Manash K Paul

List of Publications by Year in Descending Order

46 papers	1,172 citations	17 h-index	33 g-index
68 ext. papers	1,605 ext. citations	5.7 avg, IF	4.85 L-index

#	Paper	IF	Citations
46	Current advances in the use of exosomes, liposomes, and bioengineered hybrid nanovesicles in cancer detection and therapy.. *Acta Pharmacologica Sinica*, **2022**,	8	4
45	Autophagy and EMT in cancer and metastasis: Who controls whom?. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2022**, 1868, 166431	6.9	3
44	Statistical parametrization of cell cytoskeleton reveals lung cancer cytoskeletal phenotype with partial EMT signature.. *Communications Biology*, **2022**, 5, 407	6.7	1
43	Emerging role and promise of nanomaterials in organoid research. *Drug Discovery Today*, **2021**,	8.8	3
42	Local M-CSF (Macrophage Colony-Stimulating Factor) Expression Regulates Macrophage Proliferation and Apoptosis in Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 220-233	9.4	15
41	Advances in the Fabrication of Scaffold and 3D Printing of Biomimetic Bone Graft. *Annals of Biomedical Engineering*, **2021**, 49, 1128-1150	4.7	13
40	A hybrid model integrating warm heat and ultraviolet germicidal irradiation might efficiently disinfect respirators and personal protective equipment. *American Journal of Infection Control*, **2021**, 49, 309-318	3.8	11
39	Novel Kras-mutant murine models of non-small cell lung cancer possessing co-occurring oncogenic mutations and increased tumor mutational burden. *Cancer Immunology, Immunotherapy*, **2021**, 70, 2389-2400	7.4	5
38	Advances in targeting the WNT/Ecatenin signaling pathway in cancer. *Drug Discovery Today*, **2021**, 27, 82-82	8.8	7
37	Emergence of Cardiac Glycosides as Potential Drugs: Current and Future Scope for Cancer Therapeutics. *Biomolecules*, **2021**, 11,	5.9	4
36	Bioinspired nanoparticles-based drug delivery systems for cancer theranostics **2021**, 189-228		1
35	COVID-19 and gut immunomodulation.. *World Journal of Gastroenterology*, **2021**, 27, 7925-7942	5.6	2
34	Recent Advancements of Nanomedicine in Neurodegenerative Disorders Theranostics. *Advanced Functional Materials*, **2020**, 30, 2003054	15.6	38
33	High-Throughput Drug Screening Identifies a Potent Wnt Inhibitor that Promotes Airway Basal Stem Cell Homeostasis. *Cell Reports*, **2020**, 30, 2055-2064.e5	10.6	13
32	The Biology of Lung Cancer: Development of More Effective Methods for Prevention, Diagnosis, and Treatment. *Clinics in Chest Medicine*, **2020**, 41, 25-38	5.3	22
31	Role of FAD-I in Fusobacterial Interspecies Interaction and Biofilm Formation. *Microorganisms*, **2020** , 8,	4.9	4
30	Recent Advancements of Nanomedicine towards Antiangiogenic Therapy in Cancer. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	39

29	Chronic IL-1β induced inflammation regulates epithelial-to-mesenchymal transition memory phenotypes via epigenetic modifications in non-small cell lung cancer. *Scientific Reports*, **2020**, 10, 377	4.9	25
28	FRA1 contributes to MEK-ERK pathway-dependent PD-L1 upregulation by KRAS mutation in premalignant human bronchial epithelial cells. *American Journal of Translational Research (discontinued)*, **2020**, 12, 409-427	3	5
27	Targeting Therapies for Cancer Stem Cells **2020**, 273-312		6
26	Functionalization of Nanomaterials and Their Application in Melanoma Cancer Theranostics. *ACS Biomaterials Science and Engineering*, **2020**, 6, 167-181	5.5	7
25	CNS organoids: an innovative tool for neurological disease modeling and drug neurotoxicity screening. *Drug Discovery Today*, **2020**, 25, 456-465	8.8	19
24	Distinct Spatiotemporally Dynamic Wnt-Secreting Niches Regulate Proximal Airway Regeneration and Aging. *Cell Stem Cell*, **2020**, 27, 413-429.e4	18	17
23	Recent Progress in the Theranostics Application of Nanomedicine in Lung Cancer. *Cancers*, **2019**, 11,	6.6	48
22	From papyrus leaves to bioprinting and virtual reality: history and innovation in anatomy. *Anatomy and Cell Biology*, **2019**, 52, 226-235	1.4	8
21	Modeling Progressive Fibrosis with Pluripotent Stem Cells Identifies an Anti-fibrotic Small Molecule. *Cell Reports*, **2019**, 29, 3488-3505.e9	10.6	10
20	Mitochondrial dynamics regulates Drosophila intestinal stem cell differentiation. *Cell Death Discovery*, **2018**, 4, 17	6.9	16
19	Treating the Intestine with Oral ApoA-I Mimetic Tg6F Reduces Tumor Burden in Mouse Models of Metastatic Lung Cancer. *Scientific Reports*, **2018**, 8, 9032	4.9	23
18	Posttranslational modification of β-catenin is associated with pathogenic fibroblastic changes in bronchopulmonary dysplasia. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 312, L186-L195	5.8	22
17	Identification of a Human Airway Epithelial Cell Subpopulation with Altered Biophysical, Molecular, and Metastatic Properties. *Cancer Prevention Research*, **2017**, 10, 514-524	3.2	6
16	Development of a Three-Dimensional Bioengineering Technology to Generate Lung Tissue for Personalized Disease Modeling. *Stem Cells Translational Medicine*, **2017**, 6, 622-633	6.9	79
15	Metamorphosis of the Drosophila visceral musculature and its role in intestinal morphogenesis and stem cell formation. *Developmental Biology*, **2016**, 420, 43-59	3.1	16
14	A three-dimensional human model of the fibroblast activation that accompanies bronchopulmonary dysplasia identifies Notch-mediated pathophysiology. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2016**, 310, L889-98	5.8	28
13	Dynamic changes in intracellular ROS levels regulate airway basal stem cell homeostasis through Nrf2-dependent Notch signaling. *Cell Stem Cell*, **2014**, 15, 199-214	18	182
12	Aldehyde dehydrogenase activity enriches for proximal airway basal stem cells and promotes their proliferation. *Stem Cells and Development*, **2014**, 23, 664-75	4.4	23

11	Migration of Drosophila intestinal stem cells across organ boundaries. *Development (Cambridge)*, **2013**, 140, 1903-11	6.6	27
10	Migration of Drosophila intestinal stem cells across organ boundaries. *Journal of Cell Science*, **2013**, 126, e1-e1	5.3	
9	Dithiothreitol abrogates the effect of arsenic trioxide on normal rat liver mitochondria and human hepatocellular carcinoma cells. *Toxicology and Applied Pharmacology*, **2008**, 226, 140-52	4.6	39
8	Application of HPLC to study the kinetics of a branched bi-enzyme system consisting of hypoxanthine-guanine phosphoribosyltransferase and xanthine oxidase--an important biochemical system to evaluate the efficiency of the anticancer drug 6-mercaptopurine in ALL cell line. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2007**, 850, 7-14	3.2	9
7	Existence of a distinct concentration window governing daunorubicin-induced mammalian liver mitotoxicity--implication for determining therapeutic window. *Biochemical Pharmacology*, **2007**, 74, 821-30	6	7
6	Cancer the mitochondrial connection. *Biologia (Poland)*, **2007**, 62, 371-380	1.5	7
5	6-mercaptopurine and daunorubicin double drug liposomes-preparation, drug-drug interaction and characterization. *Journal of Liposome Research*, **2005**, 15, 141-55	6.1	45
4	Merits of HPLC-based method over spectrophotometric method for assessing the kinetics and inhibition of mammalian adenosine deaminase. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2005**, 822, 146-53	3.2	19
3	Tyrosine kinase - Role and significance in Cancer. *International Journal of Medical Sciences*, **2004**, 1, 101-115	3.7	283
2	Image quantification technique reveals novel lung cancer cytoskeletal phenotype with partial EMT signature		2
1	Organoid Technology and the COVID Pandemic		1