

Kazushi Enomoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graft Density Dependence of Main Chain Stiffness in Molecular Rod Brushes. <i>Macromolecules</i> , 2015, 48, 5878-5886.	4.8	31
2	Controlling the dimension of the quantum resonance in CdTe quantum dot superlattices fabricated via layer-by-layer assembly. <i>Nature Communications</i> , 2020, 11, 5471.	12.8	31
3	Surface Modifier-Free Organic-Inorganic Hybridization To Produce Optically Transparent and Highly Refractive Bulk Materials Composed of Epoxy Resins and ZrO ₂ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13985-13998.	8.0	22
4	Exciplex emissions derived from exceptionally long-distance donor and acceptor molecules. <i>Chemical Science</i> , 2019, 10, 9203-9208.	7.4	20
5	Maltopentaose-Conjugated CTA for RAFT Polymerization Generating Nanostructured Bioresource-Block Copolymer. <i>Biomacromolecules</i> , 2014, 15, 4509-4519.	5.4	18
6	Unique Hydrophobization and Hybridization via Direct Phase Transfer of ZrO ₂ Nanoparticles from Water to Toluene Producing Highly Transparent Polystyrene and Poly(methyl Methacrylate) Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10110-10118.	4.8	18
7	Evaluation of Ring Expansion-Controlled Radical Polymerization System by AFM Observation. <i>ACS Macro Letters</i> , 2019, 8, 634-638.	4.8	17
8	Radical Polymerization of Pendant (Meth)acrylates on a Rigid Helical Polyisocyanate Backbone Producing Poly(meth)acrylates with Atactic Main Chain Configuration. <i>Macromolecules</i> , 2015, 48, 3395-3405.	4.8	13
9	Energy Transfer from Blue-Emitting CsPbBr ₃ Perovskite Nanocrystals to Green-Emitting CsPbBr ₃ Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19368-19373.	3.1	11
10	Water-soluble ZnSe/ZnS:Mn/ZnS quantum dots convert UV to visible light for improved Si solar cell efficiency. <i>Journal of Materials Chemistry C</i> , 2021, 9, 693-701.	5.5	9
11	Hydrothermal synthesis of water-soluble Mn- and Cu-doped CdSe quantum dots with multi-shell structures and their photoluminescence properties. <i>RSC Advances</i> , 2022, 12, 6255-6264.	3.6	8
12	Simple cubic self-assembly of PbS quantum dots by finely controlled ligand removal through gel permeation chromatography. <i>Chemical Science</i> , 2021, 12, 10354-10361.	7.4	7
13	Design of Epoxy/ZrO ₂ Hybrid Transparent Bulk Materials. <i>Kobunshi Ronbunshu</i> , 2015, 72, 82-89.	0.2	6
14	Ring-Expansion/Contraction Radical Crossover Reactions of Cyclic Alkoxyamines: A Mechanism for Ring Expansion-Controlled Radical Polymerization. <i>Polymers</i> , 2018, 10, 638.	4.5	6
15	Controllable 1D Patterned Assembly of Colloidal Quantum Dots on PbSO ₄ Nanoribbons. <i>Advanced Functional Materials</i> , 2019, 29, 1905175.	14.9	3
16	Invention of Thermosetting and Thermoplastic Hybrid Optical Materials Containing ZrO ₂ Nano-Particles. <i>Journal of the Japan Society of Colour Material</i> , 2017, 90, 72-79.	0.1	1
17	Colloidal CdS Quantum Dot Fibers Prepared by Electrospinning of Their Wet Gel for Quantum Nanowires. <i>ACS Applied Nano Materials</i> , 2022, 5, 3756-3762.	5.0	1