

Friederike Adams

List of Publications by Year in descending order

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17
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | CO ₂ -Controlled One-Pot Synthesis of AB, ABA Block, and Statistical Terpolymers from β -Butyrolactone, Epoxides, and CO ₂ . <i>Journal of the American Chemical Society</i> , 2017, 139, 6787-6790. | 13.7 | 131 |
| 2 | From Adsorption to Covalent Bonding: Apolipoprotein E Functionalization of Polymeric Nanoparticles for Drug Delivery Across the Blood–Brain Barrier. <i>Advanced Therapeutics</i> , 2021, 4, 2000092. | 3.2 | 70 |
| 3 | Stereospecific catalytic precision polymerization of 2-vinylpyridine via rare earth metal-mediated group transfer polymerization with 2-methoxyethylamino-bis(phenolate)-yttrium complexes. <i>Polymer Chemistry</i> , 2015, 6, 6796-6801. | 3.9 | 33 |
| 4 | Toolbox of Nonmetallocene Lanthanides: Multifunctional Catalysts in Group-Transfer Polymerization. <i>Inorganic Chemistry</i> , 2017, 56, 9754-9764. | 4.0 | 30 |
| 5 | Next Generation Multiresponsive Nanocarriers for Targeted Drug Delivery to Cancer Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 14576-14584. | 3.3 | 26 |
| 6 | Metal-Catalyzed Group-Transfer Polymerization: A Versatile Tool for Tailor-Made Functional (Co)Polymers. <i>Chemistry - A European Journal</i> , 2018, 24, 509-518. | 3.3 | 19 |
| 7 | The Impact of Nylon-3 Copolymer Composition on the Efficiency of siRNA Delivery to Glioblastoma Cells. <i>Nanomaterials</i> , 2019, 9, 986. | 4.1 | 18 |
| 8 | Impact of Crystalline and Amorphous Matrices on Successful Spray Drying of siRNA Polyplexes for Inhalation of Nano-Microparticles. <i>Advanced Therapeutics</i> , 2021, 4, 2100073. | 3.2 | 17 |
| 9 | Multiresponsive micellar block copolymers from 2-vinylpyridine and dialkylvinylphosphonates with a tunable lower critical solution temperature. <i>RSC Advances</i> , 2016, 6, 78750-78754. | 3.6 | 16 |
| 10 | Yttrium-Catalyzed Synthesis of Bipyridine-Functionalized AB-Block Copolymers: Micellar Support for Photocatalytic Active Rhenium-Complexes. <i>ChemCatChem</i> , 2018, 10, 4309-4316. | 3.7 | 14 |
| 11 | (Co)polymerization of (α)-menthene and β -butyrolactone with yttrium-bis(phenolates): tuning material properties of sustainable polyesters. <i>Polymer Chemistry</i> , 2020, 11, 4426-4437. | 3.9 | 11 |
| 12 | Expanding the Scope of Organic Radical Polymers to Polyvinylphosphonates Synthesized via Rare-Earth Metal-Mediated Group-Transfer Polymerization. <i>Macromolecules</i> , 2021, 54, 4089-4100. | 4.8 | 6 |
| 13 | C-H Bond Activation of Silyl-Substituted Pyridines with Bis(Phenolate)Yttrium Catalysts as a Facile Tool towards Hydroxyl-Terminated Michael-Type Polymers. <i>Catalysts</i> , 2020, 10, 448. | 3.5 | 5 |
| 14 | Uniting Group-Transfer and Ring-Opening Polymerization of Block Copolymers from Functional Michael-Type Monomers and Lactones. <i>Macromolecules</i> , 2021, 54, 10860-10869. | 4.8 | 4 |
| 15 | Photocatalytic CO ₂ Conversion Using Metal-Containing Coordination Polymers and Networks: Recent Developments in Material Design and Mechanistic Details. <i>Polymers</i> , 2022, 14, 2778. | 4.5 | 4 |
| 16 | Enzymatic degradation of synthetic poly(3-hydroxybutyrate) as a tool for combinatorial microstructure determination. <i>Polymer Degradation and Stability</i> , 2017, 143, 176-185. | 5.8 | 2 |
| 17 | Gruppentransferpolymerisation von Michael-Monomeren. , 2016, , . | | 0 |