

Jose Manuel Cornejo-Bravo

List of Publications by Year in descending order

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71
papers

1,247
citations

516215

16
h-index

395343

33
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72
all docs

72
docs citations

72
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug-Medical Device Combination Product Design and Quality Control. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 37-53.	0.3	0
2	Pharmaceutical Nanosystems and Their Quality Control. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 24-36.	0.3	0
3	Comparative Study of Polycaprolactone Electrospun Fibers and Casting Films Enriched with Carbon and Nitrogen Sources and Their Potential Use in Water Bioremediation. Membranes, 2022, 12, 327.	1.4	2
4	Cellular Responses to Nanomaterials with Biomedical Applications. Journal of Nanomaterials, 2022, 2022, 1-3.	1.5	0
5	Non-Functionalized Gold Nanoparticles Inhibit Human Papillomavirus (HPV) Infection. International Journal of Molecular Sciences, 2022, 23, 7552.	1.8	2
6	Development, characterization, and <i>in vitro</i> assessment of multilayer mucoadhesive system containing dexamethasone sodium phosphate. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 1316-1328.	1.8	6
7	Copolymeric nano/microgels of N-isopropylacrylamide and carboxyalkyl methacrylamides: Effect of methylene chains and the ionization state of the weak acids on size and sensitivity to pH and temperature. Soft Materials, 2021, 19, 89-99.	0.8	1
8	Optimizing the Size of Drug-Loaded Nanoparticles Using Design of Experiments. , 2021, , 330-356.		0
9	Poly(N-vinylcaprolactam) and Salicylic Acid Polymeric Prodrug Grafted onto Medical Silicone to Obtain a Novel Thermo- and pH-Responsive Drug Delivery System for Potential Medical Devices. Materials, 2021, 14, 1065.	1.3	14
10	Antimicrobial Effect of Electrospun Nanofibers Loaded with Silver Nanoparticles: Influence of Ag Incorporation Method. Journal of Nanomaterials, 2021, 2021, 1-15.	1.5	18
11	Development, characterization, and <i>in vitro</i> evaluation of adhesive fibrous mat for mucosal propranolol delivery. E-Polymers, 2021, 22, 58-68.	1.3	6
12	Efficacy of a multivitamin adherence program based on cognitive dissonance for bariatric patients: A randomized controlled trial.. Asia Pacific Journal of Clinical Nutrition, 2021, 30, 602-613.	0.3	1
13	Antioxidant, antiproliferative, and acetylcholinesterase inhibition activity of amino alcohol derivatives from 1,4-naphthoquinone. Medicinal Chemistry Research, 2020, 29, 1986-1999.	1.1	8
14	Cognitive improvements in a rat model with polyunsaturated fatty acids EPA and DHA through $\alpha 7$ -nicotinic acetylcholine receptors. Nutritional Neuroscience, 2020, , 1-10.	1.5	4
15	Adverse drug reactionsâ€™ reporting in a Mexican hospital. International Journal of Pharmacy Practice, 2020, 28, 660-662.	0.3	1
16	Radiation Grafting of a Polymeric Prodrug onto Silicone Rubber for Potential Medical/Surgical Procedures. Polymers, 2020, 12, 1297.	2.0	10
17	Preparation and characterization of electrospun fibrous scaffolds of either PVA or PVP for fast release of sildenafil citrate. E-Polymers, 2020, 20, 746-758.	1.3	18
18	Preparaci3n de pel3culas mucoadhesivas de complejos de polielectr3litos para la liberaci3n de diacetato de clorhexidina. Revista De Ciencias Tecnol3gicas, 2020, 3, 10-22.	0.0	0

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19	Optimizing the Size of Drug-Loaded Nanoparticles Using Design of Experiments. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2020, , 131-157.	0.2	0
20	Optimization of a Spectrophotometric Flow Injection. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2020, , 175-203.	0.2	0
21	Loading and release of a model high-molecular-weight protein from temperature-sensitive micro-structured hydrogels. <i>MRS Communications</i> , 2019, 9, 1041-1045.	0.8	3
22	<p>Mucoadhesive electrospun nanofibers for drug delivery systems: applications of polymers and the parametersâ€™ roles</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5271-5285.	3.3	46
23	Drugs Loaded into Electrospun Polymeric Nanofibers for Delivery. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2019, 22, 313-331.	0.9	21
24	Poly(acrylic acid)-grafted hydrophobic weak acid gels as mucoadhesives for controlled drug release. <i>Radiation Physics and Chemistry</i> , 2019, 164, 108372.	1.4	6
25	Neuropsychiatric Disorders in Farmers Associated with Organophosphorus Pesticide Exposure in a Rural Village of Northwest MÃ©xico. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 689.	1.2	41
26	Controlled Release of Model Substances from pH-Sensitive Hydrogels. <i>Journal of the Mexican Chemical Society</i> , 2019, 52, .	0.2	2
27	Polymeric advanced delivery systems for antineoplastic drugs: doxorubicin and 5-fluorouracil. <i>E-Polymers</i> , 2018, 18, 359-372.	1.3	13
28	Temperature- and pH-sensitive coreâ€™shell nanogels as efficient carriers of doxorubicin with potential application in lung cancer treatment. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 20-26.	1.8	12
29	Fuzzy Evaluation of Pharmacokinetic Models. <i>Computational Intelligence and Neuroscience</i> , 2018, 2018, 1-10.	1.1	1
30	Implementation of the pharmacovigilance unit in a Mexican hospital. <i>Journal of Pharmacy Practice and Research</i> , 2018, 48, 583-584.	0.5	1
31	A Summary of Electrospun Nanofibers as Drug Delivery System: Drugs Loaded and Biopolymers Used as Matrices. <i>Current Drug Delivery</i> , 2018, 15, 1360-1374.	0.8	222
32	Synthesis and Electrochemistry Evaluation of Multivalent o- Aminobenzamides and Quinazoline-2,4-diones.. <i>International Journal of Electrochemical Science</i> , 2018, , 832-841.	0.5	1
33	Substituted 2-Aminopyrimidines Selective for Î±7-Nicotinic Acetylcholine Receptor Activation and Association with Acetylcholine Binding Proteins. <i>Journal of the American Chemical Society</i> , 2017, 139, 3676-3684.	6.6	15
34	pH-dependent release of antihypertensives from complexes with poly(carboxyalkyl methacrylamides). <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 508-515.	1.4	1
35	Estimation of Population Pharmacokinetic Parameters Using a Genetic Algorithm. <i>Studies in Computational Intelligence</i> , 2017, , 493-503.	0.7	0
36	Biocompatibility Evaluation of Electrospun Scaffolds of Poly (L-Lactide) with Pure and Grafted Hydroxyapatite. <i>Journal of the Mexican Chemical Society</i> , 2017, 58, .	0.2	9

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37	Poly(Methacryloxy-o-Benzoic Acid) as Drug Carrier for Controlled Release. Journal of the Mexican Chemical Society, 2017, 58, .	0.2	1
38	Core Cross-linked Star Polymers for Temperature/pH Controlled Delivery of 5-Fluorouracil. Journal of Chemistry, 2016, 2016, 1-12.	0.9	4
39	Polymeric prodrug- γ -functionalized polypropylene films for sustained release of salicylic acid. International Journal of Pharmaceutics, 2016, 511, 579-585.	2.6	12
40	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
41	Eco-friendly innovation for nejayote coagulation-flocculation process using chitosan: Evaluation through zeta potential measurements. Chemical Engineering Journal, 2016, 284, 536-542.	6.6	100
42	Microstructured poly(N-isopropylacrylamide) hydrogels with fast temperature response for pulsatile drug delivery. Journal of Polymer Research, 2015, 22, 1.	1.2	10
43	Radiation-grafting of acrylamide onto silicone rubber films for diclofenac delivery. Radiation Physics and Chemistry, 2015, 107, 164-170.	1.4	18
44	Obtaining Pharmacokinetic Population Models Using a Genetic Algorithm Approach. Studies in Computational Intelligence, 2015, , 305-317.	0.7	0
45	New strategy toward the diverted synthesis of oxidized abietane diterpenes via oxidation of 6,7-dehydroferruginol methyl ether with dimethyldioxirane. Tetrahedron Letters, 2013, 54, 4479-4482.	0.7	8
46	Effect of crosslinkers on size and temperature sensitivity of poly(N-isopropylacrylamide) microgels. Polymer Bulletin, 2013, 70, 653-664.	1.7	29
47	Hydrophobic weak acid polymers as controlled release carriers. Pharmaceutical Development and Technology, 2012, 17, 170-176.	1.1	1
48	Synthesis of pH and temperature sensitive, core-shell nano/microgels, by one pot, soap-free emulsion polymerization. Journal of Colloid and Interface Science, 2012, 369, 82-90.	5.0	43
49	Well-defined N-isopropylacrylamide Dual-Sensitive Copolymers with LCST $\approx 38^\circ\text{C}$ in Different Architectures: Linear, Block and Star Polymers. Macromolecular Chemistry and Physics, 2012, 213, 301-314.	1.1	33
50	Star polymers with random number of temperature sensitive arms and crosslinked poly(EGDMA)-core and their application to drug delivery. Reactive and Functional Polymers, 2011, 71, 1077-1088.	2.0	10
51	Population pharmacokinetics of vancomycin in adult and geriatric patients: comparison of eleven approaches. International Journal of Clinical Pharmacology and Therapeutics, 2010, 48, 525-533.	0.3	57
52	Oxidative folding and reductive activities of EhPDI, a protein disulfide isomerase from Entamoeba histolytica. Parasitology International, 2009, 58, 311-313.	0.6	7
53	Nicotinic Agonist Binding Site Mapped by Methionine- and Tyrosine-Scanning Coupled with Azidochloropyridinyl Photoaffinity Labeling. Journal of Medicinal Chemistry, 2009, 52, 3735-3741.	2.9	17
54	The Use of the RAFT Technique for the Preparation of Temperature/pH Sensitive Polymers in Different Architectures. Macromolecular Symposia, 2009, 283-284, 56-66.	0.4	9

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55	In silico identification of the protein disulfide isomerase family from a protozoan parasite. <i>Computational Biology and Chemistry</i> , 2008, 32, 67-71.	1.1	5
56	Genotype and phenotype of NAT2 and the occurrence of adverse drug reactions in Mexican individuals to an isoniazid-based prophylactic chemotherapy for tuberculosis. <i>Molecular Medicine Reports</i> , 2008, 1, 875-9.	1.1	12
57	Synthesis of hydrophobic weak-acid monomers by enzymatic action and their polymerization to obtain hydrophobic polyelectrolytes. <i>Designed Monomers and Polymers</i> , 2007, 10, 263-271.	0.7	6
58	Temperature and pH-sensitive Polymers with Hydrophobic Spacers for the Controlled Delivery of Drugs. <i>Macromolecular Symposia</i> , 2007, 254, 292-299.	0.4	7
59	Effect of method of preparation on properties of temperature and pH-sensitive gels: Chemical crosslinking versus irradiation with e-beam. <i>Reactive and Functional Polymers</i> , 2007, 67, 67-80.	2.0	15
60	Drug release from complexes with a series of poly(carboxyalkyl methacrylates), a new class of weak polyelectrolytes. <i>International Journal of Pharmaceutics</i> , 2005, 305, 52-60.	2.6	12
61	The use of hydrophobic spacers in the development of new temperature- and pH-sensitive polymers. <i>Macromolecular Symposia</i> , 2004, 207, 193-216.	0.4	14
62	Effects of sucrose oleate and sucrose laureate on in vivo human stratum corneum permeability. <i>Pharmaceutical Research</i> , 2003, 20, 1267-1273.	1.7	65
63	A facile synthesis route for carboxyaryl-methacrylates: a way to obtain aromatic polyelectrolytes. <i>Designed Monomers and Polymers</i> , 2003, 6, 67-80.	0.7	25
64	Synthesis and polymerization of carboxyalkylmethacrylates: new hydrophobic polyelectrolytes. <i>Designed Monomers and Polymers</i> , 2001, 4, 343-356.	0.7	8
65	In vitro evaluation of the bioadhesive properties of hydrophobic polybasic gels containing N,N-dimethylaminoethyl methacrylate-co-methyl methacrylate. <i>Biomaterials</i> , 2001, 22, 957-961.	5.7	41
66	Water vapour sorption behaviour of copolymers of N,N-diethylaminoethyl methacrylate and methyl methacrylate. <i>Biomaterials</i> , 1996, 17, 1187-1193.	5.7	41
67	Kinetics of drug release from hydrophobic polybasic gels: effect of buffer acidity. <i>Journal of Controlled Release</i> , 1995, 33, 223-229.	4.8	16
68	<i>In Vivo</i>: Biocompatibility of Dental Scaffolds for Tissue Regeneration. <i>Advanced Materials Research</i> , 0, 976, 191-195.	0.3	9
69	Modelo de autocuidado e imagem corporal em adultos pós cirurgia bariátrica. <i>Revista Latino-Americana De Enfermagem</i> , 0, 30, .	0.4	2
70	Modelo de autocuidado e imagem corporal en adultos post-cirurgia bariátrica. <i>Revista Latino-Americana De Enfermagem</i> , 0, 30, .	0.4	2
71	Self-care model and body image in adults after a bariatric surgery. <i>Revista Latino-Americana De Enfermagem</i> , 0, 30, .	0.4	1