

# Ricardo Vera-Graziano

## List of Publications by Year in descending order

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26  
papers

406  
citations

759055

12  
h-index

752573

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning as a powerful technique for biomedical applications: a critically selected survey. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 157-176.	1.9	118
2	Enzymatic ring-opening polymerization of $\epsilon$ -caprolactone by <i>Yarrowia lipolytica</i> lipase in ionic liquids. Journal of Polymer Science Part A, 2009, 47, 5792-5805.	2.5	31
3	Modified avrami expression for polymer crystallization kinetics. Journal of Applied Polymer Science, 1991, 43, 779-782.	1.3	29
4	Gamma radiation induced crosslinking of polyethylene/ethylene vinylacetate blends. Radiation Physics and Chemistry, 1995, 45, 93-102.	1.4	26
5	Characterisation and modelling of the elastic properties of poly(lactic acid) nanofibre scaffolds. Journal of Materials Science, 2013, 48, 8308-8319.	1.7	24
6	Morphological Study of Chitosan/Poly (Vinyl Alcohol) Nanofibers Prepared by Electrospinning, Collected on Reticulated Vitreous Carbon. International Journal of Molecular Sciences, 2018, 19, 1718.	1.8	24
7	Drugs Loaded into Electrospun Polymeric Nanofibers for Delivery. Journal of Pharmacy and Pharmaceutical Sciences, 2019, 22, 313-331.	0.9	21
8	Grafting collagen on poly (lactic acid) by a simple route to produce electrospun scaffolds, and their cell adhesion evaluation. Tissue Engineering and Regenerative Medicine, 2016, 13, 375-387.	1.6	19
9	Self-diffracting effects in hybrid materials. Applied Physics Letters, 2007, 90, 091112.	1.5	17
10	The Effect of Illumination on Contact Angles of Pure Water on Crystalline Silicon. Journal of Colloid and Interface Science, 1995, 170, 591-597.	5.0	15
11	Effects of water on the long-term properties of Bis-GMA and silylated-Bis-GMA polymers. Journal of Applied Polymer Science, 2008, 107, 1169-1178.	1.3	14
12	Study of nanofiber scaffolds of PAA, PAA/CS, and PAA/ALG for its potential use in biotechnological applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 800-807.	1.8	12
13	Mineralogical characterization of the fine fraction (<math><2\mu\text{m}</math>) of degraded volcanic soils and tepetates in Mexico. Applied Clay Science, 2010, 49, 348-358.	2.6	11
14	<i>In Vivo</i> Biocompatibility of Dental Scaffolds for Tissue Regeneration. Advanced Materials Research, 0, 976, 191-195.	0.3	9
15	Characterization of chain dimensions of poly( $\epsilon$ -caprolactone) diols in THF by size-exclusion chromatography coupled with multi-angle light scattering (SEC-MALS). Journal of Polymer Research, 2015, 22, 1.	1.2	9
16	The Effect of Illumination on the Contact Angles of Pure Water on Amorphous Silicon. Journal of Colloid and Interface Science, 1993, 155, 360-368.	5.0	5
17	Bulk polymerization of 1,3,5,7-tetravinyltetramethylcyclotetrasiloxane induced by gamma radiation. Radiation Physics and Chemistry, 1998, 51, 101-106.	1.4	5
18	Spontaneous, Solvent-Free, Polymer-Templated, Solid-Solid Transformation of Thin Metal Films into Nanoparticles. Nano Letters, 2016, 16, 5420-5425.	4.5	5

#	ARTICLE	IF	CITATIONS
19	Characterization of mechanically reinforced electrospun dextrin-polyethylene oxide sub-microfiber mats. <i>Polymer Engineering and Science</i> , 2019, 59, 1778-1786.	1.5	5
20	Study of shrinkage-strain and contraction rates of commercial and experimental compomers. <i>Dental Materials</i> , 2006, 22, 1063-1070.	1.6	3
21	Silicon-29 and carbon-13 nuclear magnetic resonance identification of intermediates developed during the formation of a hybrid based on tetraethoxysilane (TEOS) and 4-[(5-dichloromethyl)(silyl)pentoxy]cyanobenzene (DCN). <i>Journal of Applied Polymer Science</i> , 2006, 99, 520-531.	1.3	2
22	Electrospun Ultrafine Cationic Cellulose Fibers Produced from Sugarcane Bagasse for Potential Textile Applications. <i>Polymers</i> , 2021, 13, 3927.	2.0	2
23	Polymeric gels used as transient recording medium for infrared interferograms. <i>Infrared Physics and Technology</i> , 1995, 36, 1017-1024.	1.3	0
24	Synthesis And Characterization Of A New Family Of Hybrid Organic-Inorganic Glasses. <i>Materials Research Innovations</i> , 2005, 9, 72-73.	1.0	0
25	Fabricación de nanofibras de TiO <sub>2</sub> /ZnO para aplicaciones de almacenamiento de energía. <i>Orinoquia</i> , 2017, 21, 56-63.	0.1	0
26	Cellular Responses to Nanomaterials with Biomedical Applications. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-3.	1.5	0