

Qing Deng

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,327
citations

318942

23
h-index

340414

39
g-index

49
all docs

49
docs citations

49
times ranked

3755
citing authors

#	ARTICLE	IF	CITATIONS
1	A curious case of cyclin-dependent kinases in neutrophils. <i>Journal of Leukocyte Biology</i> , 2022, , .	1.5	3
2	Rora Regulates Neutrophil Migration and Activation in Zebrafish. <i>Frontiers in Immunology</i> , 2022, 13, 756034.	2.2	5
3	Chemically-defined generation of human hemogenic endothelium and definitive hematopoietic progenitor cells. <i>Biomaterials</i> , 2022, 285, 121569.	5.7	11
4	Reduced electron transport chain complex I protein abundance and function in Mfn2-deficient myogenic progenitors lead to oxidative stress and mitochondria swelling. <i>FASEB Journal</i> , 2021, 35, e21426.	0.2	15
5	A robust and flexible CRISPR/Cas9-based system for neutrophil-specific gene inactivation in zebrafish. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	8
6	Mitofusin-2 regulates leukocyte adhesion through the maturation of β 2 integrin activation in differentiation. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
7	Mitofusin-2 regulates leukocyte adhesion and β 2 integrin activation. <i>Journal of Leukocyte Biology</i> , 2021, , .	1.5	7
8	Mitofusin 2 regulates neutrophil adhesive migration and the actin cytoskeleton. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	18
9	Editorial: The Function of Phagocytes in Non-Mammals. <i>Frontiers in Immunology</i> , 2020, 11, 628847.	2.2	0
10	Discovery of Small Molecules That Target the Phosphatidylinositol (3,4,5) Trisphosphate (PIP ₃)-Dependent Rac Exchanger 1 (P-Rex1) PIP ₃ -Binding Site and Inhibit P-Rex1-Dependent Functions in Neutrophils. <i>Molecular Pharmacology</i> , 2020, 97, 226-236.	1.0	13
11	Phenotypical microRNA screen reveals a noncanonical role of CDK2 in regulating neutrophil migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18561-18570.	3.3	39
12	Inducible overexpression of zebrafish microRNA-722 suppresses chemotaxis of human neutrophil like cells. <i>Molecular Immunology</i> , 2019, 112, 206-214.	1.0	13
13	miRNA-223 at the crossroads of inflammation and cancer. <i>Cancer Letters</i> , 2019, 451, 136-141.	3.2	66
14	MicroRNA-223 Suppresses the Canonical NF- κ B Pathway in Basal Keratinocytes to Dampen Neutrophilic Inflammation. <i>Cell Reports</i> , 2018, 22, 1810-1823.	2.9	103
15	Neutrophil-specific knockout demonstrates a role for mitochondria in regulating neutrophil motility in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	52
16	nox2/cybb Deficiency Affects Zebrafish Retinotectal Connectivity. <i>Journal of Neuroscience</i> , 2018, 38, 5854-5871.	1.7	20
17	Development and Characterization of an Endotoxemia Model in Zebra Fish. <i>Frontiers in Immunology</i> , 2018, 9, 607.	2.2	22
18	Chemokine Signaling and the Regulation of Bidirectional Leukocyte Migration in Interstitial Tissues. <i>Cell Reports</i> , 2017, 19, 1572-1585.	2.9	103

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19	Overexpression of microRNA-722 fine-tunes neutrophilic inflammation through inhibiting <i>Rac2</i> in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 1323-1332.	1.2	20
20	EsxA membrane-permeabilizing activity plays a key role in mycobacterial cytosolic translocation and virulence: effects of single-residue mutations at glutamine 5. <i>Scientific Reports</i> , 2016, 6, 32618.	1.6	44
21	MicroRNAs in neutrophils: potential next generation therapeutics for inflammatory ailments. <i>Immunological Reviews</i> , 2016, 273, 29-47.	2.8	40
22	Rac2 Functions in Both Neutrophils and Macrophages To Mediate Motility and Host Defense in Larval Zebrafish. <i>Journal of Immunology</i> , 2016, 197, 4780-4790.	0.4	46
23	Abstract A117: CXCR1 is required for neutrophil recruitment to wounds and Kras-transformed cells in zebrafish. , 2016, , .		0
24	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Experimental Medicine</i> , 2015, 212, 649-663.	4.2	73
25	Adenosine signaling promotes hematopoietic stem and progenitor cell emergence. <i>Journal of Cell Biology</i> , 2015, 209, 2092OIA68.	2.3	0
26	Distinct Innate Immune Phagocyte Responses to <i>Aspergillus fumigatus</i> Conidia and Hyphae in Zebrafish Larvae. <i>Eukaryotic Cell</i> , 2014, 13, 1266-1277.	3.4	82
27	Localized bacterial infection induces systemic activation of neutrophils through Cxcr2 signaling in zebrafish. <i>Journal of Leukocyte Biology</i> , 2013, 93, 761-769.	1.5	94
28	Low-Volume Toolbox for the Discovery of Immunosuppressive Fungal Secondary Metabolites. <i>PLoS Pathogens</i> , 2013, 9, e1003289.	2.1	73
29	Leukocyte migration from a fish eye's view. <i>Journal of Cell Science</i> , 2012, 125, 3949-3956.	1.2	47
30	Distinct signalling mechanisms mediate neutrophil attraction to bacterial infection and tissue injury. <i>Cellular Microbiology</i> , 2012, 14, 517-528.	1.1	63
31	Lyn is a redox sensor that mediates leukocyte wound attraction in vivo. <i>Nature</i> , 2011, 480, 109-112.	13.7	388
32	Dual Roles for Rac2 in Neutrophil Motility and Active Retention in Zebrafish Hematopoietic Tissue. <i>Developmental Cell</i> , 2011, 21, 735-745.	3.1	133
33	Differential Regulation of Protrusion and Polarity by PI(3)K during Neutrophil Motility in Live Zebrafish. <i>Developmental Cell</i> , 2011, 21, 384.	3.1	8
34	Differential Regulation of Protrusion and Polarity by PI(3)K during Neutrophil Motility in Live Zebrafish. <i>Developmental Cell</i> , 2010, 18, 226-236.	3.1	338
35	Modulation of Host Cell Endocytosis by the Type III Cytotoxin, <i>Pseudomonas</i> ExoS. <i>Traffic</i> , 2008, 9, 1948-1957.	1.3	33
36	Molecular Mechanisms of the Cytotoxicity of ADP-Ribosylating Toxins. <i>Annual Review of Microbiology</i> , 2008, 62, 271-288.	2.9	161

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37	Multiple WASP-interacting Protein Recognition Motifs Are Required for a Functional Interaction with N-WASP. <i>Journal of Biological Chemistry</i> , 2007, 282, 8446-8453.	1.6	44
38	Intracellular Localization of Type III-delivered <i>Pseudomonas</i> ExoS with Endosome Vesicles. <i>Journal of Biological Chemistry</i> , 2007, 282, 13022-13032.	1.6	28
39	<i>Pseudomonas aeruginosa</i> ExoS ADP-ribosyltransferase inhibits ERM phosphorylation. <i>Cellular Microbiology</i> , 2007, 9, 97-105.	1.1	37
40	Plasma membrane localization affects the RhoGAP specificity of <i>Pseudomonas</i> ExoS. <i>Cellular Microbiology</i> , 2007, 9, 2192-2201.	1.1	21
41	Intracellular Trafficking of <i>Pseudomonas</i> ExoS, a Type III Cytotoxin. <i>Traffic</i> , 2007, 8, 1331-1345.	1.3	16
42	Uncoupling Crk Signal Transduction by <i>Pseudomonas</i> Exoenzyme T. <i>Journal of Biological Chemistry</i> , 2005, 280, 35953-35960.	1.6	34
43	Isolation, Expression Pattern of a Novel Human RAB Gene RAB41 and Characterization of Its Intronless Homolog RAB41P. <i>DNA Sequence</i> , 2003, 14, 431-435.	0.7	4
44	Suppression of NF- κ B Activation in Basal Keratinocytes via Cell Autonomous and Non-Autonomous Functions of MicroRNA A22333. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0