Sy-Tsong Dean Chueng

List of Publications by Year
in descending order

18	1,026	623734	794594
papers	citations	14 h-index	19 g-index

20	20	20	1964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guiding Stem Cell Differentiation into Oligodendrocytes Using Grapheneâ€Nanofiber Hybrid Scaffolds. Advanced Materials, 2014, 26, 3673-3680.	21.0	265
2	Axonal Alignment and Enhanced Neuronal Differentiation of Neural Stem Cells on Grapheneâ€Nanoparticle Hybrid Structures. Advanced Materials, 2013, 25, 5477-5482.	21.0	183
3	Programmed degradation of a hierarchical nanoparticle with redox and light responsivity for self-activated photo-chemical enhanced chemodynamic therapy. Biomaterials, 2019, 224, 119498.	11.4	99
4	A biodegradable hybrid inorganic nanoscaffold for advanced stem cell therapy. Nature Communications, 2018, 9, 3147.	12.8	87
5	Nondestructive Characterization of Stem Cell Neurogenesis by a Magneto-Plasmonic Nanomaterial-Based Exosomal miRNA Detection. ACS Nano, 2019, 13, 8793-8803.	14.6	65
6	Largeâ€Scale Nanoelectrode Arrays to Monitor the Dopaminergic Differentiation of Human Neural Stem Cells. Advanced Materials, 2015, 27, 6356-6362.	21.0	63
7	Hybrid Grapheneâ€Gold Nanoparticleâ€Based Nucleic Acid Conjugates for Cancerâ€Specific Multimodal Imaging and Combined Therapeutics. Advanced Functional Materials, 2021, 31, 2006918.	14.9	55
8	Nondestructive Realâ€Time Monitoring of Enhanced Stem Cell Differentiation Using a Grapheneâ€Au Hybrid Nanoelectrode Array. Advanced Materials, 2018, 30, e1802762.	21.0	44
9	Multidimensional nanomaterials for the control of stem cell fate. Nano Convergence, 2016, 3, 23.	12.1	32
10	Tumor Homing Reactive Oxygen Species Nanoparticle for Enhanced Cancer Therapy. ACS Applied Materials & Interfaces, 2019, 11, 23909-23918.	8.0	27
11	Developments in Bio-Inspired Nanomaterials for Therapeutic Delivery to Treat Hearing Loss. Frontiers in Cellular Neuroscience, 2019, 13, 493.	3.7	26
12	4Dâ€Printed Transformable Tube Array for Highâ€Throughput 3D Cell Culture and Histology. Advanced Materials, 2020, 32, e2004285.	21.0	26
13	Induction of Stemâ€Cellâ€Derived Functional Neurons by NanoScriptâ€Based Gene Repression. Angewandte Chemie - International Edition, 2015, 54, 11983-11988.	13.8	18
14	Functional nanoarrays for investigating stem cell fate and function. Nanoscale, 2020, 12, 9306-9326.	5.6	15
15	Advanced Gene Manipulation Methods for Stem Cell Theranostics. Theranostics, 2017, 7, 2775-2793.	10.0	12
16	Graphene: Guiding Stem Cell Differentiation into Oligodendrocytes Using Grapheneâ€Nanofiber Hybrid Scaffolds (Adv. Mater. 22/2014). Advanced Materials, 2014, 26, 3570-3570.	21.0	3
17	Nanoelectrodes: Large-Scale Nanoelectrode Arrays to Monitor the Dopaminergic Differentiation of Human Neural Stem Cells (Adv. Mater. 41/2015). Advanced Materials, 2015, 27, 6306-6306.	21.0	2
18	Bionanotechnology: Axonal Alignment and Enhanced Neuronal Differentiation of Neural Stem Cells on Graphene-Nanoparticle Hybrid Structures (Adv. Mater. 38/2013). Advanced Materials, 2013, 25, 5476-5476.	21.0	0