

Rossana Faride Vargas-Coronado

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

973
citations

840776

11
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of mild acid oxidation treatments for MWCNT functionalization. <i>Carbon</i> , 2009, 47, 2970-2975.	10.3	531
2	Degradation studies on segmented polyurethanes prepared with HMDI, PCL and different chain extenders. <i>Acta Biomaterialia</i> , 2010, 6, 2035-2044.	8.3	121
3	Characterization of model compounds and poly(amide-urea) urethanes based on amino acids by FTIR, NMR and other analytical techniques. <i>European Polymer Journal</i> , 2017, 92, 27-39.	5.4	41
4	Characterization of bone cements prepared with functionalized methacrylates and hydroxyapatite. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001, 12, 893-910.	3.5	37
5	Synthesis of HMDI-based segmented polyurethanes and their use in the manufacture of elastomeric composites for cardiovascular applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 561-578.	3.5	31
6	Characterization and biocompatibility studies of new degradable poly(urea)urethanes prepared with arginine, glycine or aspartic acid as chain extenders. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1733-1744.	3.6	30
7	Physicochemical characterization of segmented polyurethanes prepared with glutamine or ascorbic acid as chain extenders and their hydroxyapatite composites. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1966-1976.	5.8	30
8	The Effect of PEGDE Concentration and Temperature on Physicochemical and Biological Properties of Chitosan. <i>Polymers</i> , 2019, 11, 1830.	4.5	19
9	Antibacterial activity of a glass ionomer cement doped with copper nanoparticles. <i>Dental Materials Journal</i> , 2020, 39, 389-396.	1.8	19
10	Zinc Oxide and Copper Chitosan Composite Films with Antimicrobial Activity. <i>Polymers</i> , 2021, 13, 3861.	4.5	14
11	Physicochemical, Mechanical, and Biological Properties of Bone Cements Prepared with Functionalized Methacrylates. <i>Journal of Biomaterials Applications</i> , 2004, 19, 147-161.	2.4	12
12	Titanium - castor oil based polyurethane composite foams for bone tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1415-1432.	3.5	11
13	Antibacterial Behavior of Chitosan-Sodium Hyaluronate-PEGDE Crosslinked Films. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1267.	2.5	10
14	Platelet adhesion and human umbilical vein endothelial cell cytocompatibility of biodegradable segmented polyurethanes prepared with 4,4'-methylene bis(cyclohexyl isocyanate), poly(caprolactone) diol and butanediol or dithioerythritol as chain extenders. <i>Journal of Biomaterials Applications</i> , 2013, 28, 270-277.	2.4	9
15	Preparation and characterization of titanium- segmented polyurethane composites for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2018, 33, 11-22.	2.4	9
16	Preparation and bioactive properties of nano bioactive glass and segmented polyurethane composites. <i>Journal of Biomaterials Applications</i> , 2016, 30, 1362-1372.	2.4	8
17	Human mesenchymal stem cell behavior on segmented polyurethanes prepared with biologically active chain extenders. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 38.	3.6	8
18	Synthesis and characterization of metformin-pluronic based polyurethanes for controlled drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 656-667.	3.4	8

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19	In vitro and in vivo anti-inflammatory properties of Mayan propolis. <i>European Journal of Inflammation</i> , 2020, 18, 205873922093528.	0.5	7
20	Surface characterisation of various bone cements prepared with functionalised methacrylates/bioactive ceramics in relation to HOB behaviour. <i>Acta Biomaterialia</i> , 2006, 2, 143-154.	8.3	5
21	HUVEC biocompatibility and platelet activation of segmented polyurethanes prepared with either glutathione or its amino acids as chain extenders. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1601-1617.	3.5	5
22	On arginine-based polyurethane blends specific to vascular prostheses. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51247.	2.6	5
23	Physicochemical and biological characterization of nanocomposites made of segmented polyurethanes and Cloisite 30B. <i>Journal of Biomaterials Applications</i> , 2013, 28, 38-48.	2.4	3
24	Human mesenchymal stem cell behavior on segmented polyurethanes prepared with dexamethasone and beta-glycerol phosphate. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	4.1	0