

Ramaz Katsarava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3531839/publications.pdf>

Version: 2024-02-01

39
papers

973
citations

567281

15
h-index

434195

31
g-index

40
all docs

40
docs citations

40
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel sustained-release matrix based on biodegradable poly(ester amide)s and impregnated with bacteriophages and an antibiotic shows promise in management of infected venous stasis ulcers and other poorly healing wounds. <i>International Journal of Dermatology</i> , 2002, 41, 453-458.	1.0	200
2	Synthesis, Properties and Applications of Biodegradable Polymers Derived from Diols and Dicarboxylic Acids: From Polyesters to Poly(ester amide)s. <i>International Journal of Molecular Sciences</i> , 2014, 15, 7064-7123.	4.1	191
3	In-vivo biocompatibility evaluation of stents coated with a new biodegradable elastomeric and functional polymer. <i>Coronary Artery Disease</i> , 2002, 13, 237-241.	0.7	63
4	Heterochain polymers based on natural amino acids. Synthesis and enzymatic hydrolysis of regular poly(ester amide)s based on bis(L-phenylalanine) ϵ -alkylene diesters and adipic acid. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 2279-2289.	2.2	55
5	Improving the Safety of Staphylococcus aureus Polyvalent Phages by Their Production on a Staphylococcus xylosus Strain. <i>PLoS ONE</i> , 2014, 9, e102600.	2.5	43
6	Amino acid based bioanalogous polymers. Novel regular poly(ester urethane)s and poly(ester urea)s based on bis(L-phenylalanine) ϵ -alkylene diesters. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 1921-1932.	2.2	41
7	Active polycondensation: from peptide chemistry to amino acid based biodegradable polymers. <i>Macromolecular Symposia</i> , 2003, 199, 419-430.	0.7	41
8	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , 2016, 3, 52-87.	0.5	32
9	New poly(ester urea) derived from L-leucine: Electrospun scaffolds loaded with antibacterial drugs and enzymes. <i>Materials Science and Engineering C</i> , 2015, 46, 450-462.	7.3	23
10	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. <i>ACS Omega</i> , 2019, 4, 2090-2101.	3.5	22
11	Arginine-Based Biodegradable Ether-Ester Polymers with Low Cytotoxicity as Potential Gene Carriers. <i>Biomacromolecules</i> , 2014, 15, 2839-2848.	5.4	21
12	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. <i>Polymer Chemistry</i> , 2015, 6, 925-937.	3.9	20
13	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. <i>Fibers</i> , 2018, 6, 33.	4.0	19
14	Biomimetic Hybrid Systems for Tissue Engineering. <i>Biomimetics</i> , 2020, 5, 49.	3.3	18
15	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1993, 194, 143-150.	1.1	16
16	Electrospun fibrous mats from a L-phenylalanine based poly(ester amide): Drug delivery and accelerated degradation by loading enzymes. <i>Polymer Degradation and Stability</i> , 2015, 119, 275-287.	5.8	16
17	Oligoarginine Peptides, a New Family of Nicotinic Acetylcholine Receptor Inhibitors. <i>Molecular Pharmacology</i> , 2019, 96, 664-673.	2.3	14
18	Artificial Polymers made of ϵ -amino Acids - Poly(Amino Acid)s, Pseudo-Poly(Amino Acid)s, Poly(Depsipeptide)s, and Pseudo-Proteins. <i>Current Pharmaceutical Design</i> , 2020, 26, 566-593.	1.9	13

#	ARTICLE	IF	CITATIONS
19	Generation of cortical neurons from human induced-pluripotent stem cells by biodegradable polymeric microspheres loaded with priming factors. Biomedical Materials (Bristol), 2016, 11, 025011.	3.3	11
20	Amino acid based bioanalogous polymers. Synthesis of novel poly(urethane amide)s based on N,N ^ε -(trimethylenedioxydicarbonyl)bis(phenylalanine). Macromolecular Chemistry and Physics, 1996, 197, 249-257.	2.2	9
21	Biodegradable Nanoparticles Made of Amino-Acid-Based Ester Polymers: Preparation, Characterization, and In Vitro Biocompatibility Study. Applied Sciences (Switzerland), 2016, 6, 444.	2.5	9
22	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. Polymers, 2020, 12, 1478.	4.5	9
23	Non-covalent nano-adducts of co-poly(ester amide) and poly(ethylene glycol): preparation, characterization and model drug-release studies. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 673-685.	3.5	8
24	New Unsaturated Biodegradable Poly(ester amide)s Composed of Fumaric Acid, L-leucine and ϵ -Alkylene Diols. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 544-555.	2.2	8
25	From Drug-Eluting Stents to Biopharmaceuticals: Poly(ester amide) a Versatile New Bioabsorbable Biopolymer. ACS Symposium Series, 2008, , 10-26.	0.5	7
26	Development of Vaccine Prototype Against Zika Virus Disease of Peptide-Loaded PLGA Nanoparticles and Evaluation of Cytotoxicity. International Journal of Peptide Research and Therapeutics, 2019, 25, 1057-1063.	1.9	7
27	Amino Acid Based Epoxy-Poly(Ester Amide)s—A New Class of Functional Biodegradable Polymers: Synthesis and Chemical Transformations. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 449-465.	2.2	5
28	Bionanocomposites. , 2017, , 239-272.		5
29	New 1,2,3-Triazole Containing Polyesters via Click Step-Growth Polymerization and Nanoparticles Made of Them. International Journal of Polymer Science, 2018, 2018, 1-14.	2.7	5
30	Cell Compatible Arginine Containing Cationic Polymer: One-Pot Synthesis and Preliminary Biological Assessment. Advances in Experimental Medicine and Biology, 2014, 807, 59-73.	1.6	5
31	Towards the development of electrospun mats from poly(ϵ -caprolactone)/poly(ester amide)s miscible blends. Polymer, 2018, 150, 343-359.	3.8	4
32	Synthesis of polyurethanes by polycondensation of active biscarbonates of diols with hexamethylenediamine and its derivatives. Macromolecular Chemistry and Physics, 1995, 196, 3061-3074.	2.2	3
33	New amino acid based biodegradable poly(ester amide)s via bis-azlactone chemistry. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 677-690.	2.2	3
34	Biodegradable Nanoparticles Based on Pseudo-Proteins Show Promise as Carriers for Ophthalmic Drug Delivery. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 421-432.	1.4	3
35	Optically Active Polymers with Cationic Units Connected through Neutral Spacers: Helical Conformation and Chirality Transfer to External Molecules. Macromolecules, 2020, 53, 9916-9928.	4.8	3
36	Bio-based aliphatic polyesters from dicarboxylic acids and related sugar and amino acid derivatives. , 2018, , 317-349.		2

#	ARTICLE	IF	CITATIONS
37	Other Miscellaneous Materials and Their Nanocomposites. , 2019, , 353-398.		2
38	Novel Hydrophobic Biodegradable Ester-Polymers Obtained via Azlactone Chemistry. Macromolecular Symposia, 2012, 315, 112-114.	0.7	0
39	Synthesis of ABB-polydepsipeptides, poly(ester amide)s and functional polymers on the basis of O,O'-diacyl-bis-glycolic acids. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 854-864.	2.2	0