Robert A Clark

List of Publications by Year
in descending order

82 papers	8,018 citations	66315 42 h-index	60583 81 g-index
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. Journal of Allergy and Clinical Immunology, 2021, 148, 533-549.	1.5	7
2	Immunologic resilience and COVID-19 survival advantage. Journal of Allergy and Clinical Immunology, 2021, 148, 1176-1191.	1.5	21
3	Largeâ€scale provocation studies identify maladaptive responses to ubiquitous aeroallergens as a correlate of severe allergic rhinoconjunctivitis and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, , .	2.7	7
4	Non-toxic HSC Transplantation-Based Macrophage/Microglia-Mediated GDNF Delivery for Parkinsonâ€™s Disease. Molecular Therapy - Methods and Clinical Development, 2020, 17, 83-98.	1.8	16
5	Reduced cerebral blood flow in an Î±-synuclein transgenic mouse model of Parkinsonâ€™s disease. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2441-2453.	2.4	10
6	Mobilizationâ€based transplantation of youngâ€donor hematopoietic stem cells extends lifespan in mice. Aging Cell, 2020, 19, e13110.	3.0	13
7	Intersecting Stories of the Phagocyte NADPH Oxidase and Chronic Granulomatous Disease. Methods in Molecular Biology, 2019, 1982, 3-16.	0.4	13
8	Lentiviral Infection of Mouse Bone Marrow Cells for Hematopoietic Stem Cell Transplantation. Methods in Molecular Biology, 2019, 1919, 205-213.	0.4	1
9	Functional MRI of the mouse olfactory system. Neuroscience Letters, 2019, 704, 57-61.	1.0	15
10	Methylene Blue Ameliorates Olfactory Dysfunction and Motor Deficits in a Chronic MPTP/Probenecid Mouse Model of Parkinsonâ€™s Disease. Neuroscience, 2018, 380, 111-122.	1.1	22
11	GDNF-expressing macrophages mitigate loss of dopamine neurons and improve Parkinsonian symptoms in MitoPark mice. Scientific Reports, 2018, 8, 5460.	1.6	30
12	Regulatable Lentiviral Hematopoietic Stem Cell Gene Therapy in a Mouse Model of Parkinson's Disease. Stem Cells and Development, 2018, 27, 995-1005.	1.1	10
13	Improving pilot project application and review processes: A novel application of lean six sigma in translational science. Journal of Clinical and Translational Science, 2018, 2, 135-138.	0.3	6
14	Preservation of epithelial cell barrier function and muted inflammation in resistance to allergic rhinoconjunctivitis from house dust mite challenge. Journal of Allergy and Clinical Immunology, 2017, 139, 844-854.	1.5	16
15	Multimodal MRI Evaluation of the MitoPark Mouse Model of Parkinsonâ€™s Disease. PLoS ONE, 2016, 11, e0151884.	1.1	23
16	Editorial: Proton pathway paradox: Hv1 H+ channel sustains neutrophil Nox2 activity, yet suppresses HOCl formation. Journal of Leukocyte Biology, 2016, 99, 1-4.	1.5	7
17	Nox2 Mediates Skeletal Muscle Insulin Resistance Induced by a High Fat Diet. Journal of Biological Chemistry, 2015, 290, 13427-13439.	1.6	63
18	Influence of the Timing of Antiretroviral Therapy on the Potential for Normalization of Immune Status in Human Immunodeficiency Virus 1â€“Infected Individuals. JAMA Internal Medicine, 2015, 175, 88.	2.6	69

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19	Cockroach sensitization mitigates allergic rhinoconjunctivitis symptom severity in patients allergic to house dust mites and pollen. Journal of Allergy and Clinical Immunology, 2015, 136, 658-666.	1.5	8
20	Epigenetic mechanisms, T-cell activation, andCCR5genetics interact to regulate T-cell expression of CCR5, the major HIV-1 coreceptor. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4762-71.	3.3	48
21	Bone marrow-derived microglia-based neurturin delivery protects against dopaminergic neurodegeneration in a mouse model of Parkinson's disease. Neuroscience Letters, 2013, 535, 24-29.	1.0	41
22	Advanced oxidation protein products induce cardiomyocyte death via Nox2/Rac1/superoxide-dependent TRAF3IP2/JNK signaling. Free Radical Biology and Medicine, 2013, 60, 125-135.	1.3	50
23	Enhanced CD4+ T-Cell Recovery with Earlier HIV-1 Antiretroviral Therapy. New England Journal of Medicine, 2013, 368, 218-230.	13.9	295
24	Neuroprotective Efficacy of a New Brain-Penetrating C-Abl Inhibitor in a Murine Parkinsonâ€™s Disease Model. PLoS ONE, 2013, 8, e65129.	1.1	62
25	Angiotensin II enhances AT₁-Nox1 binding and stimulates arterial smooth muscle cell migration and proliferation through AT₁, Nox1, and interleukin-18. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H282-H296.	1.5	86
26	CIKS (Act1 or TRAF3IP2) mediates Angiotensin-II-induced Interleukin-18 expression, and Nox2-dependent cardiomyocyte hypertrophy. Journal of Molecular and Cellular Cardiology, 2012, 53, 113-124.	0.9	46
27	NOX5 in Human Spermatozoa. Journal of Biological Chemistry, 2012, 287, 9376-9388.	1.6	135
28	Macrophage LXRÎ± gene therapy ameliorates atherosclerosis as well as hypertriglyceridemia in LDLRâ^'/â^' mice. Gene Therapy, 2011, 18, 835-841.	2.3	14
29	Duffy-Nullâ€“Associated Low Neutrophil Counts Influence HIV-1 Susceptibility in High-Risk South African Black Women. Clinical Infectious Diseases, 2011, 52, 1248-1256.	2.9	69
30	Novel Regulation of Parkin Function through c-Abl-Mediated Tyrosine Phosphorylation: Implications for Parkinson's Disease. Journal of Neuroscience, 2011, 31, 157-163.	1.7	186
31	Concordance of CCR5 Genotypes that Influence Cell-Mediated Immunity and HIV-1 Disease Progression Rates. Journal of Infectious Diseases, 2011, 203, 263-272.	1.9	29
32	WNT1-inducible signaling pathway protein-1 activates diverse cell survival pathways and blocks doxorubicin-induced cardiomyocyte death. Cellular Signalling, 2010, 22, 809-820.	1.7	111
33	Regulation of phagocyte NADPH oxidase by hydrogen peroxide through a Ca2+/c-Abl signaling pathway. Free Radical Biology and Medicine, 2010, 48, 798-810.	1.3	43
34	Macrophage-mediated GDNF Delivery Protects Against Dopaminergic Neurodegeneration: A Therapeutic Strategy for Parkinson's Disease. Molecular Therapy, 2010, 18, 1536-1544.	3.7	91
35	Granulocytic Phagocytes. , 2010, , 99-127.		3
36	WISP1, a Pro-mitogenic, Pro-survival Factor, Mediates Tumor Necrosis Factor-Î± (TNF-Î±)-stimulated Cardiac Fibroblast Proliferation but Inhibits TNF-Î±-induced Cardiomyocyte Death. Journal of Biological Chemistry, 2009, 284, 14414-14427.	1.6	102

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37	Reply to: â€œCCL3L1 and HIV/AIDS susceptibilityâ€•and â€œExperimental aspects of copy number variant assays at CCL3L1â€: Nature Medicine, 2009, 15, 1117-1120.	15.2	24
38	Response: Association of Duffy Antigen Genotypes with HIV-AIDS Susceptibility. Cell Host and Microbe, 2009, 5, 418-419.	5.1	19
39	Small-Molecule NOX Inhibitors: ROS-Generating NADPH Oxidases as Therapeutic Targets. Antioxidants and Redox Signaling, 2009, 11, 2535-2552.	2.5	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.	0.6	56
41	Combinatorial content of CCL3L and CCL4L gene copy numbers influence HIV-AIDS susceptibility in Ukrainian children. Aids, 2009, 23, 679-688.	1.0	39
42	Role of Tuberin in Neuronal Degeneration. Neurochemical Research, 2008, 33, 1113-1116.	1.6	10
43	NOX enzymes as novel targets for drug development. Seminars in Immunopathology, 2008, 30, 339-363.	2.8	187
44	CCL3L1-CCR5 genotype influences durability of immune recovery during antiretroviral therapy of HIV-1â€“infected individuals. Nature Medicine, 2008, 14, 413-420.	15.2	118
45	Regulation of NOX1 expression by GATA, HNF-1Î±, and Cdx transcription factors. Free Radical Biology and Medicine, 2008, 44, 430-443.	1.3	31
46	Novel redox-dependent regulation of NOX5 by the tyrosine kinase c-Abl. Free Radical Biology and Medicine, 2008, 44, 868-881.	1.3	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.	1.6	25
48	CCL3L1-CCR5 Genotype Improves the Assessment of AIDS Risk in HIV-1-Infected Individuals. PLoS ONE, 2008, 3, e3165.	1.1	23
49	Role of CCL3L1-CCR5 Genotypes in the Epidemic Spread of HIV-1 and Evaluation of Vaccine Efficacy. PLoS ONE, 2008, 3, e3671.	1.1	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.	1.1	70
51	NAD(P)H Oxidases Regulate HIF-2Î± Protein Expression. Journal of Biological Chemistry, 2007, 282, 8019-8026.	1.6	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.	7.0	152
53	NOX1 NADPH oxidase regulation by the NOXA1 SH3 domain. Free Radical Biology and Medicine, 2007, 43, 384-396.	1.3	20
54	Development of a Synthetic Promoter for Macrophage Gene Therapy. Human Gene Therapy, 2006, 17, 949-959.	1.4	44

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55	Development of a Synthetic Promoter for Macrophage Gene Therapy. Human Gene Therapy, 2006, .	1.4	1
56	The Influence of CCL3L1 Gene-Containing Segmental Duplications on HIV-1/AIDS Susceptibility. Science, 2005, 307, 1434-1440.	6.0	1,040
57	Nuclear factor kappa B activation by NADPH oxidases. Mechanisms of Ageing and Development, 2004, 125, 799-810.	2.2	71
58	Mechanisms of activation of NADPH oxidases. Japanese Journal of Infectious Diseases, 2004, 57, S22-3.	0.5	10
59	Two Novel Proteins Activate Superoxide Generation by the NADPH Oxidase NOX1. Journal of Biological Chemistry, 2003, 278, 3510-3513.	1.6	430
60	Multiple PU.1 sites cooperate in the regulation ofp40phox transcription during granulocytic differentiation of myeloid cells. Blood, 2002, 99, 4578-4587.	0.6	31
61	Regulation of Calreticulin Expression during Induction of Differentiation in Human Myeloid Cells. Journal of Biological Chemistry, 2002, 277, 32369-32378.	1.6	19
62	Global survey of genetic variation in CCR5, RANTES, and MIP-1Â: 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.	3.3	225
63	Transcriptional Regulation of the p67 Gene. Journal of Biological Chemistry, 2001, 276, 39368-39378.	1.6	26
64	Role of redox-regulated transcription factors in inflammation, aging and age-related diseases. Experimental Gerontology, 2000, 35, 521-532.	1.2	275
65	Calreticulin Modulates Capacitative Ca2+ Influx by Controlling the Extent of Inositol 1,4,5-Trisphosphate-induced Ca2+ Store Depletion. Journal of Biological Chemistry, 2000, 275, 36676-36682.	1.6	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.	1.6	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.	3.3	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.	15.2	329
70	Infected Cardiac Myxoma: Case Report and Literature Review. Medicine (United States), 1998, 77, 337-344.	0.4	57
71	PU.1 Is Essential for p47 Promoter Activity in Myeloid Cells. Journal of Biological Chemistry, 1997, 272, 17802-17809.	1.6	67
72	Calreticulin Biosynthesis and Processing in Human Myeloid Cells: Demonstration of Signal Peptide Cleavage and N-Glycosylation. Blood, 1997, 90, 372-381.	0.6	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.	0.6	12
74	A Domain of p47phox That Interacts with Human Neutrophil Flavocytochrome b558. Journal of Biological Chemistry, 1995, 270, 26246-26251.	1.6	93
75	Calreticulin Functions as a Molecular Chaperone in the Biosynthesis of Myeloperoxidase. Journal of Biological Chemistry, 1995, 270, 4741-4747.	1.6	229
76	Redistribution of intracellular Ca2+ stores during phagocytosis in human neutrophils. Science, 1994, 265, 1439-1441.	6.0	141
77	Cloning of a 67-kD neutrophil oxidase factor with similarity to a noncatalytic region of p60c-src. Science, 1990, 248, 727-730.	6.0	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.	1.0	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.	13.9	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.	3.3	322
81	Two cytosolic neutrophil oxidase components absent in autosomal chronic granulomatous disease. Science, 1988, 242, 1295-1297.	6.0	392
82	Chemotactic Factor Inactivation by the Myeloperoxidase-Hydrogen Peroxide-Halide System. Journal of Clinical Investigation, 1979, 64, 913-920.	3.9	144