

Shreyas Shah

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,679
citations

687363

13
h-index

996975

15
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19
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19
docs citations

19
times ranked

3791
citing authors

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