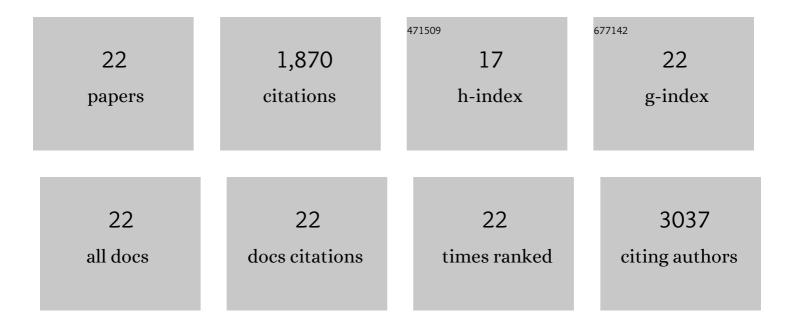
Roberto Portillo-Lara

List of Publications by Year in descending order

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

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#	Article	IF	CITATIONS
1	Engineering a sprayable and elastic hydrogel adhesive with antimicrobial properties for wound healing. Biomaterials, 2017, 139, 229-243.	11.4	417
2	In vitro and in vivo analysis of visible light crosslinkable gelatin methacryloyl (GelMA) hydrogels. Biomaterials Science, 2017, 5, 2093-2105.	5.4	218
3	Local Immunomodulation Using an Adhesive Hydrogel Loaded with miRNA‣aden Nanoparticles Promotes Wound Healing. Small, 2019, 15, e1902232.	10.0	197
4	Rational design of microfabricated electroconductive hydrogels for biomedical applications. Progress in Polymer Science, 2019, 92, 135-157.	24.7	138
5	Engineering Biodegradable and Biocompatible Bio-ionic Liquid Conjugated Hydrogels with Tunable Conductivity and Mechanical Properties. Scientific Reports, 2017, 7, 4345.	3.3	103
6	Engineering Adhesive and Antimicrobial Hyaluronic Acid/Elastin-like Polypeptide Hybrid Hydrogels for Tissue Engineering Applications. ACS Biomaterials Science and Engineering, 2018, 4, 2528-2540.	5.2	102
7	Microengineered cancer-on-a-chip platforms to study the metastatic microenvironment. Lab on A Chip, 2016, 16, 4063-4081.	6.0	100
8	Engineering a naturally-derived adhesive and conductive cardiopatch. Biomaterials, 2019, 207, 89-101.	11.4	93
9	An Antimicrobial Dental Light Curable Bioadhesive Hydrogel for Treatment of Peri-Implant Diseases. Matter, 2019, 1, 926-944.	10.0	90
10	Interpenetrating network gelatin methacryloyl (GelMA) and pectin-g-PCL hydrogels with tunable properties for tissue engineering. Biomaterials Science, 2018, 6, 2938-2950.	5.4	83
11	Photocrosslinkable Gelatin/Tropoelastin Hydrogel Adhesives for Peripheral Nerve Repair. Tissue Engineering - Part A, 2018, 24, 1393-1405.	3.1	80
12	An Influenza A/H1N1/2009 Hemagglutinin Vaccine Produced in Escherichia coli. PLoS ONE, 2010, 5, e11694.	2.5	48
13	Specific Recognition of Influenza A/H1N1/2009 Antibodies in Human Serum: A Simple Virus-Free ELISA Method. PLoS ONE, 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 ΔNp63α. PLoS ONE, 2015, 10, e0130118.	2.5	31
15	Synthesis and characterization of osteoinductive visible lightâ€activated adhesive composites with antimicrobial properties. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 66-81.	2.7	30
16	Mind the gap: State-of-the-art technologies and applications for EEG-based brain–computer interfaces. APL Bioengineering, 2021, 5, 031507.	6.2	28
17	Biomimetic cardiovascular platforms for in vitro disease modeling and therapeutic validation. Biomaterials, 2019, 198, 78-94.	11.4	24
18	The influence of physicochemical properties on the processibility of conducting polymers: A bioelectronics perspective. Acta Biomaterialia, 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. Journal of the American Heart Association, 2020, 9, e014199.	3.7	16
20	Peptideâ€Conjugated Nanoâ€Drug Delivery System to Improve Synergistic Molecular Chemotherapy for Colon Carcinoma. ChemistrySelect, 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. PLoS ONE, 2015, 10, e0122489.	2.5	6
22	Adaptive biomimicry: design of neural interfaces with enhanced biointegration. Current Opinion in Biotechnology, 2021, 72, 62-68.	6.6	6