet particles. <i>Materials Letters</i> , 2007 , 61, 1778-1780	3.3	13
13	Relationship between supersaturation ratio and supply rate of solute in the growth process of monodisperse colloidal particles and application to AgBr systems. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 21664-8	3.4	11
12	Synthesis of uniform Prussian blue nanoparticles by a polyol process using a polyethylene glycol aqueous solution.. <i>RSC Advances</i> , 2019 , 9, 34589-34594	3.7	11
11	Formation of gold-silver hollow nanostructure via silver halide photographic processes and application to direct electron transfer biosensor using fructose dehydrogenase. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 828, 144-149	4.1	8
10	A New Approach to Interfacial Energy. 4. Effects of Adsorption of Halide Ions and Gelatin on Solid-Liquid Interfacial Energies of Silver Halides. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 3616-3625	3.4	7
9	Size Control of Monodisperse Prussian Blue Nanoparticles by Enforced-Nucleation and Additional-Growth Procedures in a Citrate Reduction System. <i>Particulate Science and Technology</i> , 2015 , 33, 671-676	2	6
8	Hydrothermal synthesis of one-dimensional yttrium hydroxide particles by a two-step alkali-addition method. <i>CrystEngComm</i> , 2013 , 15, 1061-1067	3.3	6
7	Controlling the shape of wedge-like H ₂ GOOH particles formed by a hydrolysis process using sodium acetate as a growth modifier. <i>CrystEngComm</i> , 2018 , 20, 4910-4915	3.3	3
6	Hydrothermal synthesis of one-dimensional hydroxyapatite particles using calcium sodium nitrilotriacetate as a calcium reservoir. <i>Journal of the Ceramic Society of Japan</i> , 2017 , 125, 926-928	1	3

5	Reagentless H ₂ O ₂ Biosensor with High Electron Transfer Efficiency Carrying Nanocomplex of Horseradish Peroxidase and Au-Nanoparticle. <i>Electrochemistry</i> , 2008 , 76, 522-524	1.2	3
4	Direct Formation of Nanofilament Structure of Metallic Silver on Electrode with Combination of Electrochemical and Photographic Techniques. <i>Chemistry Letters</i> , 2019 , 48, 274-276	1.7	1
3	Formation mechanisms of hollow manganese hexacyanoferrate particles and construction of a multiple-shell structure.. <i>RSC Advances</i> , 2021 , 11, 8767-8774	3.7	1
2	Formation of platinum-silver nanostructure with hollow filament structure using techniques based on photographic chemistry and its electrocatalytic behavior for aldose electrooxidation. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 908, 116096	4.1	
1	Preparation of Monodisperse WO ₃ Particles and Application to New Display Devices. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2006 , 14, 148-152	0	