

Joji Tanaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3417683/publications.pdf>

Version: 2024-02-01

23
papers

517
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

778
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Perfluorocarbon-based O ₂ nanocarrier for efficient photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1116-1123. | 5.8 | 53 |
| 2 | In Situ Conjugation of Dithiophenol Maleimide Polymers and Oxytocin for Stable and Reversible Polymer–Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 2015, 26, 633-638. | 3.6 | 47 |
| 3 | Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. <i>Macromolecules</i> , 2017, 50, 7380-7387. | 4.8 | 44 |
| 4 | Hyperbranched poly(ethylenimine-co-oxazoline) by thiol–yne chemistry for non-viral gene delivery: investigating the role of polymer architecture. <i>Polymer Chemistry</i> , 2019, 10, 1202-1212. | 3.9 | 42 |
| 5 | Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7203-7208. | 13.8 | 40 |
| 6 | Self-assembly and disassembly of stimuli responsive tadpole-like single chain nanoparticles using a switchable hydrophilic/hydrophobic boronic acid cross-linker. <i>Polymer Chemistry</i> , 2017, 8, 4079-4087. | 3.9 | 34 |
| 7 | Specific and Differential Binding of N-Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. <i>Biomacromolecules</i> , 2017, 18, 1624-1633. | 5.4 | 32 |
| 8 | Reversible-Addition Fragmentation Chain Transfer Step-Growth Polymerization. <i>Journal of the American Chemical Society</i> , 2021, 143, 15918-15923. | 13.7 | 29 |
| 9 | Microscale synthesis of multiblock copolymers using ultrafast RAFT polymerisation. <i>Polymer Chemistry</i> , 2019, 10, 1186-1191. | 3.9 | 25 |
| 10 | Influence of Grafting Density and Distribution on Material Properties Using Well-Defined Alkyl Functional Poly(Styrene-co-Maleic Anhydride) Architectures Synthesized by RAFT. <i>Macromolecules</i> , 2019, 52, 1469-1478. | 4.8 | 24 |
| 11 | PCR-RAFT: rapid high throughput oxygen tolerant RAFT polymer synthesis in a biology laboratory. <i>Polymer Chemistry</i> , 2020, 11, 1230-1236. | 3.9 | 20 |
| 12 | Importance of Nucleophilicity of Chain-Transfer Agents for Controlled Cationic Degenerative Chain-Transfer Polymerization. <i>Macromolecules</i> , 2020, 53, 4303-4311. | 4.8 | 19 |
| 13 | Alcohol mediated degenerate chain transfer controlled cationic polymerisation of para-alkoxystyrene. <i>Polymer Chemistry</i> , 2019, 10, 4126-4133. | 3.9 | 15 |
| 14 | Tuning the Structure, Stability, and Responsivity of Polymeric Arsenical Nanoparticles Using Polythiol Cross-Linkers. <i>Macromolecules</i> , 2019, 52, 992-1003. | 4.8 | 13 |
| 15 | Reversible addition–fragmentation chain transfer step-growth polymerization with commercially available inexpensive bis-maleimides. <i>Polymer Chemistry</i> , 2022, 13, 2589-2594. | 3.9 | 13 |
| 16 | Synthesis, aggregation and responsivity of block copolymers containing organic arsenicals. <i>Polymer Chemistry</i> , 2018, 9, 1551-1556. | 3.9 | 12 |
| 17 | Investigating the Stress–Strain Behavior in Ring-Opening Metathesis Polymerization-Based Brush Elastomers. <i>Macromolecules</i> , 2021, 54, 8365-8371. | 4.8 | 12 |
| 18 | Organic Arsenicals as Functional Motifs in Polymer and Biomaterials Science. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1800205. | 3.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Thiol-reactive (co)polymer scaffolds comprising organic arsenical acrylamides. <i>Chemical Communications</i> , 2017, 53, 8447-8450. | 4.1 | 9 |
| 20 | Orthogonal Cationic and Radical RAFT Polymerizations to Prepare Bottlebrush Polymers. <i>Angewandte Chemie</i> , 2020, 132, 7270-7275. | 2.0 | 9 |
| 21 | Branched poly (trimethylphosphonium ethylacrylate- <i>co</i> -PEGA) by RAFT: alternative to cationic polyammoniums for nucleic acid complexation. <i>Journal of Interdisciplinary Nanomedicine</i> , 2018, 3, 164-174. | 3.6 | 8 |
| 22 | Polymeric arsenicals as scaffolds for functional and responsive hydrogels. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4263-4271. | 5.8 | 4 |
| 23 | Functionalisation and stabilisation of polymeric arsenical nanoparticles prepared by sequential reductive and radical cross-linking. <i>Polymer Chemistry</i> , 2020, 11, 2519-2531. | 3.9 | 2 |