

# 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	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
2	Current advances in ischemic stroke research and therapies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165260.	1.8	315
3	Kruppel-Like Factor 2 as a Novel Mediator of Statin Effects in Endothelial Cells. <i>Circulation</i> , 2005, 112, 720-726.	1.6	296
4	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
5	Role of Phytochemicals in Cancer Prevention. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4981.	1.8	202
6	CD1-mediated $\hat{I}^3/\hat{I}^1$ T Cell Maturation of Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1575-1584.	4.2	194
7	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
8	V $\beta$ 2V $\alpha$ 2 T-cell receptor-mediated recognition of aminobisphosphonates. <i>Blood</i> , 2001, 98, 1616-1618.	0.6	184
9	Advances of Stem Cell Therapeutics in Cutaneous Wound Healing and Regeneration. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	1.4	153
10	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
11	KLF2 in Regulation of NF- $\hat{I}^B$ -Mediated Immune Cell Function and Inflammation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2383.	1.8	108
12	Antigens in tea-beverage prime human V $\hat{A}2V\hat{A}2$ 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
13	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
14	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
15	Human V $\hat{I}32V\hat{I}2$ T Cells Produce IFN- $\hat{I}3$ and TNF- $\hat{I}1$ 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
16	True. <i>British Journal of Cancer</i> , 2000, 82, 1682-1688.	2.9	81
17	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
18	Mechanisms of V $\hat{I}1 \hat{I}3$ T Cell Activation by Microbial Components. <i>Journal of Immunology</i> , 2004, 172, 6578-6586.	0.4	72

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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	Hematopoietic Stem Cells: Transcriptional Regulation, Ex Vivo Expansion and Clinical Application. <i>Current Molecular Medicine</i> , 2012, 12, 34-49.	0.6	67
21	Alternative bisphosphonate targets and mechanisms of action. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 746-750.	1.0	62
22	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
23	Mechanosignaling in Bone Health, Trauma and Inflammation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 970-985.	2.5	45
24	KLF2 regulates dental pulp-derived stem cell differentiation through the induction of mitophagy and altering mitochondrial metabolism. <i>Redox Biology</i> , 2020, 36, 101622.	3.9	43
25	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
26	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
27	Ferutinin directs dental pulp-derived stem cells towards the osteogenic lineage by epigenetically regulating canonical Wnt signaling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165314.	1.8	37
28	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
29	Human $\sqrt{3}2\sqrt{2}$ T cells limit breast cancer growth by modulating cell survival&#x201c; apoptosis&#x201c; related molecules and microenvironment in tumors. <i>International Journal of Cancer</i> , 2013, 133, 2133-2144.	2.3	35
30	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
31	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
32	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
33	Human Ovarian Tumor Cells Escape $\sqrt{3}$ 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
34	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
35	Nanofiber-expanded human umbilical cord blood-derived CD34+ 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
36	Nanofiber-expanded human CD34+ cells heal cutaneous wounds in streptozotocin-induced diabetic mice. <i>Scientific Reports</i> , 2019, 9, 8415.	1.6	22

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37	Early Detection of Anthracycline-Induced Cardiotoxicity in Breast Cancer Survivors With T2 Cardiac Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008777.	1.3	22
38	Genetic modification of ex-vivo expanded stem cells for clinical application. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 854.	3.0	20
39	Transcriptional Regulation of Osteoclastogenesis: The Emerging Role of KLF2. <i>Frontiers in Immunology</i> , 2020, 11, 937.	2.2	20
40	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
41	Plasticity and Maintenance of Hematopoietic Stem Cells During Development. <i>Recent Patents on Biotechnology</i> , 2011, 5, 40-53.	0.4	19
42	Neovascularization and Hematopoietic Stem Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 67, 235-245.	0.9	18
43	Nanofiber- $\alpha$ expanded human umbilical cord blood-derived CD <sup>34</sup> <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
44	Perforin-dependent killing of tumor cells by V $\beta$ 1-bearing T-cells. <i>Immunology Letters</i> , 2003, 86, 113-119.	1.1	17
45	Induction of Kr $\beta$ 4ppl-like factor 2 reduces K/BxN serum-induced arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1386-1395.	1.6	16
46	Ferutinin induces osteoblast differentiation of DPSCs via induction of KLF2 and autophagy/mitophagy. <i>Cell Death and Disease</i> , 2022, 13, 452.	2.7	15
47	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
48	Myeloid Kr $\beta$ 4ppl-Like Factor 2 Critically Regulates K/BxN Serum-Induced Arthritis. <i>Cells</i> , 2019, 8, 908.	1.8	12
49	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
50	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
51	Dental pulp-derived stem cells inhibit osteoclast differentiation by secreting osteoprotegerin and deactivating AKT signalling in myeloid cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2390-2403.	1.6	11
52	Soluble fas ligand in natural killer cell lymphoma. , 1999, 62, 253-255.		10
53	Human V $\beta$ 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
54	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

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55	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
56	Induction of ATM/ATR pathway combined with V $\beta$ 2V $\gamma$ 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
57	Glial Cells in Neuroinflammation in Various Disease States. , 2022, , 1-25.		6
58	SETD2-mediated epigenetic regulation of noncanonical Wnt5A during osteoclastogenesis. <i>Clinical Epigenetics</i> , 2021, 13, 192.	1.8	5
59	Corneal Epithelial Stem Cell Supernatant in the Treatment of Severe Dry Eye Disease: A Pilot Study. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 3097-3107.	0.9	2
60	Cutaneous Wound Generation in Diabetic NOD/SCID Mice and the Use of Nanofiber-Expanded Hematopoietic Stem Cell Therapy. <i>Methods in Molecular Biology</i> , 2021, 2193, 41-48.	0.4	2
61	Development of Cutaneous Wound in Diabetic Immunocompromised Mice and Use of Dental Pulp-Derived Stem Cell Product for Healing. <i>Methods in Molecular Biology</i> , 2021, 2193, 23-30.	0.4	2
62	Evaluation of Urea-Based Inhibitors of the Dopamine Transporter Using the Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis. <i>ACS Chemical Neuroscience</i> , 2022, , .	1.7	2
63	Generation of Osteoporosis in Immune-Compromised Mice for Stem Cell Therapy. <i>Methods in Molecular Biology</i> , 2014, 1213, 209-214.	0.4	1
64	Vascular Stem Cells in Regulation of Angiogenesis. , 2013, , 123-138.		1
65	Generation of Acute Hind Limb Ischemia in NOD/SCID Mice and Treatment with Nanofiber-Expanded CD34+ Hematopoietic Stem Cells. <i>Methods in Molecular Biology</i> , 2021, 2193, 121-128.	0.4	1
66	Generation of Myocardial Ischemic Wounds and Healing with Stem Cells. <i>Methods in Molecular Biology</i> , 2021, 2193, 141-147.	0.4	1
67	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
68	Recent Advances in Hematopoietic Stem Cell-Mediated Regeneration. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 195-206.	0.4	0
69	Recent Advances in Hematopoietic Stem Cell-Mediated Regeneration. <i>Recent Patents on Regenerative Medicine</i> , 2011, 1, 195-206.	0.4	0
70	Ex Vivo Expanded Hematopoietic Stem Cells for Ischemia. , 2012, , 219-229.		0
71	$\gamma$ T Cells, Tea and Cancer. , 2012, , 169-184.		0
72	Abstract 531: Human $\gamma$ 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

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73	Hematopoietic Stem Cells and Bone Regeneration. Stem Cells and Cancer Stem Cells, 2014, , 189-200.	0.1	0
74	Vascular Stem Cells in Regulation of Angiogenesis. , 2017, , 59-74.		0