

Patrick M Munro

List of Publications by Year in descending order

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33
papers

1,145
citations

394421

19
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1552
citing authors

#	ARTICLE	IF	CITATIONS
1	The E3 Ubiquitin-Ligase HACE1 Catalyzes the Ubiquitylation of Active Rac1. <i>Developmental Cell</i> , 2011, 21, 959-965.	7.0	149
2	Activation and Proteasomal Degradation of Rho GTPases by Cytotoxic Necrotizing Factor-1 Elicits a Controlled Inflammatory Response. <i>Journal of Biological Chemistry</i> , 2004, 279, 35849-35857.	3.4	74
3	Induction of transient macroapertures in endothelial cells through RhoA inhibition by <i>Staphylococcus aureus</i> factors. <i>Journal of Cell Biology</i> , 2006, 173, 809-819.	5.2	74
4	cAMP Signaling by Anthrax Edema Toxin Induces Transendothelial Cell Tunnels, which Are Resealed by MIM via Arp2/3-Driven Actin Polymerization. <i>Cell Host and Microbe</i> , 2011, 10, 464-474.	11.0	62
5	Luciferase-Expressing <i>Leishmania infantum</i> Allows the Monitoring of Amastigote Population Size, In Vivo, Ex Vivo and In Vitro. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1323.	3.0	60
6	Toxins from anaerobic bacteria: specificity and molecular mechanisms of action. <i>Current Opinion in Microbiology</i> , 1998, 1, 66-74.	5.1	59
7	High Sensitivity of Mouse Neuronal Cells to Tetanus Toxin Requires a GPI-Anchored Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 623-629.	2.1	56
8	Influence of salts and sodium chloride on the recovery of <i>Escherichia coli</i> from seawater. <i>Current Microbiology</i> , 1987, 15, 5-10.	2.2	54
9	<i>Escherichia coli</i> α -Hemolysin Counteracts the Anti-Virulence Innate Immune Response Triggered by the Rho GTPase Activating Toxin CNF1 during Bacteremia. <i>PLoS Pathogens</i> , 2015, 11, e1004732.	4.7	51
10	Influence of prior growth conditions on low nutrient response of <i>Escherichia coli</i> in seawater. <i>Canadian Journal of Microbiology</i> , 1989, 35, 379-383.	1.7	46
11	<i>Escherichia coli</i> Rho GTPase-activating toxin CNF1 mediates NLRP3 inflammasome activation via p21-activated kinases-1/2 during bacteraemia in mice. <i>Nature Microbiology</i> , 2021, 6, 401-412.	13.3	46
12	The <i>Staphylococcus aureus</i> Epidermal Cell Differentiation Inhibitor Toxin Promotes Formation of Infection Foci in a Mouse Model of Bacteremia. <i>Infection and Immunity</i> , 2010, 78, 3404-3411.	2.2	42
13	Modification of <i>Salmonella Typhimurium</i> Motility by the Probiotic Yeast Strain <i>Saccharomyces boulardii</i> . <i>PLoS ONE</i> , 2012, 7, e33796.	2.5	40
14	<i>Saccharomyces boulardii</i> Modifies <i>Salmonella Typhimurium</i> Traffic and Host Immune Responses along the Intestinal Tract. <i>PLoS ONE</i> , 2014, 9, e103069.	2.5	36
15	Injection of <i>Staphylococcus aureus</i> EDIN by the <i>Bacillus anthracis</i> Protective Antigen Machinery Induces Vascular Permeability. <i>Infection and Immunity</i> , 2009, 77, 3596-3601.	2.2	34
16	Bacteria and the ubiquitin pathway. <i>Current Opinion in Microbiology</i> , 2007, 10, 39-46.	5.1	32
17	<i>Pseudomonas aeruginosa</i> Exolysin promotes bacterial growth in lungs, alveolar damage and bacterial dissemination. <i>Scientific Reports</i> , 2017, 7, 2120.	3.3	28
18	Fate of <i>Vibrio cholerae</i> O1 in seawater microcosms. <i>Water Research</i> , 1996, 30, 47-50.	11.3	26

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19	Cherubism allele heterozygosity amplifies microbe-induced inflammatory responses in murine macrophages. <i>Journal of Clinical Investigation</i> , 2015, 125, 1396-1400.	8.2	24
20	The Rho GTPase activators CNF1 and DNT bacterial toxins have mucosal adjuvant properties. <i>Vaccine</i> , 2005, 23, 2551-2556.	3.8	19
21	Specificity of immunomodulator secretion in urinary samples in response to infection by alpha-hemolysin and CNF1 bearing uropathogenic <i>Escherichia coli</i> . <i>Cytokine</i> , 2007, 37, 22-25.	3.2	19
22	EDIN-B Promotes the Translocation of <i>Staphylococcus aureus</i> to the Bloodstream in the Course of Pneumonia. <i>Toxins</i> , 2015, 7, 4131-4142.	3.4	19
23	Diet Supplementation in 3 Polyunsaturated Fatty Acid Favors an Anti-Inflammatory Basal Environment in Mouse Adipose Tissue. <i>Nutrients</i> , 2019, 11, 438.	4.1	18
24	High prevalence of edin-C encoding RhoA-targeting toxin in clinical isolates of <i>Staphylococcus aureus</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 965-972.	2.9	16
25	Intranasal immunization with tetanus toxoid and CNF1 as a new mucosal adjuvant protects BALB/c mice against lethal challenge. <i>Vaccine</i> , 2007, 25, 8702-8706.	3.8	15
26	Modification de la structure des enveloppes et du contenu en protéines d' <i>Escherichia coli</i> en survie dans l'eau de mer. <i>Canadian Journal of Microbiology</i> , 1989, 35, 843-849.	1.7	13
27	Immunoadjuvant Properties of the Rho Activating Factor CNF1 in Prophylactic and Curative Vaccination against <i>Leishmania infantum</i> . <i>PLoS ONE</i> , 2016, 11, e0156363.	2.5	9
28	The loss of culturability by <i>Escherichia coli</i> cells in seawater depends on availability of phosphate ions and phosphate transport systems. <i>Microbial Ecology</i> , 1993, 26, 29-35.	2.8	7
29	The <i>Saccharomyces boulardii</i> CNCM I-745 Strain Shows Protective Effects against the <i>B. anthracis</i> LT Toxin. <i>Toxins</i> , 2015, 7, 4455-4467.	3.4	7
30	Modulation of the inflammatory response to LPS by the recruitment and activation of brown and white adipocytes in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E912-E922.	3.5	6
31	Induction of transient macroapertures in endothelial cells through RhoA inhibition by <i>Staphylococcus aureus</i> factors. <i>Journal of Experimental Medicine</i> , 2006, 203, i17-i17.	8.5	2
32	Deamidase toxins. , 2015, , 499-514.		1
33	Impact of thermogenesis induced by chronic β 3-adrenergic receptor agonist treatment on inflammatory and infectious response during bacteremia in mice. <i>PLoS ONE</i> , 2021, 16, e0256768.	2.5	1