

Robert A Clark

List of Publications by Year in descending order

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82
papers

8,018
citations

66343
42
h-index

60623
81
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83
all docs

83
docs citations

83
times ranked

8818
citing authors

#	ARTICLE	IF	CITATIONS
1	Repetitive aeroallergen challenges elucidate maladaptive epithelial and inflammatory traits that underpin allergic airway diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 533-549.	2.9	7
2	Immunologic resilience and COVID-19 survival advantage. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1176-1191.	2.9	21
3	Large-scale provocation studies identify maladaptive responses to ubiquitous aeroallergens as a correlate of severe allergic rhinoconjunctivitis and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, , .	5.7	7
4	Non-toxic HSC Transplantation-Based Macrophage/Microglia-Mediated GDNF Delivery for Parkinson's Disease. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 83-98.	4.1	16
5	Reduced cerebral blood flow in an α -synuclein transgenic mouse model of Parkinson's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2441-2453.	4.3	10
6	Mobilization-based transplantation of young donor hematopoietic stem cells extends lifespan in mice. <i>Aging Cell</i> , 2020, 19, e13110.	6.7	13
7	Intersecting Stories of the Phagocyte NADPH Oxidase and Chronic Granulomatous Disease. <i>Methods in Molecular Biology</i> , 2019, 1982, 3-16.	0.9	13
8	Lentiviral Infection of Mouse Bone Marrow Cells for Hematopoietic Stem Cell Transplantation. <i>Methods in Molecular Biology</i> , 2019, 1919, 205-213.	0.9	1
9	Functional MRI of the mouse olfactory system. <i>Neuroscience Letters</i> , 2019, 704, 57-61.	2.1	15
10	Methylene Blue Ameliorates Olfactory Dysfunction and Motor Deficits in a Chronic MPTP/Probenecid Mouse Model of Parkinson's Disease. <i>Neuroscience</i> , 2018, 380, 111-122.	2.3	22
11	GDNF-expressing macrophages mitigate loss of dopamine neurons and improve Parkinsonian symptoms in MitoPark mice. <i>Scientific Reports</i> , 2018, 8, 5460.	3.3	30
12	Regulatable Lentiviral Hematopoietic Stem Cell Gene Therapy in a Mouse Model of Parkinson's Disease. <i>Stem Cells and Development</i> , 2018, 27, 995-1005.	2.1	10
13	Improving pilot project application and review processes: A novel application of lean six sigma in translational science. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 135-138.	0.6	6
14	Preservation of epithelial cell barrier function and muted inflammation in resistance to allergic rhinoconjunctivitis from house dust mite challenge. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 844-854.	2.9	16
15	Multimodal MRI Evaluation of the MitoPark Mouse Model of Parkinson's Disease. <i>PLoS ONE</i> , 2016, 11, e0151884.	2.5	23
16	Editorial: Proton pathway paradox: Hv1 H ⁺ channel sustains neutrophil Nox2 activity, yet suppresses HOCl formation. <i>Journal of Leukocyte Biology</i> , 2016, 99, 1-4.	3.3	7
17	Nox2 Mediates Skeletal Muscle Insulin Resistance Induced by a High Fat Diet. <i>Journal of Biological Chemistry</i> , 2015, 290, 13427-13439.	3.4	63
18	Influence of the Timing of Antiretroviral Therapy on the Potential for Normalization of Immune Status in Human Immunodeficiency Virus 1-Infected Individuals. <i>JAMA Internal Medicine</i> , 2015, 175, 88.	5.1	69

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19	Cockroach sensitization mitigates allergic rhinoconjunctivitis symptom severity in patients allergic to house dust mites and pollen. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 658-666.	2.9	8
20	Epigenetic mechanisms, T-cell activation, and CCR5 genetics interact to regulate T-cell expression of CCR5, the major HIV-1 coreceptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4762-71.	7.1	48
21	Bone marrow-derived microglia-based neurturin delivery protects against dopaminergic neurodegeneration in a mouse model of Parkinson's disease. <i>Neuroscience Letters</i> , 2013, 535, 24-29.	2.1	41
22	Advanced oxidation protein products induce cardiomyocyte death via Nox2/Rac1/superoxide-dependent TRAF3IP2/JNK signaling. <i>Free Radical Biology and Medicine</i> , 2013, 60, 125-135.	2.9	50
23	Enhanced CD4+ T-Cell Recovery with Earlier HIV-1 Antiretroviral Therapy. <i>New England Journal of Medicine</i> , 2013, 368, 218-230.	27.0	295
24	Neuroprotective Efficacy of a New Brain-Penetrating C-Abl Inhibitor in a Murine Parkinson's Disease Model. <i>PLoS ONE</i> , 2013, 8, e65129.	2.5	62
25	Angiotensin II enhances AT ₁ -Nox1 binding and stimulates arterial smooth muscle cell migration and proliferation through AT ₁ , Nox1, and interleukin-18. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H282-H296.	3.2	86
26	CIKS (Act1 or TRAF3IP2) mediates Angiotensin-II-induced Interleukin-18 expression, and Nox2-dependent cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 113-124.	1.9	46
27	NOX5 in Human Spermatozoa. <i>Journal of Biological Chemistry</i> , 2012, 287, 9376-9388.	3.4	135
28	Macrophage LXR gene therapy ameliorates atherosclerosis as well as hypertriglyceridemia in LDLR ^{-/-} mice. <i>Gene Therapy</i> , 2011, 18, 835-841.	4.5	14
29	Duffy-Null Associated Low Neutrophil Counts Influence HIV-1 Susceptibility in High-Risk South African Black Women. <i>Clinical Infectious Diseases</i> , 2011, 52, 1248-1256.	5.8	69
30	Novel Regulation of Parkin Function through c-Abl-Mediated Tyrosine Phosphorylation: Implications for Parkinson's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 157-163.	3.6	186
31	Concordance of CCR5 Genotypes that Influence Cell-Mediated Immunity and HIV-1 Disease Progression Rates. <i>Journal of Infectious Diseases</i> , 2011, 203, 263-272.	4.0	29
32	WNT1-inducible signaling pathway protein-1 activates diverse cell survival pathways and blocks doxorubicin-induced cardiomyocyte death. <i>Cellular Signalling</i> , 2010, 22, 809-820.	3.6	111
33	Regulation of phagocyte NADPH oxidase by hydrogen peroxide through a Ca ²⁺ /c-Abl signaling pathway. <i>Free Radical Biology and Medicine</i> , 2010, 48, 798-810.	2.9	43
34	Macrophage-mediated GDNF Delivery Protects Against Dopaminergic Neurodegeneration: A Therapeutic Strategy for Parkinson's Disease. <i>Molecular Therapy</i> , 2010, 18, 1536-1544.	8.2	91
35	Granulocytic Phagocytes. , 2010, , 99-127.		3
36	WISP1, a Pro-mitogenic, Pro-survival Factor, Mediates Tumor Necrosis Factor- α (TNF- α)-stimulated Cardiac Fibroblast Proliferation but Inhibits TNF- α -induced Cardiomyocyte Death. <i>Journal of Biological Chemistry</i> , 2009, 284, 14414-14427.	3.4	102

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37	Reply to: “CCL3L1 and HIV/AIDS susceptibility” and “Experimental aspects of copy number variant assays at CCL3L1”. Nature Medicine, 2009, 15, 1117-1120.	30.7	24
38	Response: Association of Duffy Antigen Genotypes with HIV-AIDS Susceptibility. Cell Host and Microbe, 2009, 5, 418-419.	11.0	19
39	Small-Molecule NOX Inhibitors: ROS-Generating NADPH Oxidases as Therapeutic Targets. Antioxidants and Redox Signaling, 2009, 11, 2535-2552.	5.4	233
40	The Duffy-null state is associated with a survival advantage in leukopenic HIV-infected persons of African ancestry. Blood, 2009, 114, 2783-2792.	1.4	56
41	Combinatorial content of CCL3L and CCL4L gene copy numbers influence HIV-AIDS susceptibility in Ukrainian children. Aids, 2009, 23, 679-688.	2.2	39
42	Role of Tuberlin in Neuronal Degeneration. Neurochemical Research, 2008, 33, 1113-1116.	3.3	10
43	NOX enzymes as novel targets for drug development. Seminars in Immunopathology, 2008, 30, 339-363.	6.1	187
44	CCL3L1-CCR5 genotype influences durability of immune recovery during antiretroviral therapy of HIV-1 infected individuals. Nature Medicine, 2008, 14, 413-420.	30.7	118
45	Regulation of NOX1 expression by GATA, HNF-1 α , and Cdx transcription factors. Free Radical Biology and Medicine, 2008, 44, 430-443.	2.9	31
46	Novel redox-dependent regulation of NOX5 by the tyrosine kinase c-Abl. Free Radical Biology and Medicine, 2008, 44, 868-881.	2.9	103
47	Interleukin-18 Suppresses Adiponectin Expression in 3T3-L1 Adipocytes via a Novel Signal Transduction Pathway Involving ERK1/2-dependent NFATc4 Phosphorylation. Journal of Biological Chemistry, 2008, 283, 4200-4209.	3.4	25
48	CCL3L1-CCR5 Genotype Improves the Assessment of AIDS Risk in HIV-1-Infected Individuals. PLoS ONE, 2008, 3, e3165.	2.5	23
49	Role of CCL3L1-CCR5 Genotypes in the Epidemic Spread of HIV-1 and Evaluation of Vaccine Efficacy. PLoS ONE, 2008, 3, e3671.	2.5	23
50	HIV-1 Disease-Influencing Effects Associated with ZNRD1, HCP5 and HLA-C Alleles Are Attributable Mainly to Either HLA-A10 or HLA-B*57 Alleles. PLoS ONE, 2008, 3, e3636.	2.5	70
51	NAD(P)H Oxidases Regulate HIF-2 α Protein Expression. Journal of Biological Chemistry, 2007, 282, 8019-8026.	3.4	107
52	CCL3L1 and CCR5 influence cell-mediated immunity and affect HIV-AIDS pathogenesis via viral entry-independent mechanisms. Nature Immunology, 2007, 8, 1324-1336.	14.5	152
53	NOX1 NADPH oxidase regulation by the NOXA1 SH3 domain. Free Radical Biology and Medicine, 2007, 43, 384-396.	2.9	20
54	Development of a Synthetic Promoter for Macrophage Gene Therapy. Human Gene Therapy, 2006, 17, 949-959.	2.7	44

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55	Development of a Synthetic Promoter for Macrophage Gene Therapy. Human Gene Therapy, 2006, .	2.7	1
56	The Influence of <i>CCL3L1</i> Gene-Containing Segmental Duplications on HIV-1/AIDS Susceptibility. Science, 2005, 307, 1434-1440.	12.6	1,040
57	Nuclear factor kappa B activation by NADPH oxidases. Mechanisms of Ageing and Development, 2004, 125, 799-810.	4.6	71
58	Mechanisms of activation of NADPH oxidases. Japanese Journal of Infectious Diseases, 2004, 57, S22-3.	1.2	10
59	Two Novel Proteins Activate Superoxide Generation by the NADPH Oxidase NOX1. Journal of Biological Chemistry, 2003, 278, 3510-3513.	3.4	430
60	Multiple PU.1 sites cooperate in the regulation of p40phox transcription during granulocytic differentiation of myeloid cells. Blood, 2002, 99, 4578-4587.	1.4	31
61	Regulation of Calreticulin Expression during Induction of Differentiation in Human Myeloid Cells. Journal of Biological Chemistry, 2002, 277, 32369-32378.	3.4	19
62	Global survey of genetic variation in CCR5, RANTES, and MIP-1 α : Impact on the epidemiology of the HIV-1 pandemic. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 5199-5204.	7.1	225
63	Transcriptional Regulation of the p67 Gene. Journal of Biological Chemistry, 2001, 276, 39368-39378.	3.4	26
64	Role of redox-regulated transcription factors in inflammation, aging and age-related diseases. Experimental Gerontology, 2000, 35, 521-532.	2.8	275
65	Calreticulin Modulates Capacitative Ca ²⁺ Influx by Controlling the Extent of Inositol 1,4,5-Trisphosphate-induced Ca ²⁺ Store Depletion. Journal of Biological Chemistry, 2000, 275, 36676-36682.	3.4	52
66	Peroxidases: A Historical Overview of Milestones in Research on Myeloperoxidase. , 2000, , 1-10.		1
67	Critical Flanking Sequences of PU.1 Binding Sites in Myeloid-specific Promoters. Journal of Biological Chemistry, 1999, 274, 32453-32460.	3.4	38
68	Race-specific HIV-1 disease-modifying effects associated with CCR5 haplotypes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12004-12009.	7.1	248
69	Genealogy of the CCR5 locus and chemokine system gene variants associated with altered rates of HIV-1 disease progression. Nature Medicine, 1998, 4, 786-793.	30.7	329
70	Infected Cardiac Myxoma: Case Report and Literature Review. Medicine (United States), 1998, 77, 337-344.	1.0	57
71	PU.1 Is Essential for p47 Promoter Activity in Myeloid Cells. Journal of Biological Chemistry, 1997, 272, 17802-17809.	3.4	67
72	Calreticulin Biosynthesis and Processing in Human Myeloid Cells: Demonstration of Signal Peptide Cleavage and N-Glycosylation. Blood, 1997, 90, 372-381.	1.4	39

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73	Calreticulin Biosynthesis and Processing in Human Myeloid Cells: Demonstration of Signal Peptide Cleavage and N-Glycosylation. Blood, 1997, 90, 372-381.	1.4	12
74	A Domain of p47phox That Interacts with Human Neutrophil Flavocytochrome b558. Journal of Biological Chemistry, 1995, 270, 26246-26251.	3.4	93
75	Calreticulin Functions as a Molecular Chaperone in the Biosynthesis of Myeloperoxidase. Journal of Biological Chemistry, 1995, 270, 4741-4747.	3.4	229
76	Redistribution of intracellular Ca ²⁺ stores during phagocytosis in human neutrophils. Science, 1994, 265, 1439-1441.	12.6	141
77	Cloning of a 67-kD neutrophil oxidase factor with similarity to a noncatalytic region of p60c-src. Science, 1990, 248, 727-730.	12.6	403
78	Two cytosolic components of the neutrophil NADPH oxidase, P47-PHOX and P67-PHOX, are not flavoproteins. Biochemical and Biophysical Research Communications, 1990, 173, 376-381.	2.1	27
79	Genetic Variants of Chronic Granulomatous Disease: Prevalence of Deficiencies of Two Cytosolic Components of the NADPH Oxidase System. New England Journal of Medicine, 1989, 321, 647-652.	27.0	238
80	Cloning of the cDNA and functional expression of the 47-kilodalton cytosolic component of human neutrophil respiratory burst oxidase.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 7195-7199.	7.1	322
81	Two cytosolic neutrophil oxidase components absent in autosomal chronic granulomatous disease. Science, 1988, 242, 1295-1297.	12.6	392
82	Chemotactic Factor Inactivation by the Myeloperoxidase-Hydrogen Peroxide-Halide System. Journal of Clinical Investigation, 1979, 64, 913-920.	8.2	144