

Anthony Mukwaya

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

482
citations

687363

13
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective IKK2 inhibitor IMD0354 disrupts NF- κ B signaling to suppress corneal inflammation and angiogenesis. <i>Angiogenesis</i> , 2018, 21, 267-285.	7.2	60
2	Digital Holographic Microscopy for Non-Invasive Monitoring of Cell Cycle Arrest in L929 Cells. <i>PLoS ONE</i> , 2014, 9, e106546.	2.5	44
3	MicroRNAs in the cornea: Role and implications for treatment of corneal neovascularization. <i>Ocular Surface</i> , 2019, 17, 400-411.	4.4	31
4	Time-dependent LXR/RXR pathway modulation characterizes capillary remodeling in inflammatory corneal neovascularization. <i>Angiogenesis</i> , 2018, 21, 395-413.	7.2	27
5	Factors regulating capillary remodeling in a reversible model of inflammatory corneal angiogenesis. <i>Scientific Reports</i> , 2016, 6, 32137.	3.3	27
6	Transcriptome-wide analysis of differentially expressed chemokine receptors, SNPs, and SSRs in the age-related macular degeneration. <i>Human Genomics</i> , 2019, 13, 15.	2.9	26
7	Relapse of pathological angiogenesis: functional role of the basement membrane and potential treatment strategies. <i>Experimental and Molecular Medicine</i> , 2021, 53, 189-201.	7.7	26
8	Revascularization after angiogenesis inhibition favors new sprouting over abandoned vessel reuse. <i>Angiogenesis</i> , 2019, 22, 553-567.	7.2	25
9	Discovery of novel L-type voltage-gated calcium channel blockers and application for the prevention of inflammation and angiogenesis. <i>Journal of Neuroinflammation</i> , 2020, 17, 132.	7.2	25
10	Photoreceptor Degeneration Accompanies Vascular Changes in a Zebrafish Model of Diabetic Retinopathy. , 2020, 61, 43.		22
11	Abnormal neovascular and proliferative conjunctival phenotype in limbal stem cell deficiency is associated with altered microRNA and gene expression modulated by PAX6 mutational status in congenital aniridia. <i>Ocular Surface</i> , 2021, 19, 115-127.	4.4	22
12	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1402-1418.	2.4	20
13	Autoimmune-Mediated Retinopathy in CXCR5-Deficient Mice as the Result of Age-Related Macular Degeneration Associated Proteins Accumulation. <i>Frontiers in Immunology</i> , 2019, 10, 1903.	4.8	17
14	Protective Effects of Oral Astaxanthin Nanopowder against Ultraviolet-Induced Photokeratitis in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	15
15	NF- κ B activation in retinal microglia is involved in the inflammatory and neovascularization signaling in laser-induced choroidal neovascularization in mice. <i>Experimental Cell Research</i> , 2021, 403, 112581.	2.6	14
16	Genome-wide expression differences in anti-Vegf and dexamethasone treatment of inflammatory angiogenesis in the rat cornea. <i>Scientific Reports</i> , 2017, 7, 7616.	3.3	12
17	Repeat Corneal Neovascularization is Characterized by More Aggressive Inflammation and Vessel Invasion Than in the Initial Phase. , 2019, 60, 2990.		12
18	Napier grass stunt disease prevalence, incidence, severity and genetic variability of the associated phytoplasma in Uganda. <i>Crop Protection</i> , 2015, 75, 63-69.	2.1	11

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19	Transcriptome-Wide Analysis of CXCR5 Deficient Retinal Pigment Epithelial (RPE) Cells Reveals Molecular Signatures of RPE Homeostasis. <i>Biomedicines</i> , 2020, 8, 147.	3.2	11
20	A microarray whole-genome gene expression dataset in a rat model of inflammatory corneal angiogenesis. <i>Scientific Data</i> , 2016, 3, 160103.	5.3	8
21	Synergistic interactions of PlGF and VEGF contribute to blood-retinal barrier breakdown through canonical NF- κ B activation. <i>Experimental Cell Research</i> , 2020, 397, 112347.	2.6	8
22	Deficiency of C-X-C chemokine receptor type 5 (CXCR5) gene causes dysfunction of retinal pigment epithelium cells. <i>Laboratory Investigation</i> , 2021, 101, 228-244.	3.7	8
23	RNA-Seq reveals placental growth factor regulates the human retinal endothelial cell barrier integrity by transforming growth factor (TGF- β 2) signaling. <i>Molecular and Cellular Biochemistry</i> , 2020, 475, 93-106.	3.1	5
24	Genome-wide expression datasets of anti-VEGF and dexamethasone treatment of angiogenesis in the rat cornea. <i>Scientific Data</i> , 2017, 4, 170111.	5.3	4
25	Data mining and network analysis reveals C-X-C chemokine receptor type 5 is involved in the pathophysiology of age-related macular degeneration. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10783-10792.	3.5	2
26	Temporal Dynamics of Napier Grass Stunt Disease as Influenced by Napier Grass Clones and Initial Inoculum. <i>American Journal of Experimental Agriculture</i> , 2015, 8, 268-279.	0.2	0