Joji Tanaka

List of Publications by Year
in descending order

23	517	687363 13	642732 23
papers	citations	h-index	g-index

23	23	23	778
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversible additionâ€“fragmentation chain transfer step-growth polymerization with commercially available inexpensive bis-maleimides. Polymer Chemistry, 2022, 13, 2589-2594.	3.9	13
2	Reversible-Addition Fragmentation Chain Transfer Step-Growth Polymerization. Journal of the American Chemical Society, 2021, 143, 15918-15923.	13.7	29
3	Investigating the Stressâ€“Strain Behavior in Ring-Opening Metathesis Polymerization-Based Brush Elastomers. Macromolecules, 2021, 54, 8365-8371.	4.8	12
4	PCR-RAFT: rapid high throughput oxygen tolerant RAFT polymer synthesis in a biology laboratory. Polymer Chemistry, 2020, 11, 1230-1236.	3.9	20
5	Importance of Nucleophilicity of Chain-Transfer Agents for Controlled Cationic Degenerative Chain-Transfer Polymerization. Macromolecules, 2020, 53, 4303-4311.	4.8	19
6	Functionalisation and stabilisation of polymeric arsenical nanoparticles prepared by sequential reductive and radical cross-linking. Polymer Chemistry, 2020, 11, 2519-2531.	3.9	2
7	Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. Angewandte Chemie, 2020, 132, 7270-7275.	2.0	9
8	Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. Angewandte Chemie - International Edition, 2020, 59, 7203-7208.	13.8	40
9	Hyperbranched poly(ethylenimine-co-oxazoline) by thiolâ€“yne chemistry for non-viral gene delivery: investigating the role of polymer architecture. Polymer Chemistry, 2019, 10, 1202-1212.	3.9	42
10	Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. Macromolecules, 2019, 52, 992-1003.	4.8	13
11	Perfluorocarbon-based O₂ nanocarrier for efficient photodynamic therapy. Journal of Materials Chemistry B, 2019, 7, 1116-1123.	5.8	53
12	Alcohol mediated degenerate chain transfer controlled cationic polymerisation of para-alkoxystyrene. Polymer Chemistry, 2019, 10, 4126-4133.	3.9	15
13	Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. Polymer Chemistry, 2019, 10, 1186-1191.	3.9	25
14	Polymeric arsenicals as scaffolds for functional and responsive hydrogels. Journal of Materials Chemistry B, 2019, 7, 4263-4271.	5.8	4
15	Influence of Grafting Density and Distribution on Material Properties Using Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures Synthesized by RAFT. Macromolecules, 2019, 52, 1469-1478.	4.8	24
16	Synthesis, aggregation and responsivity of block copolymers containing organic arsenicals. Polymer Chemistry, 2018, 9, 1551-1556.	3.9	12
17	Branched poly (trimethylphosphonium ethylacrylateâ€coâ€PEGA) by RAFT: alternative to cationic polyammoniums for nucleic acid complexation. Journal of Interdisciplinary Nanomedicine, 2018, 3, 164-174.	3.6	8
18	Organic Arsenicals as Functional Motifs in Polymer and Biomaterials Science. Macromolecular Rapid Communications, 2018, 39, 1800205.	3.9	11

#	Article	IF	Citations
19	Specific and Differential Binding of N-Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. Biomacromolecules, 2017, 18, 1624-1633.	5.4	32
20	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. Macromolecules, 2017, 50, 7380-7387.	4.8	44
21	Thiol-reactive (co)polymer scaffolds comprising organic arsenical acrylamides. Chemical Communications, 2017, 53, 8447-8450.	4.1	9
22	Self-assembly and disassembly of stimuli responsive tadpole-like single chain nanoparticles using a switchable hydrophilic/hydrophobic boronic acid cross-linker. Polymer Chemistry, 2017, 8, 4079-4087.	3.9	34
23	In Situ Conjugation of Dithiophenol Maleimide Polymers and Oxytocin for Stable and Reversible Polymerâ€“Peptide Conjugates. Bioconjugate Chemistry, 2015, 26, 633-638.	3.6	47