

Ramaz Katsarava

List of Publications by Year in descending order

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39
papers

973
citations

566801

15
h-index

433756

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.	0.5	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.	1.8	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.	0.3	63
4	Heterochain polymers based on natural amino acids. Synthesis and enzymatic hydrolysis of regular poly(ester amide)s based on bis(L-phenylalanine) $\hat{\pm}$, $\hat{\%}$ -alkylene diesters and adipic acid. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 2279-2289.	1.1	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.	1.1	43
6	Amino acid based bioanalogous polymers. Novel regular poly(ester urethane)s and poly(ester urea)s based on bis(L-phenylalanine) $\hat{\pm}$, $\hat{\%}$ -alkylene diesters. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 1921-1932.	1.1	41
7	Active polycondensation: from peptide chemistry to amino acid based biodegradable polymers. <i>Macromolecular Symposia</i> , 2003, 199, 419-430.	0.4	41
8	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , 2016, 3, 52-87.	0.3	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.	3.8	23
10	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. <i>ACS Omega</i> , 2019, 4, 2090-2101.	1.6	22
11	Arginine-Based Biodegradable Ether Ester Polymers with Low Cytotoxicity as Potential Gene Carriers. <i>Biomacromolecules</i> , 2014, 15, 2839-2848.	2.6	21
12	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. <i>Polymer Chemistry</i> , 2015, 6, 925-937.	1.9	20
13	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. <i>Fibers</i> , 2018, 6, 33.	1.8	19
14	Biomimetic Hybrid Systems for Tissue Engineering. <i>Biomimetics</i> , 2020, 5, 49.	1.5	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.	2.7	16
17	Oligoarginine Peptides, a New Family of Nicotinic Acetylcholine Receptor Inhibitors. <i>Molecular Pharmacology</i> , 2019, 96, 664-673.	1.0	14
18	Artificial Polymers made of $\hat{\pm}$ -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.	0.9	13

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19	Generation of cortical neurons from human induced-pluripotent stem cells by biodegradable polymeric microspheres loaded with priming factors. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 025011.	1.7	11
20	Amino acid based bioanalogous polymers. Synthesis of novel poly(urethane amide)s based on N,N-ε ² -(trimethylenedioxydicarbonyl)bis(phenylalanine). <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 249-257.	1.1	9
21	Biodegradable Nanoparticles Made of Amino-Acid-Based Ester Polymers: Preparation, Characterization, and In Vitro Biocompatibility Study. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 444.	1.3	9
22	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. <i>Polymers</i> , 2020, 12, 1478.	2.0	9
23	Non-covalent nano-adducts of co-poly(ester amide) and poly(ethylene glycol): preparation, characterization and model drug-release studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 673-685.	1.9	8
24	New Unsaturated Biodegradable Poly(ester amide)s Composed of Fumaric Acid, L-leucine and 1,6-Hexanediol. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 544-555.	1.2	8
25	From Drug-Eluting Stents to Biopharmaceuticals: Poly(ester amide) a Versatile New Bioabsorbable Biopolymer. <i>ACS Symposium Series</i> , 2008, , 10-26.	0.5	7
26	Development of Vaccine Prototype Against Zika Virus Disease of Peptide-Loaded PLGA Nanoparticles and Evaluation of Cytotoxicity. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 1057-1063.	0.9	7
27	Amino Acid Based Epoxy-Poly(Ester Amide)s: A New Class of Functional Biodegradable Polymers: Synthesis and Chemical Transformations. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 449-465.	1.2	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. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-14.	1.2	5
30	Cell Compatible Arginine Containing Cationic Polymer: One-Pot Synthesis and Preliminary Biological Assessment. <i>Advances in Experimental Medicine and Biology</i> , 2014, 807, 59-73.	0.8	5
31	Towards the development of electrospun mats from poly(ε-caprolactone)/poly(ester amide)s miscible blends. <i>Polymer</i> , 2018, 150, 343-359.	1.8	4
32	Synthesis of polyurethanes by polycondensation of active biscarbonates of diols with hexamethylenediamine and its derivatives. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 3061-3074.	1.1	3
33	New amino acid based biodegradable poly(ester amide)s via bis-azlactone chemistry. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 677-690.	1.2	3
34	Biodegradable Nanoparticles Based on Pseudo-Proteins Show Promise as Carriers for Ophthalmic Drug Delivery. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020, 36, 421-432.	0.6	3
35	Optically Active Polymers with Cationic Units Connected through Neutral Spacers: Helical Conformation and Chirality Transfer to External Molecules. <i>Macromolecules</i> , 2020, 53, 9916-9928.	2.2	3
36	Bio-based aliphatic polyesters from dicarboxylic acids and related sugar and amino acid derivatives. , 2018, , 317-349.		2

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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.	0.4	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.	1.2	0