

Subhadip Ghatak

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,110
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the gene delivery process of the needle array-based tissue nanotransfection. <i>Nano Research</i> , 2022, 15, 3409-3421.	10.4	6
2	Analysis of Keratinocytic Exosomes from Diabetic and Nondiabetic Mice by Charge Detection Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 8909-8918.	6.5	4
3	Ketoconazole resistant <i>Candida albicans</i> is sensitive to a wireless electroceutical wound care dressing. <i>Bioelectrochemistry</i> , 2021, 142, 107921.	4.6	12
4	Electroceutical fabric lowers zeta potential and eradicates coronavirus infectivity upon contact. <i>Scientific Reports</i> , 2021, 11, 21723.	3.3	30
5	Fabrication and use of silicon hollow-needle arrays to achieve tissue nanotransfection in mouse tissue in vivo. <i>Nature Protocols</i> , 2021, 16, 5707-5738.	12.0	17
6	<i>Staphylococcus aureus</i> Biofilm Infection Compromises Wound Healing by Causing Deficiencies in Granulation Tissue Collagen. <i>Annals of Surgery</i> , 2020, 271, 1174-1185.	4.2	108
7	Ad hoc hybrid synaptic junctions to detect nerve stimulation and its application to detect onset of diabetic polyneuropathy. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112618.	10.1	2
8	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. <i>ACS Nano</i> , 2020, 14, 12732-12748.	14.6	106
9	Neurogenic tissue nanotransfection in the management of cutaneous diabetic polyneuropathy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102220.	3.3	16
10	Novel Bacterial Diversity and Fragmented eDNA Identified in Hyperbiofilm-Forming <i>Pseudomonas aeruginosa</i> Rugose Small Colony Variant. <i>IScience</i> , 2020, 23, 100827.	4.1	31
11	High resolution ultrasound imaging for repeated measure of wound tissue morphometry, biomechanics and hemodynamics under fetal, adult and diabetic conditions. <i>PLoS ONE</i> , 2020, 15, e0241831.	2.5	21
12	Skin Transcriptome of Middle-Aged Women Supplemented With Natural Herbo-mineral Shilajit Shows Induction of Microvascular and Extracellular Matrix Mechanisms. <i>Journal of the American College of Nutrition</i> , 2019, 38, 526-536.	1.8	11
13	Use of Cerium Oxide Nanoparticles Conjugated with MicroRNA-146a to Correct the Diabetic Wound Healing Impairment. <i>Journal of the American College of Surgeons</i> , 2019, 228, 107-115.	0.5	99
14	Direct conversion of injury-site myeloid cells to fibroblast-like cells of granulation tissue. <i>Nature Communications</i> , 2018, 9, 936.	12.8	132
15	Topical Lyophilized Targeted Lipid Nanoparticles in the Restoration of Skin Barrier Function following Burn Wound. <i>Molecular Therapy</i> , 2018, 26, 2178-2188.	8.2	44
16	Retooling Laser Speckle Contrast Analysis Algorithm to Enhance Non-Invasive High Resolution Laser Speckle Functional Imaging of Cutaneous Microcirculation. <i>Scientific Reports</i> , 2017, 7, 41048.	3.3	30
17	Epigenetic Modification of MicroRNA-200b Contributes to Diabetic Vasculopathy. <i>Molecular Therapy</i> , 2017, 25, 2689-2704.	8.2	57
18	Epidermal E-Cadherin Dependent β -Catenin Pathway Is Phytochemical Inducible and Accelerates Anagen Hair Cycling. <i>Molecular Therapy</i> , 2017, 25, 2502-2512.	8.2	59

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19	Topical tissue nano-transfection mediates non-viral stroma reprogramming and rescue. <i>Nature Nanotechnology</i> , 2017, 12, 974-979.	31.5	122
20	Cell interactions in Wound Biofilm and in vitro Biofilm Revealed by Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2017, 23, 1286-1287.	0.4	0
21	AntihypoxamiR functionalized gramicidin lipid nanoparticles rescue against ischemic memory improving cutaneous wound healing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1827-1831.	3.3	41
22	Correction of MFG-E8 Resolves Inflammation and Promotes Cutaneous Wound Healing in Diabetes. <i>Journal of Immunology</i> , 2016, 196, 5089-5100.	0.8	77
23	Deterministic transfection drives efficient nonviral reprogramming and uncovers reprogramming barriers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 399-409.	3.3	37
24	FIB/SEM Tomography of Wound Biofilm. <i>Microscopy and Microanalysis</i> , 2015, 21, 205-206.	0.4	2
25	Barrier Function of the Repaired Skin Is Disrupted Following Arrest of Dicer in Keratinocytes. <i>Molecular Therapy</i> , 2015, 23, 1201-1210.	8.2	46