

# Robert Quintana

## List of Publications by Citations

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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	Surface charge control for zwitterionic polymer brushes: Tailoring surface properties to antifouling applications. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 452, 43-53	9.3	98
26	Enhanced stability of low fouling zwitterionic polymer brushes in seawater with diblock architecture. <i>Langmuir</i> , <b>2013</b> , 29, 10859-67	4	84
25	Biomimicking micropatterned surfaces and their effect on marine biofouling. <i>Langmuir</i> , <b>2014</b> , 30, 9165-75	4.5	74
24	Polyterephthalates made from Ethylene glycol, 1,4-cyclohexanedimethanol, and isosorbide. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 2252-2260	2.5	53
23	Phloretic acid as an alternative to the phenolation of aliphatic hydroxyls for the elaboration of polybenzoxazine. <i>Green Chemistry</i> , <b>2017</b> , 19, 5065-5073	10	50
22	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> , <b>2014</b> , 120, 118-24	6	48
21	Enhancement of cellulose acetate degradation under accelerated weathering by plasticization with eco-friendly plasticizers. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 1556-1562	4.7	37
20	Recent advances in (reactive) melt processing of cellulose acetate and related biodegradable bio-compositions. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 591-595	4.9	32
19	Reactive compatibilization of poly(l-lactide)/poly(butylene succinate) blends through polyester maleation: from materials to properties. <i>Polymer International</i> , <b>2014</b> , 63, 1724-1731	3.3	24
18	Grafted d/l-lactide to cellulose acetate by reactive melt processing: Its role as CA/PLA blend compatibilizer. <i>European Polymer Journal</i> , <b>2014</b> , 57, 30-36	5.2	16
17	Poly(ethylene terephthalate) terpolyesters containing 1,4-cyclohexanedimethanol and isosorbide. <i>High Performance Polymers</i> , <b>2012</b> , 24, 24-30	1.6	15
16	Brush Swelling and Attachment Strength of Barnacle Adhesion Protein on Zwitterionic Polymer Films as a Function of Macromolecular Structure. <i>Langmuir</i> , <b>2019</b> , 35, 8085-8094	4	14
15	Atmospheric Plasma Deposition of Methacrylate Layers Containing Catechol/Quinone Groups: An Alternative to Polydopamine Bioconjugation for Biomedical Applications. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701059	10.1	13
14	Compatibilization of co-plasticized cellulose acetate/water soluble polymers blends by reactive extrusion. <i>Polymer Degradation and Stability</i> , <b>2016</b> , 126, 31-38	4.7	13
13	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> , <b>2019</b> , 178, 120-128	6	12
12	Poly(ethylene terephthalate-co-isophthalate) copolyesters obtained from ethylene terephthalate and isophthalate oligomers. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 1823-1830	2.9	10
11	Poly(ethylene isophthalate)s: effect of the tert-butyl substituent on structure and properties. <i>Polymer</i> , <b>2004</b> , 45, 5005-5012	3.9	9

10	Poly(butylene terephthalate-co-5-tert-butyl isophthalate) copolyesters: Synthesis, characterization, and properties. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 92-100	2.5	8
9	Rheological Features and Flow-Induced Crystallization of Branched Poly[ethylene-co-(1,4-cyclohexanedimethylene terephthalate)] Copolyesters. <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 836-846	3.9	7
8	Deposition of zwitterionic polymer brushes in a dense gas medium. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 448, 156-62	9.3	6
7	Molecular dynamics of poly(butylene tert-butyl isophthalate) and its copolymers with poly(butylene terephthalate) as revealed by broadband dielectric spectroscopy. <i>Polymer</i> , <b>2006</b> , 47, 7078-7084	3.0	5
6	Controlled co-immobilization of biomolecules on quinone-bearing plasma polymer films for multifunctional biomaterial surfaces. <i>Plasma Processes and Polymers</i> , <b>2020</b> , 17, 2000090	3.4	3
5	Insights on the Atmospheric-Pressure Plasma-Induced Free-Radical Polymerization of Allyl Ether Cyclic Carbonate Liquid Layers. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
4	Inkjet-Printed Piezoelectric Thin Films for Transparent Haptics. <i>Advanced Materials Technologies</i> , <b>2020</b> , 14, 2200147	7.8	2
3	Compact test apparatus for evaluation of flow erosion of marine coatings. <i>Review of Scientific Instruments</i> , <b>2015</b> , 86, 105115	1.7	1
2	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> , <b>2021</b> , 3, 3287-3297	4.3	0
1	Atmospheric pressure plasma liquid assisted deposition of polydopamine/acrylate copolymer on zirconia (Y-TZP) ceramics: a biocompatible and adherent nanofilm.. <i>RSC Advances</i> , <b>2021</b> , 11, 17360-17368	3.7	0