

# Luis J Del Valle

## 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.

209  
papers

3,198  
citations

28  
h-index

42  
g-index

221  
ext. papers

3,761  
ext. citations

4.3  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
209	Medicated Scaffolds Prepared with Hydroxyapatite/Streptomycin Nanoparticles Encapsulated into Polylactide Microfibers.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
208	Comparison of cytokines levels among COVID-19 patients living at sea level and high altitude.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 96	4	4
207	Electrospun scaffolds for wound healing applications from poly(4-hydroxybutyrate): A biobased and biodegradable linear polymer with high elastomeric properties. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51447	2.9	2
206	Detection of SARS-CoV-2 antibodies in febrile patients from an endemic region of dengue and chikungunya in Peru.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265820	3.7	1
205	Micro- and Nanotexturization of Liquid Silicone Rubber Surfaces by Injection Molding Using Hybrid Polymer Inlays. <i>Macromolecular Materials and Engineering</i> , <b>2022</b> , 307, 2100741	3.9	
204	Poly(butylene succinate) matrices obtained by thermally-induced phase separation: Pore shape and orientation affect drug release. <i>Polymer</i> , <b>2022</b> , 252, 124916	3.9	0
203	Identification of Coinfections by Viral and Bacterial Pathogens in COVID-19 Hospitalized Patients in Peru: Molecular Diagnosis and Clinical Characteristics. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	3
202	Detection of dengue virus serotype 3 in Cajamarca, Peru: Molecular diagnosis and clinical characteristics. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2021</b> , 14, 456	2.1	
201	Plasma-Functionalized Isotactic Polypropylene Assembled with Conducting Polymers for Bacterial Quantification by NADH Sensing. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100425	10.1	0
200	Leptospirosis in febrile patients with suspected diagnosis of dengue fever. <i>BMC Research Notes</i> , <b>2021</b> , 14, 209	2.3	1
199	Genotype-specific prevalence of human papillomavirus infection in asymptomatic Peruvian women: a community-based study. <i>BMC Research Notes</i> , <b>2021</b> , 14, 172	2.3	0
198	Optimization of permanently polarized hydroxyapatite catalyst. Implications for the electrophotosynthesis of amino acids by nitrogen and carbon fixation. <i>Journal of Catalysis</i> , <b>2021</b> , 397, 98-107	7.3	1
197	Nanoparticle-driven self-assembling injectable hydrogels provide a multi-factorial approach for chronic wound treatment. <i>Acta Biomaterialia</i> , <b>2021</b> , 134, 131-143	10.8	6
196	Nanotheranostic Interface Based on Antibiotic-Loaded Conducting Polymer Nanoparticles for Real-Time Monitoring of Bacterial Growth Inhibition. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001636 <sup>10.1</sup>		3
195	Self-assembly of supramolecular chemoenzymatic poly-L-phenylalanine. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1199-1209	4.9	5
194	Variations in cervico-vaginal microbiota among HPV-positive and HPV-negative asymptomatic women in Peru. <i>BMC Research Notes</i> , <b>2021</b> , 14, 4	2.3	0
193	Hydroxyapatite Based Polymer Composites for Regenerative Medicine Applications <b>2021</b> , 785-803		

192	Tuning multilayered polymeric self-standing films for controlled release of L-lactate by electrical stimulation. <i>Journal of Controlled Release</i> , <b>2021</b> , 330, 669-683	11.7	2
191	Melt Electrospinning of Polymers: Blends, Nanocomposites, Additives and Applications. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1808	2.6	11
190	Clinical characteristics and molecular detection of in hospitalized children with a clinical diagnosis of whooping cough in Peru. <i>Iranian Journal of Microbiology</i> , <b>2021</b> , 13, 23-30	0.9	1
189	Recent Progress on Biodegradable Tissue Engineering Scaffolds Prepared by Thermally-Induced Phase Separation (TIPS). <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	15
188	Chloramphenicol loaded polylactide melt electrospun scaffolds for biomedical applications. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 606, 120897	6.5	0
187	Hydrolytic and enzymatic degradation of biobased poly(4-hydroxybutyrate) films. Selective etching of spherulites. <i>Polymer Degradation and Stability</i> , <b>2021</b> , 183, 109451	4.7	5
186	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
185	A silent public health threat: emergence of Mayaro virus and co-infection with Dengue in Peru. <i>BMC Research Notes</i> , <b>2021</b> , 14, 29	2.3	4
184	Biobased Terpene Derivatives: Stiff and Biocompatible Compounds to Tune Biodegradability and Properties of Poly(butylene succinate).. <i>Polymers</i> , <b>2021</b> , 14,	4.5	2
183	Poly(hydroxybutyrate--hydroxyvalerate) Porous Matrices from Thermally Induced Phase Separation. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3
182	Unidentified dengue serotypes in DENV positive samples and detection of other pathogens responsible for an acute febrile illness outbreak 2016 in Cajamarca, Peru. <i>BMC Research Notes</i> , <b>2020</b> , 13, 467	2.3	1
181	Semi-Interpenetrated Hydrogels-Microfibers Electroactive Assemblies for Release and Real-Time Monitoring of Drugs. <i>Macromolecular Bioscience</i> , <b>2020</b> , 20, e2000074	5.5	1
180	Biodegradable Polylactide Scaffolds with Pharmacological Activity by Means of Ultrasound Micromolding Technology. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3106	2.6	3
179	Poly(gallic acid)-coated polycaprolactone inhibits oxidative stress in epithelial cells. <i>Materials Science and Engineering C</i> , <b>2020</b> , 115, 111154	8.3	5
178	Encapsulation and Storage of Therapeutic Fibrin-Homing Peptides using Conducting Polymer Nanoparticles for Programmed Release by Electrical Stimulation. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 2135-2145	5.5	18
177	Oropouche infection a neglected arbovirus in patients with acute febrile illness from the Peruvian coast. <i>BMC Research Notes</i> , <b>2020</b> , 13, 67	2.3	4
176	An emerging public health threat: Mayaro virus increases its distribution in Peru. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 92, 253-258	10.5	9
175	Polypropylene mesh for hernia repair with controllable cell adhesion/de-adhesion properties. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 1049-1059	7.3	15

174	Gut microbiota in hospitalized children with acute infective gastroenteritis caused by virus or bacteria in a regional Peruvian hospital. <i>PeerJ</i> , <b>2020</b> , 8, e9964	3.1	3
173	Improvement of Biodegradability and Biocompatibility of Electrospun Scaffolds of Poly(butylene terephthalate) by Incorporation of Sebacate Units. <i>Macromolecular Research</i> , <b>2020</b> , 28, 23-32	1.9	2
172	Microstructural Changes during Degradation of Biobased Poly(4-hydroxybutyrate) Sutures. <i>Polymers</i> , <b>2020</b> , 12,	4.5	1
171	Smart design for a flexible, functionalized and electroresponsive hybrid platform based on poly(3,4-ethylenedioxythiophene) derivatives to improve cell viability. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 8864-8877	7.3	2
170	Development of an antimicrobial and antioxidant hydrogel/nano-electrospun wound dressing.. <i>RSC Advances</i> , <b>2020</b> , 10, 30508-30518	3.7	4
169	Electrochemical Sensor for Bacterial Metabolism Based on the Detection of NADH by Polythiophene Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 22181-22190	3.8	10
168	Antimicrobial activity of poly(3,4-ethylenedioxythiophene) n-doped with a pyridinium-containing polyelectrolyte. <i>Soft Matter</i> , <b>2019</b> , 15, 7695-7703	3.6	9
167	Non-Isothermal Crystallization Kinetics of Poly(4-Hydroxybutyrate) Biopolymer. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
166	Cell Responses to Electrical Pulse Stimulation for Anticancer Drug Release. <i>Materials</i> , <b>2019</b> , 12,	3.5	7
165	Amorphous binary dispersions of chloramphenicol in enantiomeric pure and racemic poly-lactic acid: Morphology, molecular relaxations, and controlled drug release. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 568, 118565	6.5	6
164	Identification of viral and bacterial etiologic agents of the pertussis-like syndrome in children under 5 years old hospitalized. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 75	4	11
163	Influence of the atmosphere conditions in the structure, properties and solubility of fluorine-substituted hydroxyapatites. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 226, 279-289	4.4	4
162	Scaffolds for Sustained Release of Ambroxol Hydrochloride, a Pharmacological Chaperone That Increases the Activity of Misfolded $\beta$ Glucocerebrosidase. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900130	5.5	3
161	Preparation of Medicated Polylactide Micropieces by Means of Ultrasonic Technology. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2360	2.6	8
160	First outbreak of Oropouche Fever reported in a non-endemic western region of the Peruvian Amazon: Molecular diagnosis and clinical characteristics. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 83, 139-144	10.5	7
159	Biomimetic hybrid membranes: incorporation of transport proteins/peptides into polymer supports. <i>Soft Matter</i> , <b>2019</b> , 15, 2722-2736	3.6	9
158	Peptide Self-Assembly into Hydrogels for Biomedical Applications Related to Hydroxyapatite. <i>Gels</i> , <b>2019</b> , 5,	4.2	28
157	Dengue diagnosis in an endemic area of Peru: Clinical characteristics and positive frequencies by RT-PCR and serology for NS1, IgM, and IgG. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 81, 31-37	10.5	8

156	Electrospun Conducting and Biocompatible Uniaxial and Core-Shell Fibers Having Poly(lactic acid), Poly(ethylene glycol), and Polyaniline for Cardiac Tissue Engineering. <i>ACS Omega</i> , <b>2019</b> , 4, 3660-3672	3.9	43
155	Perforated polyester nanomebranes as templates of electroactive and robust free-standing films. <i>European Polymer Journal</i> , <b>2019</b> , 114, 213-222	5.2	5
154	Isothermal Crystallization Kinetics of Poly(4-hydroxybutyrate) Biopolymer. <i>Materials</i> , <b>2019</b> , 12,	3.5	8
153	Biominerals Formed by DNA and Calcium Oxalate or Hydroxyapatite: A Comparative Study. <i>Langmuir</i> , <b>2019</b> , 35, 11912-11922	4	3
152	Drug delivery systems based on intrinsically conducting polymers. <i>Journal of Controlled Release</i> , <b>2019</b> , 309, 244-264	11.7	47
151	Incorporation of Chloramphenicol Loaded Hydroxyapatite Nanoparticles into Polylactide. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
150	Detection of human Metapneumovirus infection in children under 18 years old hospitalized in Lima-Peru. <i>PeerJ</i> , <b>2019</b> , 7, e7266	3.1	1
149	Removal of Paracetamol Using Effective Advanced Oxidation Processes. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	12
148	Other Miscellaneous Materials and Their Nanocomposites <b>2019</b> , 353-398		
147	Nucleating and retarding effects of nanohydroxyapatite on the crystallization of poly(butylene terephthalate-co-alkylene dicarboxylate)s with different lengths. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 137, 421-435	4.1	2
146	Hydroxyapatite with Permanent Electrical Polarization: Preparation, Characterization, and Response against Inorganic Adsorbates. <i>ChemPhysChem</i> , <b>2018</b> , 19, 1746-1755	3.2	15
145	Sustainable synthesis of amino acids by catalytic fixation of molecular dinitrogen and carbon dioxide. <i>Green Chemistry</i> , <b>2018</b> , 20, 685-693	10	17
144	Grafting of Hydroxyapatite for Biomedical Applications <b>2018</b> , 45-80		4
143	Tunable Drug Loading and Reinforcement of Polycaprolactone Films by Means of Electrospun Nanofibers of Glycolide Segmented Copolymers. <i>Macromolecular Materials and Engineering</i> , <b>2018</b> , 303, 1700401	3.9	3
142	Comparison of nanocrystals and nanofibers produced from shrimp shell Echin: From energy production to material cytotoxicity and Pickering emulsion properties. <i>Carbohydrate Polymers</i> , <b>2018</b> , 196, 385-397	10.3	67
141	Sustainable Solid-State Supercapacitors Made of 3D-Poly(3,4-ethylenedioxythiophene) and E Carrageenan Biohydrogel. <i>Advanced Engineering Materials</i> , <b>2018</b> , 20, 1800018	3.5	6
140	Loading of Antibiotic into Biocoated Hydroxyapatite Nanoparticles: Smart Antitumor Platforms with Regulated Release. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 3234-3245	5.5	18
139	Antimicrobial Activity of Poly(ester urea) Electrospun Fibers Loaded with Bacteriophages. <i>Fibers</i> , <b>2018</b> , 6, 33	3.7	9

138	Thermomechanical Response of a Representative Porin for Biomimetics. <i>ACS Omega</i> , <b>2018</b> , 3, 7856-7867, 3.9	11
137	Amphiphilic polypyrrole-poly(Schiff base) copolymers with poly(ethylene glycol) side chains: synthesis, properties and applications. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 4218-4232	4.9 16
136	Molecular Detection of in in Cajamarca, Peru: A New Potential Vector of Carrion\$ Disease in Peru?. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2018</b> , 99, 1229-1233	3.2 6
135	Molecular detection and clinical characteristics of Bartonella bacilliformis, Leptospira spp., and Rickettsia spp. in the Southeastern Peruvian Amazon basin. <i>BMC Infectious Diseases</i> , <b>2018</b> , 18, 618	4 7
134	Highly clarithromycin-resistant Helicobacter pylori infection in asymptomatic children from a rural community of Cajamarca-Peru. <i>BMC Research Notes</i> , <b>2018</b> , 11, 809	2.3 7
133	Simulation basis for a techno-economic evaluation of chitin nanomaterials production process using Aspen Plus software. <i>Data in Brief</i> , <b>2018</b> , 20, 1556-1560	1.2 6
132	Smart Drug Delivery from Electrospun Fibers through Electroresponsive Polymeric Nanoparticles.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 1594-1605	4.1 29
131	Scaffolds with Tunable Properties Constituted by Electrospun Nanofibers of Polyglycolide and Poly(Ecaprolactone). <i>Macromolecular Materials and Engineering</i> , <b>2018</b> , 303, 1800100	3.9 7
130	Histidine decarboxylase-positive lactic acid bacteria strains and the formation of histamine in ripened cheeses. <i>Journal of Food Processing and Preservation</i> , <b>2018</b> , 42, e13708	2.1 2
129	Properties of Omp2a-Based Supported Lipid Bilayers: Comparison with Polymeric Bioinspired Membranes. <i>ACS Omega</i> , <b>2018</b> , 3, 9003-9019	3.9 7
128	Biodegradable nanofibrous scaffolds as smart delivery vehicles for amino acids. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9 4
127	Thermal degradation of random copolyesters based on 1,4-butanediol, terephthalic acid and different aliphatic dicarboxylic acids. <i>Thermochimica Acta</i> , <b>2017</b> , 654, 101-111	2.9 4
126	Growth of epithelial cells on films of enzymatically synthesized poly(gallic acid) crosslinked to carboxymethylcellulose. <i>RSC Advances</i> , <b>2017</b> , 7, 17660-17669	3.7 8
125	Presence of Listeria monocytogenes in Prepared Foods: Analysis of Influencing Factors. <i>Journal of Food Processing and Preservation</i> , <b>2017</b> , 41, e12842	2.1 2
124	Preparation of random poly(butylene alkylate-co-terephthalate)s with different methylene group contents: crystallization and degradation kinetics. <i>Journal of Polymer Research</i> , <b>2017</b> , 24, 1	2.7 0
123	Molecular etiological profile of atypical bacterial pathogens, viruses and coinfections among infants and children with community acquired pneumonia admitted to a national hospital in Lima, Peru. <i>BMC Research Notes</i> , <b>2017</b> , 10, 688	2.3 10
122	Poly(Ecaprolactone) films reinforced with chlorhexidine loaded electrospun polylactide microfibers. <i>EXPRESS Polymer Letters</i> , <b>2017</b> , 11, 674-689	3.4 12
121	The biocompatible polythiophene-g-polycaprolactone copolymer as an efficient dopamine sensor platform. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 6112-6122	4.9 17

120 Composites Based on Hydroxyapatite and Biodegradable Polylactide **2017**, 183-214

119 Electrostimulated Release of Neutral Drugs from Polythiophene Nanoparticles: Smart Regulation of Drug-Polymer Interactions. *Advanced Healthcare Materials*, **2017**, 6, 1700453 10.1 29

118 Weighing biointeractions between fibrin(ogen) and clot-binding peptides using microcantilever sensors. *Journal of Peptide Science*, **2017**, 23, 162-171 2.1 7

117 Biodegradability and biocompatibility of copoly(butylene sebacate-co-terephthalate)s. *Polymer Degradation and Stability*, **2017**, 135, 18-30 4.7 14

116 Incorporation of biguanide compounds into poly(GL)-b-poly(GL-co-TMC-co-CL)-b-poly(GL) monofilament surgical sutures. *Materials Science and Engineering C*, **2017**, 71, 629-640 8.3 6

115 Study of the degradation performance (TOC, BOD, and toxicity) of bisphenol A by the photo-Fenton process. *Environmental Science and Pollution Research*, **2017**, 24, 6241-6251 5.1 12

114 Hydrogels for Biomedical Applications: Cellulose, Chitosan, and Protein/Peptide Derivatives. *Gels*, **2017**, 3, 4.2 99

113 Biodegradable and Biocompatible Systems Based on Hydroxyapatite Nanoparticles. *Applied Sciences (Switzerland)*, **2017**, 7, 60 2.6 55

112 Antimicrobial Electrospun Fibers of Polyester Loaded with Engineered Cyclic Gramicidin Analogues. *Fibers*, **2017**, 5, 34 3.7 3

111 High Prevalence of Mycoplasma pneumoniae and Chlamydia pneumoniae in Children with Acute Respiratory Infections from Lima, Peru. *PLoS ONE*, **2017**, 12, e0170787 3.7 18

110 Emerging and reemerging arboviruses: A new threat in Eastern Peru. *PLoS ONE*, **2017**, 12, e0187897 3.7 25

109 Prevalencia de compra sin receta y recomendaci3n de antibi3ticos para ni3os menores de 5 a3os en farmacias privadas de zonas periurbanas en Lima, Per3Revista Peruana De Medicina De Experimental Y Salud Publica, **2016**, 33, 215 4 7

108 Confinement of a E-barrel protein in nanoporated free-standing nanomembranes for ion transport. *Nanoscale*, **2016**, 8, 16922-16935 7.7 16

107 Fibrin Association at Hybrid Biointerfaces Made of Clot-Binding Peptides and Polythiophene. *Macromolecular Bioscience*, **2016**, 16, 1461-1474 5.5 9

106 Dissolving Hydroxylite: A DNA Molecule into Its Hydroxyapatite Mold. *Chemistry - A European Journal*, **2016**, 22, 6631-6 4.8 11

105 Nanoperforations in poly(lactic acid) free-standing nanomembranes to promote interactions with cell filopodia. *European Polymer Journal*, **2016**, 75, 552-564 5.2 17

104 Semiconducting, biodegradable and bioactive fibers for drug delivery. *EXPRESS Polymer Letters*, **2016**, 10, 628-646 3.4 14

103 Smart systems related to polypeptide sequences. *AIMS Materials Science*, **2016**, 3, 289-323 1.9 4



102	Electrospun biodegradable polymers loaded with bactericide agents. <i>AIMS Molecular Science</i> , <b>2016</b> , 3, 52-87	0.9	22
101	Effect of Hydroxyapatite Nanoparticles on the Degradability of Random Poly(butylene terephthalate-co-aliphatic dicarboxylate)s Having a High Content of Terephthalic Units. <i>Polymers</i> , <b>2016</b> , 8,	4.5	9
100	Multifunctional ternary drug-loaded electrospun scaffolds. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	9
99	A multi-step template-assisted approach for the formation of conducting polymer nanotubes onto conducting polymer films. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3540-3550	4.9	9
98	Hierarchical self-assembly of di-, tri- and tetraphenylalanine peptides capped with two fluorenyl functionalities: from polymorphs to dendrites. <i>Soft Matter</i> , <b>2016</b> , 12, 5475-88	3.6	21
97	Electrospray loading and release of hydrophobic gramicidin in polyester microparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 73045-73055	3.7	6
96	Electrospun fibrous mats from a l-phenylalanine based poly(ester amide): Drug delivery and accelerated degradation by loading enzymes. <i>Polymer Degradation and Stability</i> , <b>2015</b> , 119, 275-287	4.7	11
95	Electroactive polymer-peptide conjugates for adhesive biointerfaces. <i>Biomaterials Science</i> , <b>2015</b> , 3, 1395-1405	4.05	25
94	Amino acid-based poly(ester amide) nanofibers for tailored enzymatic degradation prepared by miniemulsion-electrospinning. <i>RSC Advances</i> , <b>2015</b> , 5, 55006-55014	3.7	16
93	Examining the compatibility of collagen and a polythiophene derivative for the preparation of bioactive platforms. <i>RSC Advances</i> , <b>2015</b> , 5, 9189-9203	3.7	6
92	Incidence of respiratory viruses in Peruvian children with acute respiratory infections. <i>Journal of Medical Virology</i> , <b>2015</b> , 87, 917-24	19.7	11
91	Comparison of the microbial dynamics and biochemistry of laboratory sourdoughs prepared with grape, apple and yogurt. <i>Food Science and Technology International</i> , <b>2015</b> , 21, 428-39	2.6	12
90	Electrospun scaffolds of polylactide with a different enantiomeric content and loaded with anti-inflammatory and antibacterial drugs. <i>Macromolecular Research</i> , <b>2015</b> , 23, 636-648	1.9	11
89	Electrosprayed poly(butylene succinate) microspheres loaded with indole derivatives: A system with anticancer activity. <i>European Polymer Journal</i> , <b>2015</b> , 71, 196-209	5.2	14
88	Effect of aerobic and microaerophilic culture in the growth dynamics of <i>Saccharomyces cerevisiae</i> and in training of quiescent and non-quiescent subpopulations. <i>Archives of Microbiology</i> , <b>2015</b> , 197, 991-9	3	3
87	Effect of the graft ratio on the properties of polythiophene-g-poly(ethylene glycol). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2015</b> , 53, 239-252	2.6	26
86	Microfibres of conducting polythiophene and biodegradable poly(ester urea) for scaffolds. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 925-937	4.9	19
85	New poly(ester urea) derived from L-leucine: electrospun scaffolds loaded with antibacterial drugs and enzymes. <i>Materials Science and Engineering C</i> , <b>2015</b> , 46, 450-62	8.3	19



84	Synergistic approach to elucidate the incorporation of magnesium ions into hydroxyapatite. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2537-46	4.8	23
83	Electrospun Scaffolds from Low Molecular Weight Poly(ester amide)s Based on Glycolic Acid, Adipic Acid and Odd or Even Diamines. <i>Fibers</i> , <b>2015</b> , 3, 151-172	3.7	0
82	Electroactive and bioactive films of random copolymers containing terthiophene, carboxyl and Schiff base functionalities in the main chain. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 4319-4335	4.9	8
81	An experimental-computer modeling study of inorganic phosphates surface adsorption on hydroxyapatite particles. <i>Dalton Transactions</i> , <b>2015</b> , 44, 9980-91	4.3	13
80	Polybiguanide (PHMB) loaded in PLA scaffolds displaying high hydrophobic, biocompatibility and antibacterial properties. <i>Materials Science and Engineering C</i> , <b>2015</b> , 50, 74-84	8.3	58
79	Biocompatibility and drug release behavior of scaffolds prepared by coaxial electrospinning of poly(butylene succinate) and polyethylene glycol. <i>Materials Science and Engineering C</i> , <b>2015</b> , 49, 472-484	8.3	91
78	Polypyrrole-supported membrane proteins for bio-inspired ion channels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 1632-43	9.5	19
77	Scaffolds with tuneable hydrophilicity from electrospun microfibers of polylactide and poly(ethylene glycol) mixtures: morphology, drug release behavior, and biocompatibility. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	18
76	Diarrhoea caused by rotavirus in a regional Peruvian hospital: determination of circulating genotypes. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2014</b> , 108, 425-30	2	9
75	Micro-molding with ultrasonic vibration energy: new method to disperse nanoclays in polymer matrices. <i>Ultrasonics Sonochemistry</i> , <b>2014</b> , 21, 1557-69	8.9	43
74	Inhibition of radical-induced oxidative DNA damage by antioxidants loaded in electrospun polylactide nanofibers. <i>Macromolecular Research</i> , <b>2014</b> , 22, 388-396	1.9	11
73	Poly(butylene azelate-co-butylene succinate) copolymers: Crystalline morphologies and degradation. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 99, 80-91	4.7	25
72	DNA adsorbed on hydroxyapatite surfaces. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6953-6966	7.3	32
71	Preparation of micro-molded exfoliated clay nanocomposites by means of ultrasonic technology. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	11
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