Amitava Das

List of Publications by Year
in descending order

26	1,841	471509 17	552781 26
papers	citations	h-index	g-index

28	28	28	3008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oncostatin M Improves Cutaneous Wound Re-Epithelialization and Is Deficient under Diabetic Conditions. Journal of Investigative Dermatology, 2022, 142, 679-691.e3.	0.7	5
2	Myoâ€‹nositol in Fermented Sugar Matrix Improves Human Macrophage Function. Molecular Nutrition and Food Research, 2022, 66, e2100852.	3.3	2
3	A surfactant polymer wound dressing protects human keratinocytes from inducible necroptosis. Scientific Reports, 2021, 11, 4357.	3.3	8
4	Multiplexed Signal Ion Emission Reactive Release Amplification (SIERRA) Assay for the Culture-Free Detection of Gram-Negative and Gram-Positive Bacteria and Antimicrobial Resistance Genes. Analytical Chemistry, 2021, 93, 6604-6612.	6.5	4
5	The eIF2 kinase GCN2 directs keratinocyte collective cell migration during wound healing via coordination of reactive oxygen species and amino acids. Journal of Biological Chemistry, 2021, 297, 101257.	3.4	7
6	Staphylococcus aureus Biofilm Infection Compromises Wound Healing by Causing Deficiencies in Granulation Tissue Collagen. Annals of Surgery, 2020, 271, 1174-1185.	4.2	108
7	Urolithin A augments angiogenic pathways in skeletal muscle by bolstering NAD+ and SIRT1. Scientific Reports, 2020, 10, 20184.	3.3	45
8	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. ACS Nano, 2020, 14, 12732-12748.	14.6	106
9	Electroceutical Management of Bacterial Biofilms and Surgical Infection. Antioxidants and Redox Signaling, 2020, 33, 713-724.	5.4	14
10	Mesenchymal stem cells promote mesenteric vasodilation through hydrogen sulfide and endothelial nitric oxide. American Journal of Physiology - Renal Physiology, 2019, 317, G441-G446.	3.4	13
11	A Modified Collagen Dressing Induces Transition of Inflammatory to Reparative Phenotype of Wound Macrophages. Scientific Reports, 2019, 9, 14293.	3.3	61
12	Skin Transcriptome of Middle-Aged Women Supplemented With Natural Herbo-mineral Shilajit Shows Induction of Microvascular and Extracellular Matrix Mechanisms. Journal of the American College of Nutrition, 2019, 38, 526-536.	1.8	11
13	Electroceutical Treatment of Pseudomonas aeruginosa Biofilms. Scientific Reports, 2019, 9, 2008.	3.3	30
14	Stabilized collagen matrix dressing improves wound macrophage function and epithelialization. FASEB Journal, 2019, 33, 2144-2155.	0.5	48
15	Electric Field Based Dressing Disrupts Mixed-Species Bacterial Biofilm Infection and Restores Functional Wound Healing. Annals of Surgery, 2019, 269, 756-766.	4.2	77
16	Direct conversion of injury-site myeloid cells to fibroblast-like cells of granulation tissue. Nature Communications, 2018, 9, 936.	12.8	132
17	Novel mechanisms of Collagenase Santyl Ointment (CSO) in wound macrophage polarization and resolution of wound inflammation. Scientific Reports, 2018, 8, 1696.	3.3	34
18	May Dietary Supplementation Augment Respiratory Burst in Wound-Site Inflammatory Cells?. Antioxidants and Redox Signaling, 2018, 28, 401-405.	5.4	13

#	Article	IF	Citations
19	Topical Lyophilized Targeted Lipid Nanoparticles in the Restoration of Skin Barrier Function following Burn Wound. Molecular Therapy, 2018, 26, 2178-2188.	8.2	44
20	Correction of MFG-E8 Resolves Inflammation and Promotes Cutaneous Wound Healing in Diabetes. Journal of Immunology, 2016, 196, 5089-5100.	0.8	77
21	The Human Skeletal Muscle Transcriptome in Response to Oral Shilajit Supplementation. Journal of Medicinal Food, 2016, 19, 701-709.	1.5	18
22	Monocyte and Macrophage Plasticity in Tissue Repair and Regeneration. American Journal of Pathology, 2015, 185, 2596-2606.	3.8	537
23	Chronic Wound Biofilm Model. Advances in Wound Care, 2015, 4, 382-388.	5.1	57
24	Silver-Zinc Redox-Coupled Electroceutical Wound Dressing Disrupts Bacterial Biofilm. PLoS ONE, 2015, 10, e0119531.	2.5	56
25	Engulfment of Apoptotic Cells by Macrophages: A Role of MicroRNA-21 in the Resolution of Wound Inflammation. Journal of Immunology, 2014, 192, 1120-1129.	0.8	268
26	Prostaglandin E2 Induces Oncostatin M Expression in Human Chronic Wound Macrophages through Axl Receptor Tyrosine Kinase Pathway. Journal of Immunology, 2012, 189, 2563-2573.	0.8	64