Rajiv K Saxena

List of Publications by Year
in descending order

68	1,290	430874 18	395702 33
papers	citations	h-index	g-index

71	71	71	1508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of COVID-19 Infection on Menstruation: A Retrospective Study. Journal of SAFOG, 2022, 14, 161-165.	0.2	2
2	Toxicity of poly-dispersed single-walled carbon nanotubes on bone marrow derived Hematopoietic Stem and Progenitor Cells. Current Research in Toxicology, 2021, 2, 82-92.	2.7	2
3	Nanodiamonds inhibit scratch-wound repair in lung epithelial cell monolayers by blocking cell migration and inhibiting cell proliferation. Toxicology Letters, 2021, 341, 83-93.	0.8	4
4	Poly-dispersed Acid-Functionalized Single-Walled Carbon Nanotubes (AF-SWCNTs) Are Potent Inhibitor of BCG Induced Inflammatory Response in Macrophages. Inflammation, 2021, 44, 908-922.	3.8	4
5	Enhanced antibody response to ovalbumin coupled to poly-dispersed acid functionalized single walled carbon nanotubes. Immunology Letters, 2020, 217, 77-83.	2.5	8
6	Need of Alcohol Reference Materials and Reliable Measurement of Alcohol Content by Breath Alcohol Analyzer in India: An Overview. Mapan - Journal of Metrology Society of India, 2020, 35, 111-115.	1.5	1
7	Poly dispersed acid-functionalized single walled carbon nanotubes target activated T and B cells to suppress acute and chronic GVHD in mouse model. Immunology Letters, 2020, 224, 30-37.	2.5	4
8	Acid-functionalized single-walled carbon nanotubes alter epithelial tight junctions and enhance paracellular permeability. Journal of Biosciences, 2020, 45, 1.	1.1	13
9	Acid-functionalized single-walled carbon nanotubes alter epithelial tight junctions and enhance paracellular permeability. Journal of Biosciences, 2020, 45, .	1.1	1
10	Elevated internalization and cytotoxicity of polydispersed single-walled carbon nanotubes in activated B cells can be basis for preferential depletion of activated B cells in vivo. Nanotoxicology, 2019, 13, 849-860.	3.0	13
11	Evidence of CD1d pathway of lipid antigen presentation in mouse primary lung epithelial cells and its up-regulation upon Mycobacterium bovis BCG infection. PLoS ONE, 2018, 13, e0210116.	2.5	15
12	Phosphatidyl serine externalization in different age groups of mouse erythrocytes in response to agents that induce anemia. Hematology & Transfusion International Journal, 2018, 6, .	0.1	0
13	Therapeutic Potential, Challenges and Future Perspective of Cancer Stem Cells in Translational Oncology: A Critical Review. Current Stem Cell Research and Therapy, 2017, 12, 207-224.	1.3	19
14	Binding of Autoantibodies and Apoptotic Response in Erythroid Cells in the Mouse Model of Autoimmune Hemolytic Anemia. Hematology & Transfusion International Journal, 2017, 5, .	0.1	0
15	Uptake of poly-dispersed single-walled carbon nanotubes and decline of functions in mouse NK cells undergoing activation. Journal of Immunotoxicology, 2016, 13, 758-765.	1.7	10
16	Identification of Stages of Erythroid Differentiation in Bone Marrow and Erythrocyte Subpopulations in Blood Circulation that Are Preferentially Lost in Autoimmune Hemolytic Anemia in Mouse. PLoS ONE, 2016, 11, e0166878.	2.5	9
17	Development and Validation of Method with Evaluation of Measurement Uncertainty for the Speciation Analysis of Chromium by Ion Chromatography. Mapan - Journal of Metrology Society of India, 2015, 30, 131-137.	1.5	6
18	Lipid antigen presentation through CD1d pathway in mouse lung epithelial cells, macrophages and dendritic cells and its suppression by poly-dispersed single-walled carbon nanotubes. Toxicology in Vitro, 2015, 29, 1275-1282.	2.4	20

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19	Selective loss of younger erythrocytes from blood circulation and changes in erythropoietic patterns in bone marrow and spleen in mouse anemia induced by poly-dispersed single-walled carbon nanotubes. Nanotoxicology, 2015, 9, 1032-1040.	3.0	21
20	Preferential Elimination of Older Erythrocytes in Circulation and Depressed Bone Marrow Erythropoietic Activity Contribute to Cadmium Induced Anemia in Mice. PLoS ONE, 2015, 10, e0132697.	2.5	14
21	Elimination of Young Erythrocytes from Blood Circulation and Altered Erythropoietic Patterns during Paraquat Induced Anemic Phase in Mice. PLoS ONE, 2014, 9, e99364.	2.5	20
22	Interactions of polydispersed single-walled carbon nanotubes with T cells resulting in downregulation of allogeneic CTL responsesin vitroandin vivo. Nanotoxicology, 2013, 7, 1351-1360.	3.0	28
23	A Double in vivo Biotinylation Technique for Objective Assessment of Aging and Clearance of Mouse Erythrocytes in Blood Circulation. Transfusion Medicine and Hemotherapy, 2012, 39, 335-341.	1.6	16
24	Loss of Proliferation and Antigen Presentation Activity following Internalization of Polydispersed Carbon Nanotubes by Primary Lung Epithelial Cells. PLoS ONE, 2012, 7, e31890.	2.5	18
25	Cytotoxic Effect of Poly-Dispersed Single Walled Carbon Nanotubes on Erythrocytes In Vitro and In Vivo. PLoS ONE, 2011, 6, e22032.	2.5	60
26	Quantitative Assessment of Elemental Carbon In The Lungs of Never Smokers, Cigarette Smokers, and Coal Miners. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 706-715.	2.3	8
27	Relative Efficacy of Uptake and Presentation of Mycobacterium bovis BCG Antigens by Type I Mouse Lung Epithelial Cells and Peritoneal Macrophages. Infection and Immunity, 2011, 79, 3159-3167.	2.2	20
28	Voltage Gated Calcium Channels Negatively Regulate Protective Immunity to Mycobacterium tuberculosis. PLoS ONE, 2009, 4, e5305.	2.5	53
29	Differential Pulmonary Retention of Diesel Exhaust Particles in Wistar Kyoto and Spontaneously Hypertensive Rats. Toxicological Sciences, 2009, 111, 392-401.	3.1	12
30	Influence of acid functionalization on the cardiopulmonary toxicity of carbon nanotubes and carbon black particles in mice. Toxicology and Applied Pharmacology, 2009, 239, 224-232.	2.8	97
31	A role of phosphatidylserine externalization in clearance of erythrocytes exposed to stress but not in eliminating aging populations of erythrocyte in mice. Experimental Gerontology, 2008, 43, 764-770.	2.8	27
32	Isolation and quantitative estimation of diesel exhaust and carbon black particles ingested by lung epithelial cells and alveolar macrophages in vitro. BioTechniques, 2008, 44, 799-805.	1.8	28
33	Protective Immunity to Mycobacterium tuberculosis Infection by Chemokine and Cytokine Conditioned CFP-10 Differentiated Dendritic Cells. PLoS ONE, 2008, 3, e2869.	2.5	27
34	Enhancedin vitroandin vivotoxicity of poly-dispersed acid-functionalized single-wall carbon nanotubes. Nanotoxicology, 2007, 1, 291-300.	3.0	79
35	Reduced expression of CD47 during murine red blood cell (RBC) senescence and its role in RBC clearance from the circulation. Transfusion, 2007, 47, 1725-1732.	1.6	154
36	Age-dependent increase in green autofluorescence of blood erythrocytes. Journal of Biosciences, 2007, 32, 1139-1145.	1.1	30

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37	Assessment of survival of aging erythrocyte in circulation and attendant changes in size and CD147 expression by a novel two step biotinylation method. Experimental Gerontology, 2006, 41, 855-861.	2.8	28
38	Early effect of Mycobacterium tuberculosis infection on Mac-1 and ICAM-1 expression on mouse peritoneal macrophages. Experimental and Molecular Medicine, 2004, 36, 387-395.	7.7	24
39	Role of interaction between Ly49 inhibitory receptors and cognate MHC I molecules in IL2-induced development of NK cells in murine bone marrow cell cultures. Immunology Letters, 2004, 94, 209-214.	2.5	7
40	Evidence for lipopolysaccharideinduced differentiation of RAW264.7 murine macrophage cell line into dendritic like cells. Journal of Biosciences, 2003, 28, 129-134.	1.1	81
41	Identification of organic fractions of diesel exhaust particulate (DEP) which inhibit nitric oxide (NO) production from a murine macrophage cell line. Toxicology Letters, 2003, 143, 317-322.	0.8	18
42	Effect of Diesel Exhaust Particulate on Bacillus Calmette-Guerin Lung Infection in Mice and Attendant Changes in Lung Interstitial Lymphoid Subpopulations and IFNgamma Response. Toxicological Sciences, 2003, 73, 66-71.	3.1	24
43	Murine model of BCG lung infection: Dynamics of lymphocyte subpopulations in lung interstitium and tracheal lymph nodes. Journal of Biosciences, 2002, 27, 143-153.	1.1	19
44	Detection of Mycobacterium tuberculosis Antigens in Urinary Proteins of Tuberculosis Patients. European Journal of Clinical Microbiology and Infectious Diseases, 2002, 21, 1-5.	2.9	30
45	Abrogation of tumor induced Ly49 expression on mouse spleen cells by Mitomycin C. Immunology Letters, 2001, 77, 73-77.	2.5	2
46	Upregulation of KIR expression on murine bone marrow cells by paraformaldehyde fixed tumor cells. Immunology Letters, 2000, 70, 157-163.	2.5	2
47	In Vitro erythrocidal activity of activated spleen cells from young and old mice. Experimental Gerontology, 2000, 35, 409-416.	2.8	2
48	Should erythrocyte destructionin vivo be through phagocytosis alone?. Journal of Biosciences, 2000, 25, 3-5.	1.1	3
49	Cytolytic activity of mitogen activated old and young mouse spleen cells against tumor target cells expressing high or low levels of Fas antigen. Experimental and Molecular Medicine, 1999, 31, 137-141.	7.7	5
50	CpG-containing oligodeoxynucleotides as new generation adjuvants in DNA and protein vaccines. Journal of Biosciences, 1998, 23, 164-167.	1.1	1
51	Tumor specific boosting of IL-2 induced NK activation by paraformaldehyde fixed tumor cells. Immunology Letters, 1998, 63, 153-158.	2.5	6
52	Species specificity of a novel factor which augments the expression of MHC class I antigens on tumor cell lines. Experimental and Molecular Medicine, 1997, 29, 129-132.	7.7	1
53	Missing self by heterogeneous natural killer cells. Journal of Biosciences, 1997, 22, 3-12.	1.1	3
54	Mechanism of interaction of pH 3.0 treated tumor cells expressing lower levels of class I MHC antigens, with IL-2 activated NK cells. Immunology Letters, 1997, 55, 167-171.	2.5	0

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55	Ontogeny of inhibitory receptors for MHC molecules on NK cells. Trends in Immunology, 1997, 18, 146.	7.5	6
56	Identification and partial purification of a human natural killer cell proliferation-inducing factor. Journal of Biosciences, 1996, 21, 455-469.	1.1	2
57	Bcl-2 transfection protects Hut78 cell line from different types of cytotoxic effector cells. Immunology Letters, 1996, 52, 95-98.	2.5	2
58	B-Cell Mitogenic Effect of Dinitrophenyl Derivative of Mycobacterium Tuberculosis Antigens. Cellular Immunology, 1993, 149, 422-432.	3.0	1
59	Antigenic epitopes onMycobacterium tuberculosisrecognized by antibodies in tuberculosis and mouse antisera. FEMS Microbiology Letters, 1991, 76, 7-12.	1.8	11
60	Necessity for interaction between adherent and non-adherent rat spleen cells for the generation of a suppressor factor of NK activation. Immunology Letters, 1990, 24, 93-96.	2.5	1
61	Lack of optimal activation of natural killer levels by interleukin-2 in rat spleen cells: Evidence for suppression. Cellular Immunology, 1989, 122, 548-554.	3.0	10
62	A spleen cell derived factor imparts resistance to NK cell mediated lysis in a mouse lymphoma cell line. Immunology Letters, 1987, 15, 105-108.	2.5	9
63	Defective T-cell response in beige mutant mice. Nature, 1982, 295, 240-241.	27.8	118
64	Modulation of natural cytotoxicity by alloantibodies. Cellular Immunology, 1981, 63, 28-41.	3.0	18
65	Modulation of natural cytotoxicity by alloantibodies. Cellular Immunology, 1981, 65, 115-130.	3.0	4
66	Monoclonal Anti Thy 1.2 Antibodies from Hybridoma Ho13-4 do not React with Mouse Natural Killer Cells. Immunological Investigations, 1980, 9, 371-378.	0.8	6
67	A Double In Vivo Biotinylation Technique to Assess Erythrocyte Turnover in Blood Circulation. , 0, , .		1
68	Natural Killer Cells Interaction with Carbon Nanoparticles. , 0, , .		2