

Vivekanandan Palaninathan

List of Publications by Year in descending order

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18
papers

331
citations

759233

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19
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Synthesis of Bioactive Gold Nanoparticles from <i>Inonotus obliquus</i> for Dual Chemo-Photothermal Effects against Human Brain Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2292.	4.1	10
2	Scaffold mediated delivery of dual miRNAs to transdifferentiate cardiac fibroblasts. <i>Materials Science and Engineering C</i> , 2021, 128, 112323.	7.3	10
3	Collagen-functionalized electrospun smooth and porous polymeric scaffolds for the development of human skin-equivalent. <i>RSC Advances</i> , 2020, 10, 26594-26603.	3.6	21
4	ECM Mimetic Electrospun Porous Poly (L-lactic acid) (PLLA) Scaffolds as Potential Substrates for Cardiac Tissue Engineering. <i>Polymers</i> , 2020, 12, 451.	4.5	46
5	Poly(lactic-co-glycolic acid)/Polyethylenimine Nanocarriers for Direct Genetic Reprogramming of MicroRNA Targeting Cardiac Fibroblasts. <i>ACS Applied Nano Materials</i> , 2020, 3, 2491-2505.	5.0	15
6	GANT61 and curcumin-loaded PLGA nanoparticles for G1I1 and PI3K/Akt-mediated inhibition in breast adenocarcinoma. <i>Nanotechnology</i> , 2020, 31, 185102.	2.6	38
7	Direct Cardiac Reprogramming with Engineered miRNA Scaffolds. <i>Current Pharmaceutical Design</i> , 2020, 26, 4285-4303.	1.9	4
8	Nanotoxicity and Risk Assessment of Nanomedicines. , 2020, , 511-532.		0
9	Multifunctional Mesoporous Silica Nanoparticles for Biomedical Applications. , 2020, , 213-235.		0
10	Bioactive bacterial cellulose sulfate electrospun nanofibers for tissue engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1634-1645.	2.7	23
11	Multi-organ on a chip for personalized precision medicine. <i>MRS Communications</i> , 2018, 8, 652-667.	1.8	16
12	Scalable fabrication of prototype sensor for selective and sub-ppm level ethanol sensing based on TiO ₂ nanotubes decorated porous silicon. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 602-610.	7.8	46
13	Poly-lactic-co-glycolic acid Nanoformulation of Small Molecule Antagonist GANT61 for Cancer Annihilation by Modulating Hedgehog Pathway. <i>NanoWorld Journal</i> , 2017, 03, .	0.1	13
14	N ₂ -Plasma-Assisted One-Step Alignment and Patterning of Graphene Oxide on a Si ₂ /Si Substrate Via the Langmuir-Blodgett Technique. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400515.	3.7	10
15	Extremophilic polysaccharide nanoparticles for cancer nanotherapy and evaluation of antioxidant properties. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 310-319.	7.5	30
16	Extremophilic Polysaccharide for Biosynthesis and Passivation of Gold Nanoparticles and Photothermal Ablation of Cancer Cells. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 54-64.	2.3	18
17	Acetosulfation of bacterial cellulose: An unexplored promising incipient candidate for highly transparent thin film. <i>Materials Express</i> , 2014, 4, 415-421.	0.5	12
18	In vitro evaluation of antioxidant defense mechanism and hemocompatibility of mauran. <i>Carbohydrate Polymers</i> , 2013, 98, 108-115.	10.2	19