

Kathleen Boesze-Battaglia

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

6,219
citations

331670

21
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

15685
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	The cell biology of the retinal pigment epithelium. <i>Progress in Retinal and Eye Research</i> , 2020, 78, 100846.	15.5	199
3	Autophagy in the eye: Implications for ocular cell health. <i>Experimental Eye Research</i> , 2014, 124, 56-66.	2.6	125
4	Phagocytosis-dependent ketogenesis in retinal pigment epithelium. <i>Journal of Biological Chemistry</i> , 2017, 292, 8038-8047.	3.4	92
5	Bestrophinopathy: An RPE-photoreceptor interface disease. <i>Progress in Retinal and Eye Research</i> , 2017, 58, 70-88.	15.5	85
6	Cholesterol-rich membrane microdomains mediate cell cycle arrest induced by <i>Actinobacillus actinomycetemcomitans</i> cytolethal-distending toxin. <i>Cellular Microbiology</i> , 2006, 8, 823-836.	2.1	73
7	Modulating GLUT1 expression in retinal pigment epithelium decreases glucose levels in the retina: impact on photoreceptors and Müller glial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C121-C133.	4.6	73
8	Cytolethal Distending Toxin-induced Cell Cycle Arrest of Lymphocytes Is Dependent upon Recognition and Binding to Cholesterol. <i>Journal of Biological Chemistry</i> , 2009, 284, 10650-10658.	3.4	72
9	Approaches for detecting lysosomal alkalinization and impaired degradation in fresh and cultured RPE cells: Evidence for a role in retinal degenerations. <i>Experimental Eye Research</i> , 2014, 126, 68-76.	2.6	70
10	The Cytolethal Distending Toxin Contributes to Microbial Virulence and Disease Pathogenesis by Acting As a Tri-Perditious Toxin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 168.	3.9	63
11	The Contribution of Melanoregulin to Microtubule-Associated Protein 1 Light Chain 3 (LC3) Associated Phagocytosis in Retinal Pigment Epithelium. <i>Molecular Neurobiology</i> , 2015, 52, 1135-1151.	4.0	59
12	<i>Aggregatibacter actinomycetemcomitans</i> Cytolethal Distending Toxin Activates the NLRP3 Inflammasome in Human Macrophages, Leading to the Release of Proinflammatory Cytokines. <i>Infection and Immunity</i> , 2015, 83, 1487-1496.	2.2	55
13	Blockade of the PI-3K signalling pathway by the <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin induces macrophages to synthesize and secrete pro-inflammatory cytokines. <i>Cellular Microbiology</i> , 2014, 16, 1391-1404.	2.1	47
14	A soluble peripherin/Rds C-terminal polypeptide promotes membrane fusion and changes conformation upon membrane association. <i>Experimental Eye Research</i> , 2003, 77, 505-514.	2.6	34
15	The Tetraspanin Protein Peripherin-2 Forms a Complex with Melanoregulin, a Putative Membrane Fusion Regulator. <i>Biochemistry</i> , 2007, 46, 1256-1272.	2.5	34
16	The toxicity of the <i>Aggregatibacter actinomycetemcomitans</i> cytolethal distending toxin correlates with its phosphatidylinositol-3,4,5-triphosphate phosphatase activity. <i>Cellular Microbiology</i> , 2016, 18, 223-243.	2.1	34
17	Microtubule-Associated Protein 1 Light Chain 3B, (LC3B) Is Necessary to Maintain Lipid-Mediated Homeostasis in the Retinal Pigment Epithelium. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 351.	3.7	34
18	A Journey of Cytolethal Distending Toxins through Cell Membranes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 81.	3.9	32

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19	Stimulation of TLR3 triggers release of lysosomal ATP in astrocytes and epithelial cells that requires TRPML1 channels. <i>Scientific Reports</i> , 2018, 8, 5726.	3.3	31
20	Alteration of retinal rod outer segment membrane fluidity in a rat model of Smith-Lemli-Opitz syndrome. <i>Journal of Lipid Research</i> , 2008, 49, 1488-1499.	4.2	24
21	Matrix Metalloproteinase 13 from Satellite Cells is Required for Efficient Muscle Growth and Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 333-353.	1.6	24
22	Differential Regulation of Mas-Related G Protein-Coupled Receptor X2-Mediated Mast Cell Degranulation by Antimicrobial Host Defense Peptides and <i>Porphyromonas gingivalis</i> Lipopolysaccharide. <i>Infection and Immunity</i> , 2017, 85, .	2.2	21
23	The <i>Aggregatibacter actinomycetemcomitans</i> Cytolethal Distending Toxin Active Subunit CdtB Contains a Cholesterol Recognition Sequence Required for Toxin Binding and Subunit Internalization. <i>Infection and Immunity</i> , 2015, 83, 4042-4055.	2.2	20
24	Isolation of Membrane Rafts and Signaling Complexes. , 2006, 332, 167-180.		19
25	AMPK modulation ameliorates dominant disease phenotypes of CTRP5 variant in retinal degeneration. <i>Communications Biology</i> , 2021, 4, 1360.	4.4	19
26	Microtubule-Associated Protein 1 Light Chain 3 (LC3) Isoforms in RPE and Retina. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 609-616.	1.6	18
27	Internalization of the Active Subunit of the <i>Aggregatibacter actinomycetemcomitans</i> Cytolethal Distending Toxin Is Dependent upon Cellugyrin (Synaptogyrin 2), a Host Cell Non-Neuronal Paralog of the Synaptic Vesicle Protein, Synaptogyrin 1. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 469.	3.9	16
28	Internalization and Intoxication of Human Macrophages by the Active Subunit of the <i>Aggregatibacter actinomycetemcomitans</i> Cytolethal Distending Toxin Is Dependent Upon Cellugyrin (Synaptogyrin-2). <i>Frontiers in Immunology</i> , 2020, 11, 1262.	4.8	15
29	Peroxisome turnover and diurnal modulation of antioxidant activity in retinal pigment epithelia utilizes microtubule-associated protein 1 light chain 3B (LC3B). <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1194-C1204.	4.6	14
30	<i>Aggregatibacter actinomycetemcomitans</i> leukotoxin causes activation of lymphocyte function-associated antigen 1. <i>Cellular Microbiology</i> , 2019, 21, e12967.	2.1	13
31	The Cell-Cycle Regulatory Protein p21CIP1/WAF1 Is Required for Cytolethal Distending Toxin (Cdt)-Induced Apoptosis. <i>Pathogens</i> , 2020, 9, 38.	2.8	13
32	Cytolethal distending toxin-induced release of interleukin-1 β by human macrophages is dependent upon activation of glycogen synthase kinase 3 β , spleen tyrosine kinase (Syk) and the noncanonical inflammasome. <i>Cellular Microbiology</i> , 2020, 22, e13194.	2.1	13
33	ROM-1 potentiates photoreceptor specific membrane fusion processes. <i>Experimental Eye Research</i> , 2007, 84, 22-31.	2.6	12
34	Enhanced basal autophagy supports ameloblastoma-derived cell survival and reactivation. <i>Archives of Oral Biology</i> , 2019, 98, 61-67.	1.8	10
35	Loss of melanoregulin (MREG) enhances cathepsin-D secretion by the retinal pigment epithelium. <i>Visual Neuroscience</i> , 2013, 30, 55-64.	1.0	9
36	The Active Subunit of the Cytolethal Distending Toxin, CdtB, Derived From Both <i>Haemophilus ducreyi</i> and <i>Campylobacter jejuni</i> Exhibits Potent Phosphatidylinositol-3,4,5-Triphosphate Phosphatase Activity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 664221.	3.9	9

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37	Membrane localization of the Repeats-in-Toxin (RTX) Leukotoxin (LtxA) produced by <i>Aggregatibacter actinomycetemcomitans</i> . PLoS ONE, 2018, 13, e0205871.	2.5	8
38	Assessment of a Small Molecule Synthetic Lignan in Enhancing Oxidative Balance and Decreasing Lipid Accumulation in Human Retinal Pigment Epithelia. International Journal of Molecular Sciences, 2021, 22, 5764.	4.1	7
39	<i>Aggregatibacter actinomycetemcomitans</i> LtxA Hijacks Endocytic Trafficking Pathways in Human Lymphocytes. Pathogens, 2020, 9, 74.	2.8	6
40	Hypoxia enhances basal autophagy of epithelial-derived ameloblastoma cells. Oral Diseases, 2022, 28, 2175-2184.	3.0	5
41	Underdeveloped RPE Apical Domain Underlies Lesion Formation in Canine Bestrophinopathies. Advances in Experimental Medicine and Biology, 2018, 1074, 309-315.	1.6	5
42	Trends in Susceptibility to Aggressive Periodontal Disease. International Journal of Dentistry and Oral Health, 2016, 2, .	0.1	5
43	Membrane Association and Destabilization by <i>Aggregatibacter actinomycetemcomitans</i> Leukotoxin Requires Changes in Secondary Structures. Molecular Oral Microbiology, 2013, , n/a-n/a.	2.7	1
44	Stimulus Dependent Redistribution of Membrane Raft Cholesterol in Human Platelets. Macromolecular Symposia, 2005, 219, 59-72.	0.7	0
45	Tribute: Edward "Ned" Lally. Molecular Oral Microbiology, 2019, 34, 235-236.	2.7	0
46	Oral and Maxillofacial Surgery Social Media Boom: Potential Concerns of Social Media Use for the Surgeon. Journal of Oral and Maxillofacial Surgery, 2021, 79, 2396-2397.	1.2	0
47	High resolution structural studies on peripherin, an integral membrane protein. FASEB Journal, 2006, 20, A520.	0.5	0
48	Calcium dependent association of calmodulin with the C-terminal domain of the tetraspanin protein peripherin/rds. FASEB Journal, 2007, 21, A246.	0.5	0