Gergely Kali

List of Publications by Year
in descending order

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33 papers	1,032 citations	516710 16 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	916 citing authors

#	Article	IF	Citations
1	Polyaminated pullulan, a new biodegradable and cationic pullulan derivative for mucosal drug delivery. Carbohydrate Polymers, 2022, 282, 119143.	10.2	13
2	Synthesis and evaluation of sulfosuccinate-based surfactants as counterions for hydrophobic ion pairing. Acta Biomaterialia, 2022, 144, 54-66.	8.3	14
3	Emerging technologies to increase gastrointestinal transit times of drug delivery systems. Journal of Controlled Release, 2022, 346, 289-299.	9.9	13
4	Free- and reversible deactivation radical (co)polymerization of isobutylene in water under environmentally benign conditions. European Polymer Journal, 2021, 147, 110336.	5.4	4
5	Special Issue â€œGreen Synthesis Processes of Polymers & Compositesâ€. Processes, 2021, 9, 628.	2.8	0
6	Thiolated pectins: In vitro and ex vivo evaluation of three generations of thiomers. Acta Biomaterialia, 2021, 135, 139-149.	8.3	23
7	Synthesis of Poly(Methyl Methacrylate)-Based Polyrotaxane via Reversible Additionâ€“Fragmentation Chain Transfer Polymerization. ACS Macro Letters, 2020, 9, 1853-1857.	4.8	3
8	Terpene Based Elastomers: Synthesis, Properties, and Applications. Processes, 2020, 8, 553.	2.8	55
9	New, Aqueous Radical (Co)Polymerization of Olefins at Low Temperature and Pressure. Processes, 2020, 8, 688.	2.8	0
10	Green Engineered Polymers: Solvent Free, Roomâ€Temperature Polymerization of Monomer From a Renewable Resource, Without Utilizing Initiator.. ChemistrySelect, 2019, 4, 3495-3499.	1.5	10
11	In Situ Terminal Functionalization of Polystyrene Obtained by Quasiliving ATRP and Subsequent Derivatizations. ACS Symposium Series, 2018, , 281-295.	0.5	1
12	Rotaxanation of Polyisoprene to Render it Soluble in Water. Macromolecules, 2017, 50, 1312-1318.	4.8	13
13	Synthesis of Well-Defined Phthalimide Monofunctional Hyperbranched Polyglycerols and Its Transformation to Various Conjugation Relevant Functionalities. Macromolecules, 2017, 50, 3078-3088.	4.8	21
14	Nanophasic morphologies as a function of the composition and molecular weight of the macromolecular cross-linker in poly(N-vinylimidazole)-l-poly(tetrahydrofuran) amphiphilic conetworks: bicontinuous domain structure in broad composition ranges. RSC Advances, 2017, 7, 6827-6834.	3.6	20
15	Extreme difference of polarities in a single material: Poly(acrylic acid)â€based amphiphilic conetworks with polyisobutylene crossâ€linker. Journal of Polymer Science Part A, 2017, 55, 1818-1821.	2.3	15
16	Controlled Radical Polymerization of Myrcene in Bulk: Mapping the Effect of Conditions on the System. ACS Sustainable Chemistry and Engineering, 2017, 5, 10084-10092.	6.7	64
17	One-pot synthesis of block-copolyrotaxanes through controlled rotaxa-polymerization. Beilstein Journal of Organic Chemistry, 2017, 13, 1310-1315.	2.2	7
18	Noncollapsing polyelectrolyte conetwork gels in physiologically relevant salt solutions. European Polymer Journal, 2016, 84, 668-674.	5.4	11

#	Article	IF	Citations
19	One Pot Synthesis of a Polyisoprene Polyrotaxane and Conversion to a Slideâ€Ring Gel. Macromolecular Rapid Communications, 2016, 37, 67-72.	3.9	33
20	Poly(methacrylic acid)â€lâ€Polyisobutylene Amphiphilic Conetworks by Using an Ethoxyethylâ€Protected Comonomer: Synthesis, Protecting Group Removal in the Crossâ€Linked State, and Characterization. Macromolecular Chemistry and Physics, 2015, 216, 605-613.	2.2	20
21	Bio-based polymyrcene with highly ordered structure via solvent free controlled radical polymerization. European Polymer Journal, 2015, 73, 363-373.	5.4	54
22	Hemoglobin and Red Blood Cells Catalyze Atom Transfer Radical Polymerization. Biomacromolecules, 2013, 14, 2703-2712.	5.4	89
23	Thermally Responsive Amphiphilic Conetworks and Gels Based on Poly(N-isopropylacrylamide) and Polyisobutylene. Macromolecules, 2013, 46, 5337-5344.	4.8	80
24	Star and Hyperbranched Polyisobutylenes via Terminally Reactive Polyisobutyleneâ€Polystyrene Block Copolymers. Macromolecular Symposia, 2013, 323, 37-41.	0.7	12
25	ATRPases: Enzymes as Catalysts for Atom Transfer Radical Polymerization. Chimia, 2012, 66, 66.	0.6	6
26	ATRPases: Using Nature's Catalysts in Atom Transfer Radical Polymerizations. ACS Symposium Series, 2012, , 171-181.	0.5	8
27	Poly(N-vinylimidazole)-l-Poly(tetrahydrofuran) Amphiphilic Conetworks and Gels: Synthesis, Characterization, Thermal and Swelling Behavior. Macromolecules, 2011, 44, 4496-4502.	4.8	70
28	Horseradish Peroxidase as a Catalyst for Atom Transfer Radical Polymerization. Macromolecular Rapid Communications, 2011, 32, 1710-1715.	3.9	127
29	Anionic amphiphilic endâ€linked conetworks by the combination of quasiliving carbocationic and group transfer polymerizations. Journal of Polymer Science Part A, 2009, 47, 4289-4301.	2.3	63
30	Structural Characterization of Glassy and Rubbery Model Anionic Amphiphilic Polymer Conetworks. ACS Symposium Series, 2008, , 286-302.	0.5	2
31	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks of 2-Butyl-1-Octyl-Methacrylate and Methacrylic Acid:â€‰ Effects of Polymer Composition and Architecture. Langmuir, 2007, 23, 10746-10755.	3.5	74
32	Synthesis and Characterization of Anionic Amphiphilic Model Conetworks Based on Methacrylic Acid and Methyl Methacrylate:Â Effects of Composition and Architecture. Macromolecules, 2007, 40, 2192-2200.	4.8	84
33	A New Synthetic Method for the Preparation of Star-Shaped Polyisobutylene with Hyperbranched Polystyrene Core. Macromolecular Chemistry and Physics, 2007, 208, 1388-1393.	2.2	23