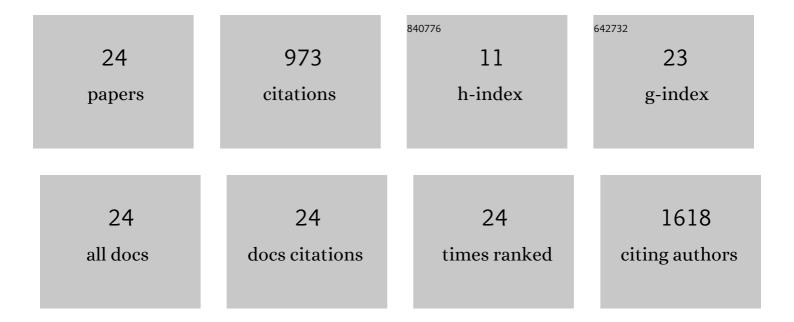
Rossana Faride Vargas-Coronado

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Evaluation of mild acid oxidation treatments for MWCNT functionalization. Carbon, 2009, 47, 2970-2975.	10.3	531
2	Degradation studies on segmented polyurethanes prepared with HMDI, PCL and different chain extenders. Acta Biomaterialia, 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. European Polymer Journal, 2017, 92, 27-39.	5.4	41
4	Characterization of bone cements prepared with functionalized methacrylates and hydroxyapatite. Journal of Biomaterials Science, Polymer Edition, 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. Journal of Biomaterials Science, Polymer Edition, 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. Journal of Materials Science: Materials in Medicine, 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. Journal of Materials Chemistry B, 2014, 2, 1966-1976.	5.8	30
8	The Effect of PEGDE Concentration and Temperature on Physicochemical and Biological Properties of Chitosan. Polymers, 2019, 11, 1830.	4.5	19
9	Antibacterial activity of a glass ionomer cement doped with copper nanoparticles. Dental Materials Journal, 2020, 39, 389-396.	1.8	19
10	Zinc Oxide and Copper Chitosan Composite Films with Antimicrobial Activity. Polymers, 2021, 13, 3861.	4.5	14
11	Physicochemical, Mechanical, and Biological Properties of Bone Cements Prepared with Functionalized Methacrylates. Journal of Biomaterials Applications, 2004, 19, 147-161.	2.4	12
12	Titanium - castor oil based polyurethane composite foams for bone tissue engineering. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 1415-1432.	3.5	11
13	Antibacterial Behavior of Chitosan-Sodium Hyaluronate-PEGDE Crosslinked Films. Applied Sciences (Switzerland), 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. Journal of Biomaterials Applications, 2013, 28, 270-277.	2.4	9
15	Preparation and characterization of titanium—segmented polyurethane composites for bone tissue engineering. Journal of Biomaterials Applications, 2018, 33, 11-22.	2.4	9
16	Preparation and bioactive properties of nano bioactive glass and segmented polyurethane composites. Journal of Biomaterials Applications, 2016, 30, 1362-1372.	2.4	8
17	Human mesenchymal stem cell behavior on segmented polyurethanes prepared with biologically active chain extenders. Journal of Materials Science: Materials in Medicine, 2016, 27, 38.	3.6	8
18	Synthesis and characterization of metformin-pluronic based polyurethanes for controlled drug delivery. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 656-667.	3.4	8

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#	Article	IF	CITATIONS
19	In vitro and in vivo anti-inflammatory properties of Mayan propolis. European Journal of Inflammation, 2020, 18, 205873922093528.	0.5	7
20	Surface characterisation of various bone cements prepared with functionalised methacrylates/bioactive ceramics in relation to HOB behaviour. Acta Biomaterialia, 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. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1601-1617.	3.5	5
22	On arginineâ€based polyurethaneâ€blends specific to vascular prostheses. Journal of Applied Polymer Science, 2021, 138, 51247.	2.6	5
23	Physicochemical and biological characterization of nanocomposites made of segmented polyurethanes and Cloisite 30B. Journal of Biomaterials Applications, 2013, 28, 38-48.	2.4	3
24	Human mesenchymal stem cell behavior on segmented polyurethanes prepared with dexamethasone and beta-glycerol phosphate. Frontiers in Bioengineering and Biotechnology, 0, 4, .	4.1	0