

Kazushi Enomoto

List of Publications by Year in descending order

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