Vivekanandan Palaninathan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7829646/publications.pdf

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18	331	759233	940533
papers	citations	12	16
		h-index	g-index

19	19	19	559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scalable fabrication of prototype sensor for selective and sub-ppm level ethanol sensing based on TiO2 nanotubes decorated porous silicon. Sensors and Actuators B: Chemical, 2017, 249, 602-610.	7.8	46
2	ECM Mimetic Electrospun Porous Poly (L-lactic acid) (PLLA) Scaffolds as Potential Substrates for Cardiac Tissue Engineering. Polymers, 2020, 12, 451.	4.5	46
3	GANT61 and curcumin-loaded PLGA nanoparticles for GLI1 and PI3K/Akt-mediated inhibition in breast adenocarcinoma. Nanotechnology, 2020, 31, 185102.	2.6	38
4	Extremophilic polysaccharide nanoparticles for cancer nanotherapy and evaluation of antioxidant properties. International Journal of Biological Macromolecules, 2015, 76, 310-319.	7.5	30
5	Bioactive bacterial cellulose sulfate electrospun nanofibers for tissue engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1634-1645.	2.7	23
6	Collagen-functionalized electrospun smooth and porous polymeric scaffolds for the development of human skin-equivalent. RSC Advances, 2020, 10, 26594-26603.	3.6	21
7	In vitro evaluation of antioxidant defense mechanism and hemocompatibility of mauran. Carbohydrate Polymers, 2013, 98, 108-115.	10.2	19
8	Extremophilic Polysaccharide for Biosynthesis and Passivation of Gold Nanoparticles and Photothermal Ablation of Cancer Cells. Particle and Particle Systems Characterization, 2015, 32, 54-64.	2.3	18
9	Multi-organ on a chip for personalized precision medicine. MRS Communications, 2018, 8, 652-667.	1.8	16
10	Poly(lactic-co-glycolic acid)/Polyethylenimine Nanocarriers for Direct Genetic Reprogramming of MicroRNA Targeting Cardiac Fibroblasts. ACS Applied Nano Materials, 2020, 3, 2491-2505.	5.0	15
11	Poly-lactic-co-glycolic acid Nanoformulation of Small Molecule Antagonist GANT61 for Cancer Annihilation by Modulating Hedgehog Pathway. NanoWorld Journal, 2017, 03, .	0.1	13
12	Acetosulfation of bacterial cellulose: An unexplored promising incipient candidate for highly transparent thin film. Materials Express, 2014, 4, 415-421.	0.5	12
13	N₂â€Plasmaâ€Assisted Oneâ€Step Alignment and Patterning of Graphene Oxide on a SiO₂/Si Substrate Via the Langmuirâ€“Blodgett Technique. Advanced Materials Interfaces, 2015, 2, 1400515.	3.7	10
14	Scaffold mediated delivery of dual miRNAs to transdifferentiate cardiac fibroblasts. Materials Science and Engineering C, 2021, 128, 112323.	7.3	10
15	Biological Synthesis of Bioactive Gold Nanoparticles from Inonotus obliquus for Dual Chemo-Photothermal Effects against Human Brain Cancer Cells. International Journal of Molecular Sciences, 2022, 23, 2292.	4.1	10
16	Direct Cardiac Reprogramming with Engineered miRNA Scaffolds. Current Pharmaceutical Design, 2020, 26, 4285-4303.	1.9	4
17	Nanotoxicity and Risk Assessment of Nanomedicines. , 2020, , 511-532.		0
18	Multifunctional Mesoporous Silica Nanoparticles for Biomedical Applications. , 2020, , 213-235.		0