

# Chia-Chen Hsu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9292399/publications.pdf>

Version: 2024-02-01

13  
papers

734  
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840119

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1125271

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docs citations

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1422  
citing authors

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