Chia-Chen Hsu

List of Publications by Year
in descending order

13 papers	**734** citations	840119 **11** h-index	1125271 **13** g-index
13 all docs	**13** docs citations	**13** times ranked	**1422** citing authors

#	ARTICLE	IF	CITATIONS
1	Increased connectivity of hiPSC-derived neural networks in multiphase granular hydrogel scaffolds. Bioactive Materials, 2022, 9, 358-372.	8.6	21
2	Combination of stem cell therapy and acupuncture to treat ischemic stroke: a prospective review. Stem Cell Research and Therapy, 2022, 13, 87.	2.4	5
3	Biophysical Regulations of Epigenetic State and Notch Signaling in Neural Development Using Microgroove Substrates. ACS Applied Materials & Interfaces, 2022, 14, 32773-32787.	4.0	5
4	In Vitro Study of Human Immune Responses to Hyaluronic Acid Hydrogels, Recombinant Spidroins and Human Neural Progenitor Cells of Relevance to Spinal Cord Injury Repair. Cells, 2021, 10, 1713.	1.8	11
5	Clinical validation of optimised RT-LAMP for the diagnosis of SARS-CoV-2 infection. Scientific Reports, 2021, 11, 16193.	1.6	21
6	Neural tissue engineering with structured hydrogels in CNS models and therapies. Biotechnology Advances, 2020, 42, 107370.	6.0	78
7	A single-cell Raman-based platform to identify developmental stages of human pluripotent stem cell-derived neurons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18412-18423.	3.3	59
8	Development of a rapid test kit for SARS-CoV-2: an example of product design. Bio-Design and Manufacturing, 2020, 3, 83-86.	3.9	21
9	Development of an in situ injectable hydrogel containing hyaluronic acid for neural regeneration. Biomedical Materials (Bristol), 2020, 15, 055005.	1.7	24
10	RTâ€ŁLAMP for rapid diagnosis of coronavirus SARSâ€ŁCoVâ€Ł2. Microbial Biotechnology, 2020, 13, 950-961.	2.0	408
11	Immunogold FIBâ€ŁSEM: Combining Volumetric Ultrastructure Visualization with 3D Biomolecular Analysis to Dissect Cellâ€"Environment Interactions. Advanced Materials, 2019, 31, 1900488.	11.1	16
12	Fabrication of Hemin-Doped Serum Albumin-Based Fibrous Scaffolds for Neural Tissue Engineering Applications. ACS Applied Materials & Interfaces, 2018, 10, 5305-5317.	4.0	53
13	Probing amylin fibrillation at an early stage via a tetracysteine-recognising fluorophore. Talanta, 2017, 173, 44-50.	2.9	12