

Roberto Portillo-Lara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3248345/publications.pdf>

Version: 2024-02-01

22
papers

1,870
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

3037
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering a sprayable and elastic hydrogel adhesive with antimicrobial properties for wound healing. <i>Biomaterials</i> , 2017, 139, 229-243.	11.4	417
2	In vitro and in vivo analysis of visible light crosslinkable gelatin methacryloyl (GelMA) hydrogels. <i>Biomaterials Science</i> , 2017, 5, 2093-2105.	5.4	218
3	Local Immunomodulation Using an Adhesive Hydrogel Loaded with miRNA-Loaded Nanoparticles Promotes Wound Healing. <i>Small</i> , 2019, 15, e1902232.	10.0	197
4	Rational design of microfabricated electroconductive hydrogels for biomedical applications. <i>Progress in Polymer Science</i> , 2019, 92, 135-157.	24.7	138
5	Engineering Biodegradable and Biocompatible Bio-ionic Liquid Conjugated Hydrogels with Tunable Conductivity and Mechanical Properties. <i>Scientific Reports</i> , 2017, 7, 4345.	3.3	103
6	Engineering Adhesive and Antimicrobial Hyaluronic Acid/Elastin-like Polypeptide Hybrid Hydrogels for Tissue Engineering Applications. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2528-2540.	5.2	102
7	Microengineered cancer-on-a-chip platforms to study the metastatic microenvironment. <i>Lab on A Chip</i> , 2016, 16, 4063-4081.	6.0	100
8	Engineering a naturally-derived adhesive and conductive cardiopatch. <i>Biomaterials</i> , 2019, 207, 89-101.	11.4	93
9	An Antimicrobial Dental Light Curable Bioadhesive Hydrogel for Treatment of Peri-Implant Diseases. <i>Matter</i> , 2019, 1, 926-944.	10.0	90
10	Interpenetrating network gelatin methacryloyl (GelMA) and pectin-g-PCL hydrogels with tunable properties for tissue engineering. <i>Biomaterials Science</i> , 2018, 6, 2938-2950.	5.4	83
11	Photocrosslinkable Gelatin/Tropoelastin Hydrogel Adhesives for Peripheral Nerve Repair. <i>Tissue Engineering - Part A</i> , 2018, 24, 1393-1405.	3.1	80
12	An Influenza A/H1N1/2009 Hemagglutinin Vaccine Produced in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2010, 5, e11694.	2.5	48
13	Specific Recognition of Influenza A/H1N1/2009 Antibodies in Human Serum: A Simple Virus-Free ELISA Method. <i>PLoS ONE</i> , 2010, 5, e10176.	2.5	35
14	Enrichment of the Cancer Stem Phenotype in Sphere Cultures of Prostate Cancer Cell Lines Occurs through Activation of Developmental Pathways Mediated by the Transcriptional Regulator p63. <i>PLoS ONE</i> , 2015, 10, e0130118.	2.5	31
15	Synthesis and characterization of osteoinductive visible light-activated adhesive composites with antimicrobial properties. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 66-81.	2.7	30
16	Mind the gap: State-of-the-art technologies and applications for EEG-based brain-computer interfaces. <i>APL Bioengineering</i> , 2021, 5, 031507.	6.2	28
17	Biomimetic cardiovascular platforms for in vitro disease modeling and therapeutic validation. <i>Biomaterials</i> , 2019, 198, 78-94.	11.4	24
18	The influence of physicochemical properties on the processibility of conducting polymers: A bioelectronics perspective. <i>Acta Biomaterialia</i> , 2022, 139, 259-279.	8.3	18

#	ARTICLE	IF	CITATIONS
19	Gelatin Methacryloyl Bioadhesive Improves Survival and Reduces Scar Burden in a Mouse Model of Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020, 9, e014199.	3.7	16
20	Peptide-Conjugated Nano-Drug Delivery System to Improve Synergistic Molecular Chemotherapy for Colon Carcinoma. <i>ChemistrySelect</i> , 2017, 2, 8524-8534.	1.5	7
21	Supercritical CO2 Foaming of Thermoplastic Materials Derived from Maize: Proof-of-Concept Use in Mammalian Cell Culture Applications. <i>PLoS ONE</i> , 2015, 10, e0122489.	2.5	6
22	Adaptive biomimicry: design of neural interfaces with enhanced biointegration. <i>Current Opinion in Biotechnology</i> , 2021, 72, 62-68.	6.6	6