

# Hiranmoy Das

## List of Publications by Year in descending order

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74  
papers

4,060  
citations

159358

30  
h-index

123241

61  
g-index

78  
all docs

78  
docs citations

78  
times ranked

5329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Urea-Based Inhibitors of the Dopamine Transporter Using the Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis. ACS Chemical Neuroscience, 2022, ,	1.7	2
2	Glial Cells in Neuroinflammation in Various Disease States. , 2022, , 1-25.		6
3	Ferutinin induces osteoblast differentiation of DPSCs via induction of KLF2 and autophagy/mitophagy. Cell Death and Disease, 2022, 13, 452.	2.7	15
4	Dental pulpâ€derived stem cells inhibit osteoclast differentiation by secreting osteoprotegerin and deactivating AKT signalling in myeloid cells. Journal of Cellular and Molecular Medicine, 2021, 25, 2390-2403.	1.6	11
5	Corneal Epithelial Stem Cell Supernatant in the Treatment of Severe Dry Eye Disease: A Pilot Study. Clinical Ophthalmology, 2021, Volume 15, 3097-3107.	0.9	2
6	SETD2-mediated epigenetic regulation of noncanonical Wnt5A during osteoclastogenesis. Clinical Epigenetics, 2021, 13, 192.	1.8	5
7	Cutaneous Wound Generation in Diabetic NOD/SCID Mice and the Use of Nanofiber-Expanded Hematopoietic Stem Cell Therapy. Methods in Molecular Biology, 2021, 2193, 41-48.	0.4	2
8	Generation of Acute Hind Limb Ischemia in NOD/SCID Mice and Treatment with Nanofiber-Expanded CD34+ Hematopoietic Stem Cells. Methods in Molecular Biology, 2021, 2193, 121-128.	0.4	1
9	Generation of Myocardial Ischemic Wounds and Healing with Stem Cells. Methods in Molecular Biology, 2021, 2193, 141-147.	0.4	1
10	Development of Cutaneous Wound in Diabetic Immunocompromised Mice and Use of Dental Pulpâ€Derived Stem Cell Product for Healing. Methods in Molecular Biology, 2021, 2193, 23-30.	0.4	2
11	Ferutinin directs dental pulp-derived stem cells towards the osteogenic lineage by epigenetically regulating canonical Wnt signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165314.	1.8	37
12	Current advances in ischemic stroke research and therapies. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165260.	1.8	315
13	KLF2 regulates dental pulp-derived stem cell differentiation through the induction of mitophagy and altering mitochondrial metabolism. Redox Biology, 2020, 36, 101622.	3.9	43
14	Transcriptional Regulation of Osteoclastogenesis: The Emerging Role of KLF2. Frontiers in Immunology, 2020, 11, 937.	2.2	20
15	Role of Phytochemicals in Cancer Prevention. International Journal of Molecular Sciences, 2019, 20, 4981.	1.8	202
16	Myeloid KrÄppel-Like Factor 2 Critically Regulates K/BxN Serum-Induced Arthritis. Cells, 2019, 8, 908.	1.8	12
17	Nanofiber-expanded human CD34+ cells heal cutaneous wounds in streptozotocin-induced diabetic mice. Scientific Reports, 2019, 9, 8415.	1.6	22
18	Early Detection of Anthracycline-Induced Cardiotoxicity in Breast Cancer Survivors With T2 Cardiac Magnetic Resonance. Circulation: Cardiovascular Imaging, 2019, 12, e008777.	1.3	22

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19	KLF2 (kruppel-like factor 2 [lung]) regulates osteoclastogenesis by modulating autophagy. <i>Autophagy</i> , 2019, 15, 2063-2075.	4.3	71
20	Induction of Kruppel-like factor 2 reduces K/BxN serum-induced arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1386-1395.	1.6	16
21	KLF2 in Regulation of NF- $\kappa$ B-Mediated Immune Cell Function and Inflammation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2383.	1.8	108
22	Advances of Stem Cell Therapeutics in Cutaneous Wound Healing and Regeneration. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	1.4	153
23	Vascular Stem Cells in Regulation of Angiogenesis. , 2017, , 59-74.		0
24	Mechanotransduction in Bone Health, Trauma and Inflammation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 970-985.	2.5	45
25	Nanofiber-expanded human umbilical cord blood-derived CD34 <sup>+</sup> cell therapy accelerates cutaneous wound closure in NOD/SCID mice. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 685-697.	1.6	18
26	Retention of stemness and vasculogenic potential of human umbilical cord blood stem cells after repeated expansions on PES-nanofiber matrices. <i>Biomaterials</i> , 2014, 35, 8566-8575.	5.7	11
27	Nanofiber-expanded human umbilical cord blood-derived CD34 <sup>+</sup> cell therapy accelerates murine cutaneous wound closure by attenuating pro-inflammatory factors and secreting IL-10. <i>Stem Cell Research</i> , 2014, 12, 275-288.	0.3	24
28	Induction of ATM/ATR pathway combined with $\gamma$ 2 T cells enhances cytotoxicity of ovarian cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1071-1079.	1.8	8
29	Generation of Osteoporosis in Immune-Compromised Mice for Stem Cell Therapy. <i>Methods in Molecular Biology</i> , 2014, 1213, 209-214.	0.4	1
30	Hematopoietic Stem Cells and Bone Regeneration. <i>Stem Cells and Cancer Stem Cells</i> , 2014, , 189-200.	0.1	0
31	Neovascularization and Hematopoietic Stem Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 235-245.	0.9	18
32	Human $\gamma$ 2 T cells limit breast cancer growth by modulating cell survival, apoptosis-related molecules and microenvironment in tumors. <i>International Journal of Cancer</i> , 2013, 133, 2133-2144.	2.3	35
33	Impact of Diffusion Barriers to Small Cytotoxic Molecules on the Efficacy of Immunotherapy in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e61398.	1.1	29
34	Umbilical cord blood-derived hematopoietic stem cells improve dopaminergic neuron morphology in the MPTP-mice. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 970.	3.0	11
35	Vascular Stem Cells in Regulation of Angiogenesis. , 2013, , 123-138.		1
36	Hematopoietic Stem Cells: Transcriptional Regulation, Ex Vivo Expansion and Clinical Application. <i>Current Molecular Medicine</i> , 2012, 12, 34-49.	0.6	67

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37	Kruppel-Like Factor 2 (KLF2) Regulates Monocyte Differentiation and Functions in mBSA and IL-1&#946;-Induced Arthritis. <i>Current Molecular Medicine</i> , 2012, 12, 113-125.	0.6	59
38	High-efficiency matrix modulus-induced cardiac differentiation of human mesenchymal stem cells inside a thermosensitive hydrogel. <i>Acta Biomaterialia</i> , 2012, 8, 3586-3595.	4.1	87
39	Human Umbilical Cord Blood-Derived CD34+ Cells Reverse Osteoporosis in NOD/SCID Mice by Altering Osteoblastic and Osteoclastic Activities. <i>PLoS ONE</i> , 2012, 7, e39365.	1.1	36
40	Ex Vivo Expanded Hematopoietic Stem Cells for Ischemia. , 2012, , 219-229.		0
41	Î³Î´ T Cells, Tea and Cancer. , 2012, , 169-184.		0
42	Abstract 531: Human Î³Î´ T cells limit breast tumor growth partly by down regulating cell survival-related molecules and up regulating apoptosis-related molecules in tumor cells. , 2012, , .		0
43	Plasticity and Maintenance of Hematopoietic Stem Cells During Development. <i>Recent Patents on Biotechnology</i> , 2011, 5, 40-53.	0.4	19
44	Human Ovarian Tumor Cells Escape Î³Î´ T Cell Recognition Partly by Down Regulating Surface Expression of MICA and Limiting Cell Cycle Related Molecules. <i>PLoS ONE</i> , 2011, 6, e23348.	1.1	28
45	Safety and efficacy of bone marrow-derived autologous CD133 stem cell therapy. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 506-514.	0.9	32
46	Recent Advances in Hematopoietic Stem Cell-Mediated Regeneration. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 195-206.	0.4	0
47	Recent Advances in Hematopoietic Stem Cell-Mediated Regeneration. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 195-206.	0.4	0
48	Genetic modification of ex-vivo expanded stem cells for clinical application. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 854.	3.0	20
49	Hematopoietic stem cells: ex-vivo expansion and therapeutic potential for myocardial ischemia. <i>Stem Cells and Cloning: Advances and Applications</i> , 2010, 3, 57.	2.3	10
50	A Novel Technology for Hematopoietic Stem Cell Expansion Using Combination of Nanofiber and Growth Factors. <i>Recent Patents on Nanotechnology</i> , 2010, 4, 125-134.	0.7	26
51	Ex Vivo Nanofiber Expansion and Genetic Modification of Human Cord Blood-Derived Progenitor/Stem Cells Enhances Vasculogenesis. <i>Cell Transplantation</i> , 2009, 18, 305-318.	1.2	78
52	Stem Cell Therapy with Overexpressed VEGF and PDGF Genes Improves Cardiac Function in a Rat Infarct Model. <i>PLoS ONE</i> , 2009, 4, e7325.	1.1	87
53	Transvenous Intramyocardial Cellular Delivery Increases Retention in Comparison to Intracoronary Delivery in a Porcine Model of Acute Myocardial Infarction. <i>Journal of Interventional Cardiology</i> , 2008, 21, 424-431.	0.5	34
54	Kruppel-like factor 15 is a regulator of cardiomyocyte hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7074-7079.	3.3	186

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55	Abstract 1144: Successful Surface-Aminated Nanofiber Expansion of Human Umbilical Cord-Derived CD133+ Cells Leads to Augmentation of Angiogenic Functionality In Vitro and In Vivo. <i>Circulation</i> , 2007, 116, .	1.6	0
56	Kruppel-like factor 2 (KLF2) regulates proinflammatory activation of monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6653-6658.	3.3	246
57	Kruppel-Like Factor 2 as a Novel Mediator of Statin Effects in Endothelial Cells. <i>Circulation</i> , 2005, 112, 720-726.	1.6	296
58	Alternative bisphosphonate targets and mechanisms of action. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 746-750.	1.0	62
59	Mechanisms of V $\alpha$ 1 $\gamma$ T Cell Activation by Microbial Components. <i>Journal of Immunology</i> , 2004, 172, 6578-6586.	0.4	72
60	Perforin-dependent killing of tumor cells by V $\beta$ 1V $\alpha$ 1-bearing T-cells. <i>Immunology Letters</i> , 2003, 86, 113-119.	1.1	17
61	Antigens in tea-beverage prime human V $\alpha$ 2V $\alpha$ 2 T cells in vitro and in vivo for memory and nonmemory antibacterial cytokine responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6009-6014.	3.3	103
62	CD1-mediated $\beta$ 1 $\gamma$ T Cell Maturation of Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1575-1584.	4.2	194
63	Human V $\beta$ 2V $\alpha$ 2 T Cells Augment Migration-Inhibitory Factor Secretion and Counteract the Inhibitory Effect of Glucocorticoids on IL-1 $\beta$ and TNF- $\alpha$ Production. <i>Journal of Immunology</i> , 2002, 168, 4889-4896.	0.4	10
64	MICA Engagement by Human V $\beta$ 2V $\alpha$ 2 T Cells Enhances Their Antigen-Dependent Effector Function. <i>Immunity</i> , 2001, 15, 83-93.	6.6	398
65	V $\beta$ 2V $\alpha$ 2 T-cell receptor-mediated recognition of aminobisphosphonates. <i>Blood</i> , 2001, 98, 1616-1618.	0.6	184
66	Kinetic analysis of cytokine gene expression in patients with GVHD after donor lymphocyte infusion. <i>Bone Marrow Transplantation</i> , 2001, 27, 373-380.	1.3	19
67	Human V $\beta$ 2V $\alpha$ 2 T Cells Produce IFN- $\gamma$ and TNF- $\alpha$ with an On/Off/On Cycling Pattern in Response to Live Bacterial Products. <i>Journal of Immunology</i> , 2001, 167, 6195-6201.	0.4	82
68	Antibacterial effect of human V $\beta$ 2V $\alpha$ 2 T cells in vivo. <i>Journal of Clinical Investigation</i> , 2001, 108, 1349-1357.	3.9	138
69	Quantitation of minimal residual disease in t(8;21)-positive acute myelogenous leukemia patients using real-time quantitative RT-PCR. , 2000, 64, 101-106.		40
70	Induction of apoptosis and manganese superoxide dismutase gene by photodynamic therapy in cervical carcinoma cell lines. <i>International Journal of Clinical Oncology</i> , 2000, 5, 97-103.	1.0	12
71	Trophoblastic cells expressing human chorionic gonadotropin genes in peripheral blood of patients with trophoblastic disease. <i>Life Sciences</i> , 2000, 66, 1593-1601.	2.0	9
72	True. <i>British Journal of Cancer</i> , 2000, 82, 1682-1688.	2.9	81

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73	Levels of soluble FasL and FasL gene expression during the development of graft-versus-host disease in DLT-treated patients. <i>British Journal of Haematology</i> , 1999, 104, 795-800.	1.2	42
74	Soluble fas ligand in natural killer cell lymphoma. , 1999, 62, 253-255.		10