

Chao-Ting Huang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,268
citations

489802

18
h-index

721071

23
g-index

23
all docs

23
docs citations

23
times ranked

4327
citing authors

#	ARTICLE	IF	CITATIONS
1	Life science nanoarchitectonics at interfaces. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1018-1032.	3.2	11
2	4D bioprintable self-healing hydrogel with shape memory and cryopreserving properties. <i>Biofabrication</i> , 2021, 13, 045029.	3.7	32
3	Post-assembly dimension-dependent face-selective etching of fullerene crystals. <i>Materials Horizons</i> , 2020, 7, 787-795.	6.4	31
4	Design Strategies of Conductive Hydrogel for Biomedical Applications. <i>Molecules</i> , 2020, 25, 5296.	1.7	69
5	Hydrogels Based on Schiff Base Linkages for Biomedical Applications. <i>Molecules</i> , 2019, 24, 3005.	1.7	266
6	Novel chitosan/cellulose nanofiber self-healing hydrogels to correlate self-healing properties of hydrogels with neural regeneration effects. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	108
7	Nanoarchitectonic-Based Material Platforms for Environmental and Bioprocessing Applications. <i>Chemical Record</i> , 2019, 19, 1891-1912.	2.9	17
8	Optogenetic Modulation and Reprogramming of Bacteriorhodopsin-Transfected Human Fibroblasts on Self-Assembled Fullerene C ₆₀ Nanosheets. <i>Advanced Biology</i> , 2019, 3, e1800254.	3.0	16
9	Synthesis and Characterization of Dual Stimuli-Sensitive Biodegradable Polyurethane Soft Hydrogels for 3D Cell-Laden Bioprinting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29273-29287.	4.0	75
10	Spongelike Porous Silica Nanosheets: From Soft Molecular Trapping to DNA Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4509-4518.	4.0	27
11	Neural differentiation on aligned fullerene C ₆₀ nanowhiskers. <i>Chemical Communications</i> , 2017, 53, 11024-11027.	2.2	42
12	A graphene/polyurethane composite hydrogel as a potential bioink for 3D bioprinting and differentiation of neural stem cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8854-8864.	2.9	139
13	Preparation and characterization of a biodegradable polyurethane hydrogel and the hybrid gel with soy protein for 3D cell-laden bioprinting. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6694-6705.	2.9	67
14	Correlating cell transfectability and motility on materials with different physico-chemical properties. <i>Acta Biomaterialia</i> , 2015, 28, 55-63.	4.1	15
15	3D bioprinting: A new insight into the therapeutic strategy of neural tissue regeneration. <i>Organogenesis</i> , 2015, 11, 153-158.	0.4	88
16	Nanosheet transfection: effective transfer of naked DNA on silica glass. <i>NPG Asia Materials</i> , 2015, 7, e184-e184.	3.8	26
17	Cell Positioning by Patterned Nanowires. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 312-317.	1.9	1
18	3D bioprinting of neural stem cell-laden thermoresponsive biodegradable polyurethane hydrogel and potential in central nervous system repair. <i>Biomaterials</i> , 2015, 71, 48-57.	5.7	354

#	ARTICLE	IF	CITATIONS
19	Gene transfer on inorganic/organic hybrid silica nanosheets. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25455-25462.	1.3	20
20	Water-based synthesis and processing of novel biodegradable elastomers for medical applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5083-5092.	2.9	76
21	Characterization of Biodegradable Polyurethane Nanoparticles and Thermally Induced Self-Assembly in Water Dispersion. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5685-5694.	4.0	79
22	The biocompatibility and antibacterial properties of waterborne polyurethane-silver nanocomposites. <i>Biomaterials</i> , 2010, 31, 6796-6808.	5.7	171
23	Cytotoxicity and Immunological Response of Gold and Silver Nanoparticles of Different Sizes. <i>Small</i> , 2009, 5, 1553-1561.	5.2	538