Ramaz Katsarava

List of Publications by Year
in descending order

39	973	566801 15	433756 31
papers	citations	h-index	g-index

40	40	40	1283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic Hybrid Systems for Tissue Engineering. Biomimetics, 2020, 5, 49.	1.5	18
2	Biodegradable Nanoparticles Based on Pseudo-Proteins Show Promise as Carriers for Ophthalmic Drug Delivery. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 421-432.	0.6	3
3	Optically Active Polymers with Cationic Units Connected through Neutral Spacers: Helical Conformation and Chirality Transfer to External Molecules. Macromolecules, 2020, 53, 9916-9928.	2.2	3
4	Synthesis of AABB-polydepsipeptides, poly(ester amide)s and functional polymers on the basis of O,Oâ€²-diacyl-bis-glycolic acids. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 854-864.	1.2	0
5	A Preliminary Evaluation of the Pro-Chondrogenic Potential of 3D-Bioprinted Poly(ester Urea) Scaffolds. Polymers, 2020, 12, 1478.	2.0	9
6	Artificial Polymers made of Î±-amino Acids - Poly(Amino Acid)s, Pseudo-Poly(Amino Acid)s, Poly(Depsipeptide)s, and Pseudo-Proteins. Current Pharmaceutical Design, 2020, 26, 566-593.	0.9	13
7	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.	0.9	7
8	Oligoarginine Peptides, a New Family of Nicotinic Acetylcholine Receptor Inhibitors. Molecular Pharmacology, 2019, 96, 664-673.	1.0	14
9	Library of Cationic Polymers Composed of Polyamines and Arginine as Gene Transfection Agents. ACS Omega, 2019, 4, 2090-2101.	1.6	22
10	Other Miscellaneous Materials and Their Nanocomposites. , 2019, , 353-398.		2
11	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.	1.2	3
12	Bio-based aliphatic polyesters from dicarboxylic acids and related sugar and amino acid derivatives. , 2018, , 317-349.		2
13	New 1,2,3-Triazole Containing PolyestersviaClick Step-Growth Polymerization and Nanoparticles Made of Them. International Journal of Polymer Science, 2018, 2018, 1-14.	1.2	5
14	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. Fibers, 2018, 6, 33.	1.8	19
15	Towards the development of electrospun mats from poly(Îµ-caprolactone)/poly(ester amide)s miscible blends. Polymer, 2018, 150, 343-359.	1.8	4
16	Bionanocomposites. , 2017, , 239-272.		5
17	Biodegradable Nanoparticles Made of Amino-Acid-Based Ester Polymers: Preparation, Characterization, and In Vitro Biocompatibility Study. Applied Sciences (Switzerland), 2016, 6, 444.	1.3	9
18	Generation of cortical neurons from human induced-pluripotent stem cells by biodegradable polymeric microspheres loaded with priming factors. Biomedical Materials (Bristol), 2016, 11, 025011.	1.7	11

#	Article	IF	Citations
19	Electrospun biodegradable polymers loaded with bactericide agents. AIMS Molecular Science, 2016, 3, 52-87.	0.3	32
20	Electrospun fibrous mats from a l-phenylalanine based poly(ester amide): Drug delivery and accelerated degradation by loading enzymes. Polymer Degradation and Stability, 2015, 119, 275-287.	2.7	16
21	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. Polymer Chemistry, 2015, 6, 925-937.	1.9	20
22	New poly(ester urea) derived from l-leucine: Electrospun scaffolds loaded with antibacterial drugs and enzymes. Materials Science and Engineering C, 2015, 46, 450-462.	3.8	23
23	Improving the Safety of Staphylococcus aureus Polyvalent Phages by Their Production on a Staphylococcus xylosus Strain. PLoS ONE, 2014, 9, e102600.	1.1	43
24	Synthesis, Properties and Applications of Biodegradable Polymers Derived from Diols and Dicarboxylic Acids: From Polyesters to Poly(ester amide)s. International Journal of Molecular Sciences, 2014, 15, 7064-7123.	1.8	191
25	Arginine-Based Biodegradable Etherâ€“Ester Polymers with Low Cytotoxicity as Potential Gene Carriers. Biomacromolecules, 2014, 15, 2839-2848.	2.6	21
26	Cell Compatible Arginine Containing Cationic Polymer: One-Pot Synthesis and Preliminary Biological Assessment. Advances in Experimental Medicine and Biology, 2014, 807, 59-73.	0.8	5
27	Amino Acid Based Epoxy-Poly(Ester Amide)sâ€"A New Class of Functional Biodegradable Polymers: Synthesis and Chemical Transformations. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 449-465.	1.2	5
28	Novel Hydrophobic Biodegradable Ester-Polymers Obtained via Azlactone Chemistry. Macromolecular Symposia, 2012, 315, 112-114.	0.4	0
29	New Unsaturated Biodegradable Poly(ester amide)s Composed of Fumaric Acid, L-leucine and Î±,ï‰-Alkylene Diols. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 544-555.	1.2	8
30	From Drug-Eluting Stents to Biopharmaceuticals: Poly(ester amide) a Versatile New Bioabsorbable Biopolymer. ACS Symposium Series, 2008, , 10-26.	0.5	7
31	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.	1.9	8
32	Active polycondensation: from pep tide chemistry to amino acid based biodegradable polymers. Macromolecular Symposia, 2003, 199, 419-430.	0.4	41
33	In-vivo biocompatibility evaluation of stents coated with a new biodegradable elastomeric and functional polymer. Coronary Artery Disease, 2002, 13, 237-241.	0.3	63
34	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. International Journal of Dermatology, 2002, 41, 453-458.	0.5	200
35	Amino acid based bioanalogous polymers. Novel regular poly(ester urethane)s and poly(ester urea)s based on bis(L-phenylalanine) Î±,ï‰-alkylene diesters. Macromolecular Chemistry and Physics, 1997, 198, 1921-1932.	1.1	41
36	Amino acid based bioanalogous polymers. Synthesis of novel poly(urethane amide)s based on N,Nâ€²-(trimethylenedioxydicarbonyl)bis(phenylalanine). Macromolecular Chemistry and Physics, 1996, 197, 249-257.	1.1	9

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37	Synthesis of polyurethanes by polycondensation of active biscarbonates of diols with hexamethylenediamine and its derivatives. Macromolecular Chemistry and Physics, 1995, 196, 3061-3074.	1.1	3
38	Heterochain polymers based on natural amino acids. Synthesis and enzymatic hydrolysis of regular poly(ester amide)s based on bis(L-phenylalanine) Î±,Ï‰-alkylene diesters and adipic acid. Macromolecular Chemistry and Physics, 1994, 195, 2279-2289.	1.1	55
39	Title is missing!. Die Makromolekulare Chemie, 1993, 194, 143-150.	1.1	16