

Gergely Kali

List of Publications by Year in descending order

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docs citations

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times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	Horseradish Peroxidase as a Catalyst for Atom Transfer Radical Polymerization. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1710-1715.	2.0	127
2	Hemoglobin and Red Blood Cells Catalyze Atom Transfer Radical Polymerization. <i>Biomacromolecules</i> , 2013, 14, 2703-2712.	2.6	89
3	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks Based on Methacrylic Acid and Methyl Methacrylate: Effects of Composition and Architecture. <i>Macromolecules</i> , 2007, 40, 2192-2200.	2.2	84
4	Thermally Responsive Amphiphilic Conetworks and Gels Based on Poly(<i>N</i> -isopropylacrylamide) and Polyisobutylene. <i>Macromolecules</i> , 2013, 46, 5337-5344.	2.2	80
5	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks of 2-Butyl-1-Octyl-Methacrylate and Methacrylic Acid: Effects of Polymer Composition and Architecture. <i>Langmuir</i> , 2007, 23, 10746-10755.	1.6	74
6	Poly(<i>N</i> -vinylimidazole)- <i>P</i> -Poly(tetrahydrofuran) Amphiphilic Conetworks and Gels: Synthesis, Characterization, Thermal and Swelling Behavior. <i>Macromolecules</i> , 2011, 44, 4496-4502.	2.2	70
7	Controlled Radical Polymerization of Myrcene in Bulk: Mapping the Effect of Conditions on the System. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10084-10092.	3.2	64
8	Anionic amphiphilic end-linked conetworks by the combination of quasiliving carbocationic and group transfer polymerizations. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4289-4301.	2.5	63
9	Terpene Based Elastomers: Synthesis, Properties, and Applications. <i>Processes</i> , 2020, 8, 553.	1.3	55
10	Bio-based polymyrcene with highly ordered structure via solvent free controlled radical polymerization. <i>European Polymer Journal</i> , 2015, 73, 363-373.	2.6	54
11	One Pot Synthesis of a Polyisoprene Polyrotaxane and Conversion to a Slide-Ring Gel. <i>Macromolecular Rapid Communications</i> , 2016, 37, 67-72.	2.0	33
12	A New Synthetic Method for the Preparation of Star-Shaped Polyisobutylene with Hyperbranched Polystyrene Core. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1388-1393.	1.1	23
13	Thiolated pectins: In vitro and ex vivo evaluation of three generations of thiomers. <i>Acta Biomaterialia</i> , 2021, 135, 139-149.	4.1	23
14	Synthesis of Well-Defined Phthalimide Monofunctional Hyperbranched Polyglycerols and Its Transformation to Various Conjugation Relevant Functionalities. <i>Macromolecules</i> , 2017, 50, 3078-3088.	2.2	21
15	Poly(methacrylic acid)- <i>P</i> -Polyisobutylene Amphiphilic Conetworks by Using an Ethoxyethyl-Protected Comonomer: Synthesis, Protecting Group Removal in the Cross-Linked State, and Characterization. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 605-613.	1.1	20
16	Nanophasic morphologies as a function of the composition and molecular weight of the macromolecular cross-linker in poly(<i>N</i> -vinylimidazole)- <i>P</i> -poly(tetrahydrofuran) amphiphilic conetworks: bicontinuous domain structure in broad composition ranges. <i>RSC Advances</i> , 2017, 7, 6827-6834.	1.7	20
17	Extreme difference of polarities in a single material: Poly(acrylic acid)-based amphiphilic conetworks with polyisobutylene cross-linker. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1818-1821.	2.5	15
18	Synthesis and evaluation of sulfosuccinate-based surfactants as counterions for hydrophobic ion pairing. <i>Acta Biomaterialia</i> , 2022, 144, 54-66.	4.1	14

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19	Rotaxanation of Polyisoprene to Render it Soluble in Water. <i>Macromolecules</i> , 2017, 50, 1312-1318.	2.2	13
20	Polyaminated pullulan, a new biodegradable and cationic pullulan derivative for mucosal drug delivery. <i>Carbohydrate Polymers</i> , 2022, 282, 119143.	5.1	13
21	Emerging technologies to increase gastrointestinal transit times of drug delivery systems. <i>Journal of Controlled Release</i> , 2022, 346, 289-299.	4.8	13
22	Star and Hyperbranched Polyisobutylenes via Terminally Reactive Polyisobutylene- ϵ -Polystyrene Block Copolymers. <i>Macromolecular Symposia</i> , 2013, 323, 37-41.	0.4	12
23	Noncollapsing polyelectrolyte conetwork gels in physiologically relevant salt solutions. <i>European Polymer Journal</i> , 2016, 84, 668-674.	2.6	11
24	Green Engineered Polymers: Solvent Free, Room-Temperature Polymerization of Monomer From a Renewable Resource, Without Utilizing Initiator.. <i>ChemistrySelect</i> , 2019, 4, 3495-3499.	0.7	10
25	ATRPases: Using Nature's Catalysts in Atom Transfer Radical Polymerizations. <i>ACS Symposium Series</i> , 2012, , 171-181.	0.5	8
26	One-pot synthesis of block-copolyrotaxanes through controlled <i>rotaxa</i> -polymerization. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1310-1315.	1.3	7
27	ATRPases: Enzymes as Catalysts for Atom Transfer Radical Polymerization. <i>Chimia</i> , 2012, 66, 66.	0.3	6
28	Free- and reversible deactivation radical (co)polymerization of isobutylene in water under environmentally benign conditions. <i>European Polymer Journal</i> , 2021, 147, 110336.	2.6	4
29	Synthesis of Poly(Methyl Methacrylate)-Based Polyrotaxane via Reversible Addition- ϵ -Fragmentation Chain Transfer Polymerization. <i>ACS Macro Letters</i> , 2020, 9, 1853-1857.	2.3	3
30	Structural Characterization of Glassy and Rubbery Model Anionic Amphiphilic Polymer Conetworks. <i>ACS Symposium Series</i> , 2008, , 286-302.	0.5	2
31	In Situ Terminal Functionalization of Polystyrene Obtained by Quasiliving ATRP and Subsequent Derivatizations. <i>ACS Symposium Series</i> , 2018, , 281-295.	0.5	1
32	New, Aqueous Radical (Co)Polymerization of Olefins at Low Temperature and Pressure. <i>Processes</i> , 2020, 8, 688.	1.3	0
33	Special Issue ϵ Green Synthesis Processes of Polymers & Composites ϵ . <i>Processes</i> , 2021, 9, 628.	1.3	0