

Sy-Tsong Dean Chueng

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,026
citations

623734

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794594

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docs citations

20
times ranked

1964
citing authors

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