

Neena Kalia

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

762
citations

567144

15
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	The tyrosine phosphatase CD148 is an essential positive regulator of platelet activation and thrombosis. <i>Blood</i> , 2009, 113, 4942-4954.	0.6	115
2	Homeostatic regulation of T cell trafficking by a B cell-derived peptide is impaired in autoimmune and chronic inflammatory disease. <i>Nature Medicine</i> , 2015, 21, 467-475.	15.2	94
3	Mechanisms of ANCA-Mediated Leukocyte-Endothelial Cell Interactions In Vivo. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 973-984.	3.0	80
4	Hematopoietic Stem Cell Homing to Injured Tissues. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 672-682.	5.6	65
5	Mesenchymal Stem Cell Priming: Fine-tuning Adhesion and Function. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 587-599.	5.6	60
6	Human mesenchymal stem cells are recruited to injured liver in a α 21-integrin and CD44 dependent manner. <i>Hepatology</i> , 2012, 56, 1063-1073.	3.6	57
7	Sphingosine-1-Phosphate Prevents Egress of Hematopoietic Stem Cells From Liver to Reduce Fibrosis. <i>Gastroenterology</i> , 2017, 153, 233-248.e16.	0.6	48
8	Critical Role of FcR β -Chain, LAT, PLC β 2 and Thrombin in Arteriolar Thrombus Formation upon Mild, Laser-Induced Endothelial Injury In Vivo. <i>Microcirculation</i> , 2008, 15, 325-335.	1.0	34
9	A Novel Role for PECAM-1 (CD31) in Regulating Haematopoietic Progenitor Cell Compartmentalization between the Peripheral Blood and Bone Marrow. <i>PLoS ONE</i> , 2008, 3, e2338.	1.1	33
10	Pretreatment of Mesenchymal Stem Cells Manipulates Their Vasculoprotective Potential While Not Altering Their Homing Within the Injured Gut. <i>Stem Cells</i> , 2015, 33, 2785-2797.	1.4	33
11	Imaging the injured beating heart intravitaly and the vasculoprotection afforded by haematopoietic stem cells. <i>Cardiovascular Research</i> , 2019, 115, 1918-1932.	1.8	23
12	Modulating the Adhesion of Haematopoietic Stem Cells with Chemokines to Enhance Their Recruitment to the Ischaemically Injured Murine Kidney. <i>PLoS ONE</i> , 2013, 8, e66489.	1.1	17
13	Biomechanical properties of human T cells in the process of activation based on diametric compression by micromanipulation. <i>Medical Engineering and Physics</i> , 2017, 40, 20-27.	0.8	17
14	Enhancing the Adhesion of Hematopoietic Precursor Cell Integrins with Hydrogen Peroxide Increases Recruitment within Murine Gut. <i>Cell Transplantation</i> , 2013, 22, 1485-1499.	1.2	16
15	Tspan18 is a novel regulator of the Ca ²⁺ channel Orai1 and von Willebrand factor release in endothelial cells. <i>Haematologica</i> , 2019, 104, 1892-1905.	1.7	16
16	Targeting IL-36 improves age-related coronary microcirculatory dysfunction and attenuates myocardial ischemia/reperfusion injury in mice. <i>JCI Insight</i> , 2022, 7, .	2.3	12
17	Mechanisms of Adhesion and Subsequent Actions of a Haematopoietic Stem Cell Line, HPC-7, in the Injured Murine Intestinal Microcirculation In Vivo. <i>PLoS ONE</i> , 2013, 8, e59150.	1.1	11
18	Targeting the delivery of systemically administered haematopoietic stem/progenitor cells to the inflamed colon using hydrogen peroxide and platelet microparticle pre-treatment strategies. <i>Stem Cell Research</i> , 2015, 15, 569-580.	0.3	9

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19	Characterising the mechanical properties of haematopoietic and mesenchymal stem cells using micromanipulation and atomic force microscopy. <i>Medical Engineering and Physics</i> , 2019, 73, 18-29.	0.8	7
20	Tify: A quality-based frame selection tool for improving the output of unstable biomedical imaging. <i>PLoS ONE</i> , 2019, 14, e0213162.	1.1	5
21	A historical review of experimental imaging of the beating heart coronary microcirculation in vivo. <i>Journal of Anatomy</i> , 2023, 242, 3-16.	0.9	4
22	Live Intravital Imaging of Cellular Trafficking in the Cardiac Microvasculature—Beating the Odds. <i>Frontiers in Immunology</i> , 2019, 10, 2782.	2.2	3
23	Designing Microfluidic Devices to Sort Haematopoietic Stem Cells Based on Their Mechanical Properties. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	0
24	Macroscopic assessment of the quality of cold perfusion after deceased donor kidney procurement: A United Kingdom population-based cohort study. <i>Clinical Transplantation</i> , 2021, 35, e14272.	0.8	0
25	Imaging Stem Cell-Based Myocardial Vasculoprotection. , 2021, , 1-26.		0