Aniruddh Solanki

List of Publications by Year
in descending order

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18	1,436	623734 14	940533 16
papers	citations	h-index	g-index

20	20	20	3366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Grapheneâ€Encapsulated Nanoparticleâ€Based Biosensor for the Selective Detection of Cancer Biomarkers. Advanced Materials, 2011, 23, 2221-2225.	21.0	260
2	Nanotechnology for regenerative medicine: nanomaterials for stem cell imaging. Nanomedicine, 2008, 3, 567-578.	3.3	200
3	Axonal Alignment and Enhanced Neuronal Differentiation of Neural Stem Cells on Grapheneâ€Nanoparticle Hybrid Structures. Advanced Materials, 2013, 25, 5477-5482.	21.0	183
4	Selective Inhibition of Human Brain Tumor Cells through Multifunctional Quantumâ€Dotâ€Based siRNA Delivery. Angewandte Chemie - International Edition, 2010, 49, 103-107.	13.8	136
5	Cabozantinib Eradicates Advanced Murine Prostate Cancer by Activating Antitumor Innate Immunity. Cancer Discovery, 2017, 7, 750-765.	9.4	112
6	Application of biomaterials to advance induced pluripotent stem cell research and therapy. EMBO Journal, 2015, 34, 987-1008.	7.8	84
7	Controlling Differentiation of Neural Stem Cells Using Extracellular Matrix Protein Patterns. Small, 2010, 6, 2509-2513.	10.0	83
8	ZnO thin film transistor immunosensor with high sensitivity and selectivity. Applied Physics Letters, 2011, 98, 173702.	3.3	79
9	Nanotechnology-Based Approaches for Guiding Neural Regeneration. Accounts of Chemical Research, 2016, 49, 17-26.	15.6	73
10	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
11	Nanotopography-mediated Reverse Uptake for siRNA Delivery into Neural Stem Cells to Enhance Neuronal Differentiation. Scientific Reports, 2013, 3, 1553.	3.3	61
12	Labelâ€Free Polypeptideâ€Based Enzyme Detection Using a Grapheneâ€Nanoparticle Hybrid Sensor. Advanced Materials, 2012, 24, 6081-6087.	21.0	49
13	A resistance-sensing mechanical injector for the precise delivery of liquids to target tissue. Nature Biomedical Engineering, 2019, 3, 621-631.	22.5	15
14	A Step Closer to Complete Chemical Reprogramming for Generating iPS Cells. ChemBioChem, 2010, 11, 755-757.	2.6	14
15	Cabozantinib Unlocks Efficient In Vivo Targeted Delivery of Neutrophil-Loaded Nanoparticles into Murine Prostate Tumors. Molecular Cancer Therapeutics, 2021, 20, 438-449.	4.1	10
16	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
17	Labelâ€Free Polypeptideâ€Based Enzyme Detection Using a Grapheneâ€Nanoparticle Hybrid Sensor (Adv.) Tj ETQq1 1 0.784314 rgBT	21.0	0
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