

Virginia Saez-Martinez

List of Publications by Year in descending order

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35
papers

633
citations

759233

12
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanometric Hydroxyapatite Particles as Active Ingredient for Bioinks: A Review. <i>Macromol</i> , 2022, 2, 20-29.	4.4	2
2	Wound healing and antibacterial chitosan-genipin hydrogels with controlled drug delivery for synergistic anti-inflammatory activity. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 679-694.	7.5	27
3	Self-healing, antibacterial and anti-inflammatory chitosan-PEG hydrogels for ulcerated skin wound healing and drug delivery. , 2022, 139, 212992.		15
4	The influence of structure and morphology on ion permeation in commercial silicone hydrogel contact lenses. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 137-148.	3.4	4
5	Injectable Hydrogels: From Laboratory to Industrialization. <i>Polymers</i> , 2021, 13, 650.	4.5	83
6	Biocompatible hyaluronic acid-divinyl sulfone injectable hydrogels for sustained drug release with enhanced antibacterial properties against <i>Staphylococcus aureus</i> . <i>Materials Science and Engineering C</i> , 2021, 125, 112102.	7.3	21
7	Hyaluronic Acid Hydrogels Crosslinked in Physiological Conditions: Synthesis and Biomedical Applications. <i>Biomedicines</i> , 2021, 9, 1113.	3.2	50
8	Antibacterial Coatings for Improving the Performance of Biomaterials. <i>Coatings</i> , 2020, 10, 139.	2.6	71
9	Synthesis and Characterization of Covalently Crosslinked pH-Responsive Hyaluronic Acid Nanogels: Effect of Synthesis Parameters. <i>Polymers</i> , 2019, 11, 742.	4.5	29
10	Investigating the permeation properties of contact lenses and its influence on tear electrolyte composition. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1997-2005.	3.4	5
11	The potential influence of Schirmer strip variables on dry eye disease characterisation, and on tear collection and analysis. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 47-53.	1.7	17
12	Sodium, potassium and calcium permeation through contact lenses. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S64.	1.7	0
13	The influence of structure and morphology of commercial silicone hydrogel contact lenses on permeation. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S66-S67.	1.7	0
14	Integrated 3D Hydrogel Waveguide Out-Coupler by Step-and-Repeat Thermal Nanoimprint Lithography: A Promising Sensor Device for Water and pH. <i>Sensors</i> , 2018, 18, 3240.	3.8	14
15	The effect of water structure on permeation in contact lenses. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S65-S66.	1.7	0
16	Evaluation of commercial Schirmer strips for tear analysis studies. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S12.	1.7	2
17	Nanocarrier-based contact lens coating for ocular delivery of phospholipids and hydrophobic drugs. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S3.	1.7	0
18	The application of zeta potential measurements in contact lens research. <i>Contact Lens and Anterior Eye</i> , 2018, 41, S6.	1.7	1

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19	Polymer-lipid interactions: Biomimetic self-assembly behaviour and surface properties of poly(styrene-alt-maleic acid) with diacylphosphatidylcholines. <i>Reactive and Functional Polymers</i> , 2015, 94, 9-16.	4.1	6
20	New strategy to overcome the intrinsic difficulty of phospholipids solubilisation and delivery to the eye. <i>Contact Lens and Anterior Eye</i> , 2015, 38, e32.	1.7	0
21	Degradable poly(ethylene glycol)-based hydrogels: Synthesis, physico-chemical properties and in vitro characterization. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 270-283.	2.1	4
22	Imprinted hydrogels for tunable hemispherical microlenses. <i>Microelectronic Engineering</i> , 2013, 111, 189-192.	2.4	6
23	Multifunctional bioactive glass scaffolds coated with layers of poly(d,l-lactide-co-glycolide) and poly(n-isopropylacrylamide-co-acrylic acid) microgels loaded with vancomycin. <i>Materials Science and Engineering C</i> , 2013, 33, 3760-3767.	7.3	37
24	Fabrication and Characterization of Macroporous Poly(Ethylene Glycol) Hydrogels Generated by Several Types of Porogens. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2013, 62, 502-508.	3.4	12
25	Comparative study of dexamethasone and vancomycin release behavior from stimuli-sensitive microgel aqueous dispersions. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 313-316.	3.0	4
26	In Situ Mineralization by the Release of Calcium and Phosphate Ions from Nanogels. <i>Advanced Science Letters</i> , 2012, 16, 179-182.	0.2	0
27	New hybrid system: Poly(ethylene glycol) hydrogel with covalently bonded pegylated nanotubes. <i>Journal of Applied Polymer Science</i> , 2011, 120, 124-132.	2.6	15
28	Novel Bioactive Scaffolds Incorporating Nanogels as Potential Drug Eluting Devices. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2826-2832.	0.9	6
29	Nanopatterned UV curable hydrogels for biomedical applications. <i>Microelectronic Engineering</i> , 2010, 87, 1057-1061.	2.4	10
30	Specific pH-Responsive Folate-Conjugate Microgels Designed for Antitumor Therapy. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 467-477.	2.2	16
31	Novel pH- and Temperature-Responsive Methacrylamide Microgels. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1120-1126.	2.2	13
32	Decellularization of bovine corneas for tissue engineering applications. <i>Acta Biomaterialia</i> , 2009, 5, 1839-1847.	8.3	117
33	pH-Sensitive microgels functionalized with folic acid. <i>European Polymer Journal</i> , 2008, 44, 1309-1322.	5.4	24
34	Synthesis and characterization of pH-sensitive microgels by derivatization of npa-based reactive copolymers. <i>Materials Chemistry and Physics</i> , 2008, 112, 516-524.	4.0	11
35	Synthesis and characterization of reactive copolymeric microgels. <i>Polymer International</i> , 2005, 54, 963-971.	3.1	11