

Robert Quintana

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

636
citations

13
h-index

25
g-index

28
ext. papers

718
ext. citations

4.7
avg. IF

3.69
L-index

#	Paper	IF	Citations
27	Viscoelastic Properties and Sulfur Distribution at the Nanoscale in Binary Elastomeric Blends: Toward Phase-Specific Cross-Link Density Estimations. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 3287-3294	4.3	0
26	Insights on the Atmospheric-Pressure Plasma-Induced Free-Radical Polymerization of Allyl Ether Cyclic Carbonate Liquid Layers. <i>Polymers</i> , 2021 , 13,	4.5	2
25	Atmospheric pressure plasma liquid assisted deposition of polydopamine/acrylate copolymer on zirconia (Y-TZP) ceramics: a biocompatible and adherent nanofilm.. <i>RSC Advances</i> , 2021 , 11, 17360-17368	3.7	0
24	Controlled co-immobilization of biomolecules on quinone-bearing plasma polymer films for multifunctional biomaterial surfaces. <i>Plasma Processes and Polymers</i> , 2020 , 17, 2000090	3.4	3
23	Brush Swelling and Attachment Strength of Barnacle Adhesion Protein on Zwitterionic Polymer Films as a Function of Macromolecular Structure. <i>Langmuir</i> , 2019 , 35, 8085-8094	4	14
22	Anti-biofouling activity of Ranaspumin-2 bio-surfactant immobilized on catechol-functional PMMA thin layers prepared by atmospheric plasma deposition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 178, 120-128	6	12
21	Atmospheric Plasma Deposition of Methacrylate Layers Containing Catechol/Quinone Groups: An Alternative to Polydopamine Bioconjugation for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701059	10.1	13
20	Phloretic acid as an alternative to the phenolation of aliphatic hydroxyls for the elaboration of polybenzoxazine. <i>Green Chemistry</i> , 2017 , 19, 5065-5073	10	50
19	Compatibilization of co-plasticized cellulose acetate/water soluble polymers blends by reactive extrusion. <i>Polymer Degradation and Stability</i> , 2016 , 126, 31-38	4.7	13
18	Deposition of zwitterionic polymer brushes in a dense gas medium. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 156-62	9.3	6
17	Surface charge control for zwitterionic polymer brushes: Tailoring surface properties to antifouling applications. <i>Journal of Colloid and Interface Science</i> , 2015 , 452, 43-53	9.3	98
16	Compact test apparatus for evaluation of flow erosion of marine coatings. <i>Review of Scientific Instruments</i> , 2015 , 86, 105115	1.7	1
15	Reactive compatibilization of poly(l-lactide)/poly(butylene succinate) blends through polyester maleation: from materials to properties. <i>Polymer International</i> , 2014 , 63, 1724-1731	3.3	24
14	Biomimicking micropatterned surfaces and their effect on marine biofouling. <i>Langmuir</i> , 2014 , 30, 9165-74	7.5	74
13	Sulfobetaine-based polymer brushes in marine environment: is there an effect of the polymerizable group on the antifouling performance?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 120, 118-24	6	48
12	Grafted d/l-lactide to cellulose acetate by reactive melt processing: Its role as CA/PLA blend compatibilizer. <i>European Polymer Journal</i> , 2014 , 57, 30-36	5.2	16
11	Enhancement of cellulose acetate degradation under accelerated weathering by plasticization with eco-friendly plasticizers. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1556-1562	4.7	37

10	Enhanced stability of low fouling zwitterionic polymer brushes in seawater with diblock architecture. <i>Langmuir</i> , 2013 , 29, 10859-67	4	84
9	Poly(ethylene terephthalate) terpolyesters containing 1,4-cyclohexanedimethanol and isosorbide. <i>High Performance Polymers</i> , 2012 , 24, 24-30	1.6	15
8	Recent advances in (reactive) melt processing of cellulose acetate and related biodegradable bio-compositions. <i>Polymer Chemistry</i> , 2012 , 3, 591-595	4.9	32
7	Polyterephthalates made from Ethylene glycol, 1,4-cyclohexanedimethanol, and isosorbide. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2252-2260	2.5	53
6	Poly(ethylene terephthalate-co-isophthalate) copolyesters obtained from ethylene terephthalate and isophthalate oligomers. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 1823-1830	2.9	10
5	Rheological Features and Flow-Induced Crystallization of Branched Poly[ethylene-co-(1,4-cyclohexanedimethylene terephthalate)] Copolyesters. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 836-846	3.9	7
4	Molecular dynamics of poly(butylene tert-butyl isophthalate) and its copolymers with poly(butylene terephthalate) as revealed by broadband dielectric spectroscopy. <i>Polymer</i> , 2006 , 47, 7078-7084	3.9	5
3	Poly(butylene terephthalate-co-5-tert-butyl isophthalate) copolyesters: Synthesis, characterization, and properties. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 92-100	2.5	8
2	Poly(ethylene isophthalate)s: effect of the tert-butyl substituent on structure and properties. <i>Polymer</i> , 2004 , 45, 5005-5012	3.9	9
1	Inkjet-Printed Piezoelectric Thin Films for Transparent Haptics. <i>Advanced Materials Technologies</i> , 2001 , 14, 7.8	17.8	2