

Stephanie Bouillot

List of Publications by Year in descending order

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25
papers

885
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	A Type III Secretion Negative Clinical Strain of <i>Pseudomonas aeruginosa</i> Employs a Two-Partner Secreted Exolysin to Induce Hemorrhagic Pneumonia. <i>Cell Host and Microbe</i> , 2014, 15, 164-176.	11.0	92
2	<i>Pseudomonas aeruginosa</i> Pore-Forming Exolysin and Type IV Pili Cooperate To Induce Host Cell Lysis. <i>MBio</i> , 2017, 8, .	4.1	69
3	Structural Basis of Cytotoxicity Mediated by the Type III Secretion Toxin ExoU from <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002637.	4.7	65
4	Phenotype and toxicity of the recently discovered <i>exlA</i> -positive <i>Pseudomonas aeruginosa</i> strains collected worldwide. <i>Environmental Microbiology</i> , 2016, 18, 3425-3439.	3.8	63
5	VE-Cadherin Cleavage by LasB Protease from <i>Pseudomonas aeruginosa</i> Facilitates Type III Secretion System Toxicity in Endothelial Cells. <i>PLoS Pathogens</i> , 2014, 10, e1003939.	4.7	61
6	The human VE-cadherin promoter is subjected to organ-specific regulation and is activated in tumour angiogenesis. <i>Oncogene</i> , 2005, 24, 2992-3001.	5.9	58
7	Protocadherin 12 (VE-cadherin 2) is expressed in endothelial, trophoblast, and mesangial cells. <i>Experimental Cell Research</i> , 2005, 302, 48-60.	2.6	50
8	Fibrillin-1 genetic deficiency leads to pathological ageing of arteries in mice. <i>Journal of Pathology</i> , 2011, 224, 33-44.	4.5	46
9	Functional Consequences of Calcium Influx Promoted by Bacterial Pore-Forming Toxins. <i>Toxins</i> , 2018, 10, 387.	3.4	41
10	<i>Pseudomonas aeruginosa</i> ExlA and <i>Serratia marcescens</i> ShlA trigger cadherin cleavage by promoting calcium influx and ADAM10 activation. <i>PLoS Pathogens</i> , 2017, 13, e1006579.	4.7	40
11	Structural and Functional Characterization of the Type Three Secretion System (T3SS) Needle of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 573.	3.5	37
12	<i>Pseudomonas aeruginosa</i> Transmigrates at Epithelial Cell-Cell Junctions, Exploiting Sites of Cell Division and Senescent Cell Extrusion. <i>PLoS Pathogens</i> , 2016, 12, e1005377.	4.7	35
13	Chronic Treatment with Minoxidil Induces Elastic Fiber Neosynthesis and Functional Improvement in the Aorta of Aged Mice. <i>Rejuvenation Research</i> , 2017, 20, 218-230.	1.8	33
14	Protocadherin 12 deficiency alters morphogenesis and transcriptional profile of the placenta. <i>Physiological Genomics</i> , 2008, 34, 193-204.	2.3	32
15	Protocadherin-12 Cleavage Is a Regulated Process Mediated by ADAM10 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 15195-15204.	3.4	30
16	<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
17	Unraveling the distinct distributions of VE- and N-cadherins in endothelial cells: A key role for p120-catenin. <i>Experimental Cell Research</i> , 2010, 316, 2587-2599.	2.6	23
18	ExsB Is Required for Correct Assembly of the <i>Pseudomonas aeruginosa</i> Type III Secretion Apparatus in the Bacterial Membrane and Full Virulence <i>In Vivo</i> . <i>Infection and Immunity</i> , 2015, 83, 1789-1798.	2.2	21

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19	The bacterial toxin ExoU requires a host trafficking chaperone for transportation and to induce necrosis. <i>Nature Communications</i> , 2021, 12, 4024.	12.8	12
20	Inflammasome activation by <i>Pseudomonas aeruginosa</i> ExlA pore-forming toxin is detrimental for the host. <i>Cellular Microbiology</i> , 2020, 22, e13251.	2.1	11
21	CLIQ-BID: A method to quantify bacteria-induced damage to eukaryotic cells by automated live-imaging of bright nuclei. <i>Scientific Reports</i> , 2018, 8, 5.	3.3	10
22	ACTH depletion represses vascular endothelial-cadherin transcription in mouse adrenal endothelium in vivo. <i>Journal of Molecular Endocrinology</i> , 2005, 34, 127-137.	2.5	8
23	Pharmacological Activation of Rap1 Antagonizes the Endothelial Barrier Disruption Induced by Exotoxins ExoS and ExoT of <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , 2015, 83, 1820-1829.	2.2	8
24	Genomic erosion and horizontal gene transfer shape functional differences of the ExlA toxin in <i>Pseudomonas</i> spp.. <i>IScience</i> , 2022, 25, 104596.	4.1	5
25	ExlA Pore-Forming Toxin: Localization at the Bacterial Membrane, Regulation of Secretion by Cyclic-Di-GMP, and Detection In Vivo. <i>Toxins</i> , 2021, 13, 645.	3.4	2