

Shreyas Shah

List of Publications by Year in descending order

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18
papers

1,679
citations

687363

13
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

3791
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Synthesis, and Characterization of Grapheneâ€Nanoparticle Hybrid Materials for Bioapplications. <i>Chemical Reviews</i> , 2015, 115, 2483-2531.	47.7	603
2	Guiding Stem Cell Differentiation into Oligodendrocytes Using Grapheneâ€Nanofiber Hybrid Scaffolds. <i>Advanced Materials</i> , 2014, 26, 3673-3680.	21.0	265
3	Controlling Differentiation of Adipose-Derived Stem Cells Using Combinatorial Graphene Hybrid-Pattern Arrays. <i>ACS Nano</i> , 2015, 9, 3780-3790.	14.6	139
4	Hybrid upconversion nanomaterials for optogenetic neuronal control. <i>Nanoscale</i> , 2015, 7, 16571-16577.	5.6	108
5	Stem cell-based gene therapy activated using magnetic hyperthermia to enhance the treatment of cancer. <i>Biomaterials</i> , 2016, 81, 46-57.	11.4	92
6	Controlling Differentiation of Neural Stem Cells Using Extracellular Matrix Protein Patterns. <i>Small</i> , 2010, 6, 2509-2513.	10.0	83
7	Generation of a Library of Nonâ€Toxic Quantum Dots for Cellular Imaging and siRNA Delivery. <i>Advanced Materials</i> , 2012, 24, 4014-4019.	21.0	80
8	Nanotechnology-Based Approaches for Guiding Neural Regeneration. <i>Accounts of Chemical Research</i> , 2016, 49, 17-26.	15.6	73
9	Single Vehicular Delivery of siRNA and Small Molecules to Control Stem Cell Differentiation. <i>Journal of the American Chemical Society</i> , 2013, 135, 15682-15685.	13.7	63
10	Nanotopography-mediated Reverse Uptake for siRNA Delivery into Neural Stem Cells to Enhance Neuronal Differentiation. <i>Scientific Reports</i> , 2013, 3, 1553.	3.3	61
11	Photo-triggerable hydrogelâ€nanoparticle hybrid scaffolds for remotely controlled drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7685-7693.	5.8	42
12	Cyclophilin A promotes cell migration via the Abl-Crk signaling pathway. <i>Nature Chemical Biology</i> , 2016, 12, 117-123.	8.0	36
13	The nanomaterial toolkit for neuroengineering. <i>Nano Convergence</i> , 2016, 3, 25.	12.1	20
14	Microparticle-Based Biochemical Sensing Using Optical Coherence Tomography and Deep Learning. <i>ACS Nano</i> , 2021, 15, 9764-9774.	14.6	10
15	Graphene: Guiding Stem Cell Differentiation into Oligodendrocytes Using Grapheneâ€Nanofiber Hybrid Scaffolds (<i>Adv. Mater.</i> 22/2014). <i>Advanced Materials</i> , 2014, 26, 3570-3570.	21.0	3
16	Remote Monitoring of Microparticle Biosensors Using Optical Coherence Tomography. , 2020, , .		1
17	Stem cell differentiation: Controlling Differentiation of Neural Stem Cells Using Extracellular Matrix Protein Patterns (<i>Small</i> 22/2010). <i>Small</i> , 2010, 6, 2508-2508.	10.0	0
18	Automated Monitoring for Optical Coherence Tomography-based Biosensing Using Deep Learning. , 2020, , .		0