Alexander R Moise

List of Publications by Year
in descending order

54 papers	2,893 citations	186209 28 h-index	243529 44 g-index
55 all docs	55 docs citations	55 times ranked	3160 citing authors

#	Article	IF	Citations
1	Mechanisms of Feedback Regulation of Vitamin A Metabolism. Nutrients, 2022, 14, 1312.	1.7	18
2	Role of cellular retinolâ€binding protein, type 1 and retinoid homeostasis in the adult mouse heart: A multiâ€omic approach. FASEB Journal, 2022, 36, e22242.	0.2	3
3	Regenerating Skeletal Muscle Compensates for the Impaired Macrophage Functions Leading to Normal Muscle Repair in Retinol Saturase Null Mice. Cells, 2022, 11, 1333.	1.8	3
4	Carotenoid modifying enzymes in metazoans. Methods in Enzymology, 2022, , 405-445.	0.4	3
5	Multi-omic Analysis of Non-human Primate Heart after Partial-body Radiation with Minimal Bone Marrow Sparing. Health Physics, 2021, 121, 352-371.	0.3	8
6	Modulation of retinoid signaling: therapeutic opportunities in organ fibrosis and repair. , 2020, 205, 107415.		23
7	Role of carotenoids and retinoids during heart development. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158636.	1.2	15
8	A retrospective cohort study evaluating correlates of deep tissue infections among patients enrolled in opioid agonist treatment using administrative data in Ontario, Canada. PLoS ONE, 2020, 15, e0232191.	1.1	10
9	Identifying vitamin A signaling by visualizing gene and protein activity, and by quantification of vitamin A metabolites. Methods in Enzymology, 2020, 637, 367-418.	0.4	8
10	Title is missing!. , 2020, 15, e0232191.		0
11	Title is missing!. , 2020, 15, e0232191.		0
12	Title is missing!. , 2020, 15, e0232191.		0
13	Title is missing!. , 2020, 15, e0232191.		0
14	Title is missing!. , 2020, 15, e0232191.		0
15	Title is missing!. , 2020, 15, e0232191.		0
16	Recent insights on the role and regulation of retinoic acid signaling during epicardial development. Genesis, 2019, 57, e23303.	0.8	11
17	Retinol Saturase Knock-Out Mice are Characterized by Impaired Clearance of Apoptotic Cells and Develop Mild Autoimmunity. Biomolecules, 2019, 9, 737.	1.8	9
18	Hippo Signaling Plays an Essential Role in Cell State Transitions during Cardiac Fibroblast Development. Developmental Cell, 2018, 45, 153-169.e6.	3.1	144

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19	Alterations in retinoic acid signaling affect the development of the mouse coronary vasculature. Developmental Dynamics, 2018, 247, 976-991.	0.8	33
20	Development of the Coronary System: Perspectives for Cell Therapy From Precursor Differentiation. , 2018, , 11-22.		0
21	Retinoic acid signaling promotes the cytoskeletal rearrangement of embryonic epicardial cells. FASEB Journal, 2018, 32, 3765-3781.	0.2	28
22	Role of Retinoic Acid Signaling in Epicardialâ€Related Events During Late Heart Development. FASEB Journal, 2018, 32, 518.2.	0.2	0
23	New insights and changing paradigms in the regulation of vitamin A metabolism in development. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e264.	5.9	46
24	Retinol saturase modulates lipid metabolism and the production of reactive oxygen species. Archives of Biochemistry and Biophysics, 2017, 633, 93-102.	1.4	31
25	Hyperglycemia and redox status regulate RUNX2 DNA-binding and an angiogenic phenotype in endothelial cells. Microvascular Research, 2015, 97, 55-64.	1.1	19
26	Signaling through retinoic acid receptors in cardiac development: Doing the right things at the right times. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 94-111.	0.9	60
27	Mechanistic Aspects of Carotenoid Biosynthesis. Chemical Reviews, 2014, 114, 164-193.	23.0	243
28	The retinaldehyde reductase DHRS3 is essential for preventing the formation of excess retinoic acid during embryonic development. FASEB Journal, 2013, 27, 4877-4889.	0.2	98
29	Structure/Function Relationships of Adipose Phospholipase A2 Containing a Cys-His-His Catalytic Triad. Journal of Biological Chemistry, 2012, 287, 35260-35274.	1.6	45
30	Alpha-Synuclein Disrupted Dopamine Homeostasis Leads to Dopaminergic Neuron Degeneration in Caenorhabditis elegans. PLoS ONE, 2010, 5, e9312.	1.1	34
31	ISX is a retinoic acidâ€sensitive gatekeeper that controls intestinal Î²,Î²â€carotene absorption and vitamin A production. FASEB Journal, 2010, 24, 1656-1666.	0.2	205
32	Increased adiposity in the retinol saturaseâ€knockout mouse. FASEB Journal, 2010, 24, 1261-1270.	0.2	45
33	Activation of Retinoic Acid Receptors by Dihydroretinoids. Molecular Pharmacology, 2009, 76, 1228-1237.	1.0	40
34	Stereospecificity of Retinol Saturase:â€‰ Absolute Configuration, Synthesis, and Biological Evaluation of Dihydroretinoids. Journal of the American Chemical Society, 2008, 130, 1154-1155.	6.6	36
35	Combining the Antigen Processing Components TAP and Tapasin Elicits Enhanced Tumor-Free Survival. Clinical Cancer Research, 2008, 14, 1494-1501.	3.2	40
36	Diseases Caused by Defects in the Visual Cycle: Retinoids as Potential Therapeutic Agents. Annual Review of Pharmacology and Toxicology, 2007, 47, 469-512.	4.2	365

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37	Identification of a Novel Immunosubversion Mechanism Mediated by a Virologue of the B-Lymphocyte Receptor TACI. Vaccine Journal, 2007, 14, 907-917.	3.2	7
38	Topology and Membrane Association of Lecithin: Retinol Acyltransferase. Journal of Biological Chemistry, 2007, 282, 2081-2090.	1.6	53
39	Delivery of Retinoid-Based Therapies To Target Tissues. Biochemistry, 2007, 46, 4449-4458.	1.2	79
40	Specificity of Zebrafish Retinol Saturase:â€‰ Formation of All-trans-13,14-dihydroretinol and All-trans-7,8-dihydroretinol. Biochemistry, 2007, 46, 1811-1820.	1.2	40
41	Aberrant Metabolites in Mouse Models of Congenital Blinding Diseases:Â Formation and Storage of Retinyl Estersâ€. Biochemistry, 2006, 45, 4210-4219.	1.2	35
42	Characterizing the Metabolism and Physiological Functions of Dihydroretinoids, Charting a Novel Pathway in the Metabolism of Vitamin A. FASEB Journal, 2006, 20, A996.	0.2	0
43	Pharmacological and rAAV Gene Therapy Rescue of Visual Functions in a Blind Mouse Model of Leber Congenital Amaurosis. PLoS Medicine, 2005, 2, e333.	3.9	120
44	Using the TAP Component of the Antigen-Processing Machinery as a Molecular Adjuvant. PLoS Pathogens, 2005, 1, e36.	2.1	18
45	Positively charged retinoids are potent and selective inhibitors of the trans-cis isomerization in the retinoid (visual) cycle. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8162-8167.	3.3	121
46	Metabolism and Transactivation Activity of 13,14-Dihydroretinoic Acid. Journal of Biological Chemistry, 2005, 280, 27815-27825.	1.6	51
47	Related enzymes solve evolutionarily recurrent problems in the metabolism of carotenoids. Trends in Plant Science, 2005, 10, 178-186.	4.3	145
48	The Adenovirus E3-6.7K Protein Adopts Diverse Membrane Topologies following Posttranslational Translocation. Journal of Virology, 2004, 78, 454-463.	1.5	18
49	Lecithin-retinol Acyltransferase Is Essential for Accumulation of All-trans-Retinyl Esters in the Eye and in the Liver. Journal of Biological Chemistry, 2004, 279, 10422-10432.	1.6	321
50	Identification of All-trans-Retinol:All-trans-13,14-dihydroretinol Saturase. Journal of Biological Chemistry, 2004, 279, 50230-50242.	1.6	89
51	Identification of a Novel Route of Iron Transcytosis across the Mammalian Blood-Brain Barrier. Microcirculation, 2003, 10, 457-462.	1.0	26
52	Retinoid cycle in the vertebrate retina: experimental approaches and mechanisms of isomerization. Vision Research, 2003, 43, 2959-2981.	0.7	63
53	Identification of a Novel Route of Iron Transcytosis across the Mammalian Bloodâ€"Brain Barrier. Microcirculation, 2003, 10, 457-462.	1.0	41
54	Adenovirus E3-6.7K Maintains Calcium Homeostasis and Prevents Apoptosis and Arachidonic Acid Release. Journal of Virology, 2002, 76, 1578-1587.	1.5	43