

# Ian R Peak

## List of Publications by Year in descending order

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28  
papers

678  
citations

623734

14  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

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times ranked

1042  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Genomic Survey of Positive Selection in <i>Burkholderia pseudomallei</i> Provides Insights into the Evolution of Accidental Virulence. <i>PLoS Pathogens</i> , 2010, 6, e1000845.	4.7	116
2	ModM DNA methyltransferase methylome analysis reveals a potential role for <i>Moraxella catarrhalis</i> phasevarions in otitis media. <i>FASEB Journal</i> , 2014, 28, 5197-5207.	0.5	73
3	<i>Burkholderia pseudomallei</i> Penetrates the Brain via Destruction of the Olfactory and Trigeminal Nerves: Implications for the Pathogenesis of Neurological Melioidosis. <i>MBio</i> , 2014, 5, e00025.	4.1	66
4	<i>Burkholderia pseudomallei</i> sequencing identifies genomic clades with distinct recombination, accessory, and epigenetic profiles. <i>Genome Research</i> , 2015, 25, 129-141.	5.5	61
5	Functional implications of the expression of PilC proteins in meningococci. <i>Molecular Microbiology</i> , 1995, 16, 1087-1097.	2.5	42
6	The bacterial gene <i>IfpA</i> influences the potent induction of calcitonin receptor and osteoclast-related genes in <i>Burkholderia pseudomallei</i> -induced TRAP-positive multinucleated giant cells. <i>Cellular Microbiology</i> , 2007, 9, 514-531.	2.1	40
7	Effect of GPR84 deletion on obesity and diabetes development in mice fed long chain or medium chain fatty acid rich diets. <i>European Journal of Nutrition</i> , 2018, 57, 1737-1746.	3.9	40
8	Temperature-Regulated Microcolony Formation by <i>Burkholderia pseudomallei</i> Requires <i>pilA</i> and Enhances Association with Cultured Human Cells. <i>Infection and Immunity</i> , 2006, 74, 5374-5381.	2.2	36
9	<i>Neisseria meningitidis</i> Lacking the Major Porins <i>PorA</i> and <i>PorB</i> Is Viable and Modulates Apoptosis and the Oxidative Burst of Neutrophils. <i>Journal of Proteome Research</i> , 2016, 15, 2356-2365.	3.7	24
10	Towards understanding the functional role of the glycosyltransferases involved in the biosynthesis of <i>Moraxella catarrhalis</i> lipooligosaccharide. <i>FEBS Journal</i> , 2007, 274, 2024-2037.	4.7	20
11	Role of <i>Neisseria meningitidis</i> <i>PorA</i> and <i>PorB</i> Expression in Antimicrobial Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 614-616.	3.2	19
12	Quorum Sensing Negatively Regulates Multinucleate Cell Formation during Intracellular Growth of <i>Burkholderia pseudomallei</i> in Macrophage-Like Cells. <i>PLoS ONE</i> , 2013, 8, e63394.	2.5	18
13	Identification of a capsular polysaccharide from <i>Moraxella bovis</i> . <i>Carbohydrate Research</i> , 2005, 340, 765-769.	2.3	15
14	Identification of a novel glycosyltransferase involved in LOS biosynthesis of <i>Moraxella catarrhalis</i> . <i>Carbohydrate Research</i> , 2006, 341, 2600-2606.	2.3	15
15	<i>Moraxella catarrhalis</i> Restriction-Modification Systems are Associated with Phylogenetic Lineage and Disease. <i>Genome Biology and Evolution</i> , 2018, 10, 2932-2946.	2.5	15
16	An Unusual Carbohydrate Conformation is Evident in <i>Moraxella catarrhalis</i> Oligosaccharides. <i>Molecules</i> , 2015, 20, 14234-14253.	3.8	10
17	Analysis of MCQ and distractor use in a large first year Health Faculty Foundation Program: assessing the effects of changing from five to four options. <i>BMC Medical Education</i> , 2018, 18, 252.	2.4	9
18	Interaction of <i>Burkholderia pseudomallei</i> and <i>Burkholderia thailandensis</i> with human monocyte-derived dendritic cells. <i>Journal of Medical Microbiology</i> , 2012, 61, 607-614.	1.8	8

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19	Evaluation of Truncated NhhA Protein as a Candidate Meningococcal Vaccine Antigen. PLoS ONE, 2013, 8, e72003.	2.5	8
20	Elucidation of the structure of the oligosaccharide from wild type Moraxella bovis Epp63 lipooligosaccharide. Carbohydrate Research, 2014, 388, 81-86.	2.3	8
21	Biochemical analysis of Lgt3, a glycosyltransferase of the bacterium Moraxella catarrhalis. Biochemical and Biophysical Research Communications, 2010, 393, 609-613.	2.1	7
22	The role of lipooligosaccharide in the biological activity of Moraxella bovis strains Epp63, Mb25 and L183/2, and isolation of capsular polysaccharide from L183/2. Carbohydrate Research, 2018, 467, 1-7.	2.3	7
23	Moraxella catarrhalis phase-variable loci show differences in expression during conditions relevant to disease. PLoS ONE, 2020, 15, e0234306.	2.5	5
24	Synthesis of a novel pentasaccharide core component from the lipooligosaccharide of Moraxella catarrhalis. Carbohydrate Research, 2011, 346, 2805-2811.	2.3	4
25	Identification and characterisation of a biosynthetic locus for Moraxella bovis lipo-oligosaccharide. Carbohydrate Research, 2016, 421, 9-16.	2.3	4
26	Immunological characterisation of truncated lipooligosaccharide-outer membrane protein based conjugate vaccine against Moraxella catarrhalis and nontypeable Haemophilus influenzae. Vaccine, 2020, 38, 309-317.	3.8	3
27	Structural characterisation of the oligosaccharide from Moraxella bovoculi type strain 237 (ATCC Tj ETQq1 1 0.784314 rgBT <sub>3</sub> /Overloc	2.3	3
28	Moraxella catarrhalis Lgt2, a galactosyltransferase with broad acceptor substrate specificity. Carbohydrate Research, 2010, 345, 2151-2156.	2.3	2