Daniel A Muruve

List of Publications by Year
in descending order

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61 papers	7,478 citations	159585 30 h-index	133252 59 g-index
62 all docs	62 docs citations	62 times ranked	10205 citing authors

#	Article	IF	Citations
1	Dipeptidase-1 governs renal inflammation during ischemia reperfusion injury. Science Advances, 2022, 8, eabm0142.	10.3	28
2	Dexamethasone sensitizes to ferroptosis by glucocorticoid receptorâ€“induced dipeptidase-1 expression and glutathione depletion. Science Advances, 2022, 8, eabl8920.	10.3	39
3	Postâ€mortem molecular investigations of SARSâ€CoVâ€2 in an unexpected death of a recent kidney transplant recipient. American Journal of Transplantation, 2021, 21, 2590-2595.	4.7	4
4	How Semantics Connotations May Influence Concerns About Donation of Biospecimens. Biopreservation and Biobanking, 2021, 19, 156-162.	1.0	0
5	SARS-CoV-2 Shedding in Dialysis Patients With COVID-19. Kidney International Reports, 2021, 6, 2897-2899.	0.8	3
6	Tissue-selective alternate promoters guide NLRP6 expression. Life Science Alliance, 2021, 4, e202000897.	2.8	1
7	AIM2 Suppresses Inflammation and Epithelial Cell Proliferation during Glomerulonephritis. Journal of Immunology, 2021, 207, 2799-2812.	0.8	10
8	Hyperactivity of Innate Immunity Triggers Pain via TLR2-IL-33-Mediated Neuroimmune Crosstalk. Cell Reports, 2020, 33, 108233.	6.4	29
9	Regulation of pain signaling by the innate immune system. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 2-S24-1.	0.0	0
10	AB569, a nontoxic chemical tandem that kills major human pathogenic bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4921-4930.	7.1	6
11	Detecting Proteomic Indicators to Distinguish Diabetic Nephropathy from Hypertensive Nephrosclerosis by Integrating Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging with High-Mass Accuracy Mass Spectrometry. Kidney and Blood Pressure Research, 2020, 45, 233-248.	2.0	12
12	Dipeptidase-1 Is an Adhesion Receptor for Neutrophil Recruitment in Lungs and Liver. Cell, 2019, 178, 1205-1221.e17.	28.9	80
13	The Pore-Lipid Interface: Role of Amino-Acid Determinants of Lipophilic Access by Ivabradine to the hERG1 Pore Domain. Molecular Pharmacology, 2019, 96, 259-271.	2.3	24
14	The anti-sigma factor MucA of Pseudomonas aeruginosa: Dramatic differences of a mucA22 vs. a Î”mucA mutant in anaerobic acidified nitrite sensitivity of planktonic and biofilm bacteria in vitro and during chronic murine lung infection. PLoS ONE, 2019, 14, e0216401.	2.5	10
15	The role of inflammasomes in kidney disease. Nature Reviews Nephrology, 2019, 15, 501-520.	9.6	196
16	Pregnane X Receptor Activation Triggers Rapid ATP Release in Primed Macrophages That Mediates NLRP3 Inflammasome Activation. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 44-53.	2.5	18
17	A case of aggressive atypical anti-GBM disease complicated by CMV pneumonitis. BMC Nephrology, 2019, 20, 29.	1.8	10
18	NOD-like receptors and inflammasomes: A review of their canonical and non-canonical signaling pathways. Archives of Biochemistry and Biophysics, 2019, 670, 4-14.	3.0	250

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19	Application of immobilized ATP to the study of NLRP inflammasomes. Archives of Biochemistry and Biophysics, 2019, 670, 104-115.	3.0	13
20	Macrophage Uptake of Necrotic Cell DNA Activates the AIM2 Inflammasome to Regulate a Proinflammatory Phenotype in CKD. Journal of the American Society of Nephrology: JASN, 2018, 29, 1165-1181.	6.1	107
21	Anticoagulant Related Nephropathy Induced by Dabigatran. Case Reports in Nephrology, 2018, 2018, 1-7.	0.4	10
22	Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. Cell Reports, 2018, 25, 1525-1536.e7.	6.4	117
23	Trends in Biopsy-Based Diagnosis of Kidney Disease: A Population Study. Canadian Journal of Kidney Health and Disease, 2018, 5, 205435811879969.	1.1	25
24	Sociodemographic associations with abnormal estimated glomerular filtration rate (eGFR) in a large Canadian city: a cross-sectional observation study. BMC Nephrology, 2018, 19, 198.	1.8	8
25	Quantification of Inflammasome Adaptor Protein ASC in Biological Samples by Multiple-Reaction Monitoring Mass Spectrometry. Inflammation, 2018, 41, 1396-1408.	3.8	5
26	Renal immune surveillance and dipeptidase-1 contribute to contrast-induced acute kidney injury. Journal of Clinical Investigation, 2018, 128, 2894-2913.	8.2	74
27	The biobank for the molecular classification of kidney disease: research translation and precision medicine in nephrology. BMC Nephrology, 2017, 18, 252.	1.8	20
28	The NLR Protein NLRP6 Does Not Impact Gut Microbiota Composition. Cell Reports, 2017, 21, 3653-3661.	6.4	79
29	Cyclooxygenase-2 Inhibition Limits Angiotensin II-Induced DNA Oxidation and Protein Nitration in Humans. Frontiers in Physiology, 2017, 8, 138.	2.8	9
30	Exaggerated IL-15 and Altered Expression of foxp3+ Cell-Derived Cytokines Contribute to Enhanced Colitis in Nlrp3âˆ’/âˆ’ Mice. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	1
31	A Putative ABC Transporter Permease Is Necessary for Resistance to Acidified Nitrite and EDTA in Pseudomonas aeruginosa under Aerobic and Anaerobic Planktonic and Biofilm Conditions. Frontiers in Microbiology, 2016, 7, 291.	3.5	21
32	Peptide-based biocoatings for corrosion protection of stainless steel biomaterial in a chloride solution. Materials Science and Engineering C, 2016, 68, 695-700.	7.3	13
33	NLRP3 Localizes to the Tubular Epithelium in Human Kidney and Correlates With Outcome in IgA Nephropathy. Scientific Reports, 2016, 6, 24667.	3.3	55
34	A survey of patient perspectives on the research use of health information and biospecimens. BMC Medical Ethics, 2016, 17, 48.	2.4	29
35	Mitochondrial NLRP3 Protein Induces Reactive Oxygen Species to Promote Smad Protein Signaling and Fibrosis Independent from the Inflammasome. Journal of Biological Chemistry, 2014, 289, 19571-19584.	3.4	120
36	Inflammasomes in the CNS. Nature Reviews Neuroscience, 2014, 15, 84-97.	10.2	537

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37	Inflammasome-Independent NLRP3 Augments TGF-Î² Signaling in Kidney Epithelium. Journal of Immunology, 2013, 190, 1239-1249.	0.8	202
38	Biochemical and structural aspects of the ATPâ€binding domain in inflammasomeâ€forming human NLRP proteins. IUBMB Life, 2013, 65, 851-862.	3.4	67
39	Calcium oxalate crystals induce renal inflammation by NLRP3-mediated IL-1Î² secretion. Journal of Clinical Investigation, 2013, 123, 236-246.	8.2	364
40	The Inflammasomes in Kidney Disease. Journal of the American Society of Nephrology: JASN, 2011, 22, 1007-1018.	6.1	307
41	NLRP3 inflammasome plays a key role in the regulation of intestinal homeostasis. Inflammatory Bowel Diseases, 2011, 17, 1359-1372.	1.9	366
42	The NLRP3 Inflammasome Promotes Renal Inflammation and Contributes to CKD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1732-1744.	6.1	456
43	Clostridium difficile Toxinâ€“Induced Inflammation and Intestinal Injury Are Mediated by the Inflammasome. Gastroenterology, 2010, 139, 542-552.e3.	1.3	198
44	The innate immune response to DNA. Seminars in Immunology, 2009, 21, 208-214.	5.6	68
45	The inflammasome recognizes cytosolic microbial and host DNA and triggers an innate immune response. Nature, 2008, 452, 103-107.	27.8	838
46	The characterization of Î±5-integrin expression on tubular epithelium during renal injury. American Journal of Physiology - Renal Physiology, 2007, 292, F567-F576.	2.7	41
47	The inflammasome: a danger sensing complex triggering innate immunity. Current Opinion in Immunology, 2007, 19, 615-622.	5.5	640
48	Isolation of neutrophils from mouse liver: A novel method to study effector leukocytes during inflammation. Journal of Immunological Methods, 2006, 312, 68-78.	1.4	19
49	Use of a murine secreted alkaline phosphatase as a non-immunogenic reporter gene in mice. Journal of Gene Medicine, 2005, 7, 307-315.	2.8	23
50	Akt/Protein Kinase B Activation by Adenovirus Vectors Contributes to NFÎºB-Dependent CXCL10 Expression. Journal of Virology, 2005, 79, 14507-14515.	3.4	30
51	Helper-Dependent Adenovirus Vectors Elicit Intact Innate but Attenuated Adaptive Host Immune Responses In Vivo. Journal of Virology, 2004, 78, 5966-5972.	3.4	192
52	The Innate Immune Response to Adenovirus Vectors. Human Gene Therapy, 2004, 15, 1157-1166.	2.7	371
53	The Role of Capsidâ€“Endothelial Interactions in the Innate Immune Response to Adenovirus Vectors. Human Gene Therapy, 2003, 14, 627-643.	2.7	141
54	Adenovirus Vector-Induced Inflammation: Capsid-Dependent Induction of the C-C Chemokine RANTES Requires NF-ÎºB. Human Gene Therapy, 2002, 13, 367-379.	2.7	92

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55	Differential Activation of Innate Immune Responses by Adenovirus and Adeno-Associated Virus Vectors. Journal of Virology, 2002, 76, 4580-4590.	3.4	361
56	Activation of p38 and ERK Signaling during Adenovirus Vector Cell Entry Lead to Expression of the C-X-C Chemokine IP-10. Journal of Virology, 2002, 76, 1559-1568.	3.4	123
57	The role of selectins and integrins in adenovirus vector-induced neutrophil recruitment to the liver. European Journal of Immunology, 2002, 32, 3443-3452.	2.9	36
58	Adenovirus Vector-Induced Expression of the C-X-C Chemokine IP-10 Is Mediated through Capsid-Dependent Activation of NF-ÎºB. Journal of Virology, 2000, 74, 3941-3947.	3.4	134
59	Adenoviral Gene Therapy Leads to Rapid Induction of Multiple Chemokines and Acute Neutrophil-Dependent Hepatic Injury in Vivo. Human Gene Therapy, 1999, 10, 965-976.	2.7	440
60	Renal Effects of Peptic Ulcer Therapy. Drug Safety, 1992, 7, 282-291.	3.2	5
61	Renal Aspects of Peptic Ulcer Pharmacology. Canadian Journal of Gastroenterology & Hepatology, 1992, 6, 29-34.	1.7	0