

Rene E Harrison

List of Publications by Year in descending order

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40
papers

3,025
citations

236925

25
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

4403
citing authors

#	ARTICLE	IF	CITATIONS
1	Phagosomes Fuse with Late Endosomes and/or Lysosomes by Extension of Membrane Protrusions along Microtubules: Role of Rab7 and RILP. <i>Molecular and Cellular Biology</i> , 2003, 23, 6494-6506.	2.3	371
2	Phagocytosis by neutrophils. <i>Microbes and Infection</i> , 2003, 5, 1299-1306.	1.9	305
3	Modulation of Rab5 and Rab7 Recruitment to Phagosomes by Phosphatidylinositol 3-Kinase. <i>Molecular and Cellular Biology</i> , 2003, 23, 2501-2514.	2.3	292
4	Quantitative and Dynamic Assessment of the Contribution of the ER to Phagosome Formation. <i>Cell</i> , 2005, 123, 157-170.	28.9	251
5	The Hyaluronan Receptor RHAMM Regulates Extracellular-regulated Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 11342-11348.	3.4	187
6	Salmonella Impairs RILP Recruitment to Rab7 during Maturation of Invasion Vacuoles. <i>Molecular Biology of the Cell</i> , 2004, 15, 3146-3154.	2.1	147
7	Effects of microgravity on osteoclast bone resorption and osteoblast cytoskeletal organization and adhesion. <i>Bone</i> , 2011, 49, 965-974.	2.9	131
8	Dynamic macrophage "probing" is required for the efficient capture of phagocytic targets. <i>Journal of Cell Biology</i> , 2010, 191, 1205-1218.	5.2	124
9	Fc γ 3-receptors Induce Mac-1 (CD11b/CD18) Mobilization and Accumulation in the Phagocytic Cup for Optimal Phagocytosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 45720-45729.	3.4	110
10	Membrane Ruffles Capture C3bi-opsonized Particles in Activated Macrophages. <i>Molecular Biology of the Cell</i> , 2008, 19, 4628-4639.	2.1	98
11	Classically Activated Macrophages Use Stable Microtubules for Matrix Metalloproteinase-9 (MMP-9) Secretion. <i>Journal of Biological Chemistry</i> , 2012, 287, 8468-8483.	3.4	96
12	Acquisition of Hrs, an Essential Component of Phagosomal Maturation, Is Impaired by Mycobacteria. <i>Molecular and Cellular Biology</i> , 2004, 24, 4593-4604.	2.3	90
13	The Chloride Channel ClC-4 Contributes to Endosomal Acidification and Trafficking. <i>Journal of Biological Chemistry</i> , 2003, 278, 29267-29277.	3.4	88
14	RHAMM Promotes Interphase Microtubule Instability and Mitotic Spindle Integrity through MEK1/ERK1/2 Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 26461-26474.	3.4	78
15	Phagocytosis and the microtubule cytoskeleton. <i>Biochemistry and Cell Biology</i> , 2002, 80, 509-515.	2.0	52
16	Modulation of Mac-1 (CD11b/CD18)-Mediated Adhesion by the Leukocyte-Specific Protein 1 Is Key to Its Role in Neutrophil Polarization and Chemotaxis. <i>Journal of Immunology</i> , 2002, 169, 415-423.	0.8	49
17	Microtubules regulate PI-3K activity and recruitment to the phagocytic cup during Fc γ 3 receptor-mediated phagocytosis in nonelicited macrophages. <i>Journal of Leukocyte Biology</i> , 2007, 82, 417-428.	3.3	48
18	Cytoplasmic Linker Protein-170 Enhances Spreading and Phagocytosis in Activated Macrophages by Stabilizing Microtubules. <i>Journal of Immunology</i> , 2007, 179, 3780-3791.	0.8	41

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19	Proteomic Analysis of Microtubule-associated Proteins during Macrophage Activation. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2500-2514.	3.8	41
20	Monocytes from patients with osteoarthritis display increased osteoclastogenesis and bone resorption: The In Vitro Osteoclast Differentiation in Arthritis study. <i>Arthritis and Rheumatism</i> , 2013, 65, 148-158.	6.7	41
21	<i>Chlamydia trachomatis</i> vacuole maturation in infected macrophages. <i>Journal of Leukocyte Biology</i> , 2012, 92, 815-827.	3.3	39
22	Complement Receptor-Mediated Phagocytosis Induces Proinflammatory Cytokine Production in Murine Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 3049.	4.8	39
23	Modulation of Osteoclastogenesis with Macrophage M1- and M2-Inducing Stimuli. <i>PLoS ONE</i> , 2014, 9, e104498.	2.5	38
24	Leukocyte-specific protein 1 targets the ERK/MAP kinase scaffold protein KSR and MEK1 and ERK2 to the actin cytoskeleton. <i>Journal of Cell Science</i> , 2004, 117, 2151-2157.	2.0	37
25	E-cadherin is important for cell differentiation during osteoclastogenesis. <i>Bone</i> , 2016, 86, 106-118.	2.9	36
26	EB1 Levels Are Elevated in Ascorbic Acid (AA)-stimulated Osteoblasts and Mediate Cell-Cell Adhesion-induced Osteoblast Differentiation*. <i>Journal of Biological Chemistry</i> , 2013, 288, 22096-22110.	3.4	24
27	Microbial Phagocytic Receptors and Their Potential Involvement in Cytokine Induction in Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 662063.	4.8	24
28	Kinesin 5B Is Necessary for Delivery of Membrane and Receptors during FcγR-Mediated Phagocytosis. <i>Journal of Immunology</i> , 2011, 186, 816-825.	0.8	22
29	Rab GTPase Mediated Procollagen Trafficking in Ascorbic Acid Stimulated Osteoblasts. <i>PLoS ONE</i> , 2012, 7, e46265.	2.5	18
30	Microbial Killing: Oxidants, Proteases and Ions. <i>Current Biology</i> , 2002, 12, R357-R359.	3.9	17
31	<i>Chlamydia trachomatis</i> Inclusions Induce Asymmetric Cleavage Furrow Formation and Ingression Failure in Host Cells. <i>Molecular and Cellular Biology</i> , 2011, 31, 5011-5022.	2.3	17
32	Down-regulation of Stathmin Is Required for the Phenotypic Changes and Classical Activation of Macrophages. <i>Journal of Biological Chemistry</i> , 2015, 290, 19245-19260.	3.4	16
33	Growth of the Mammalian Golgi Apparatus during Interphase. <i>Molecular and Cellular Biology</i> , 2016, 36, 2344-2359.	2.3	15
34	F-actin flashes on phagosomes mechanically deform contents for efficient digestion in macrophages. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	13
35	Methods for studying MLO-Y4 osteocytes in collagen-hydroxyapatite scaffolds in the rotary cell culture system. <i>Connective Tissue Research</i> , 2021, 62, 436-453.	2.3	11
36	<i>Chlamydia trachomatis</i> Inclusion Disrupts Host Cell Cytokinesis to Enhance Its Growth in Multinuclear Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 132-143.	2.6	10

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37	Terminally differentiated osteoclasts organize centrosomes into large clusters for microtubule nucleation and bone resorption. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE22030098.	2.1	4
38	Binding and uptake of single and dual-antigen-coated targets by macrophages. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 183-199.	2.6	3
39	Phagocytosis. <i>Colloquium Series on Building Blocks of the Cell Cell Structure and Function</i> , 2013, 1, 1-105.	0.5	2
40	A tent pole twist on membrane ruffles. <i>Journal of Cell Biology</i> , 2018, 217, 3774-3775.	5.2	0