

# Chong Lek Koh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

2,222  
citations

21  
h-index

42  
g-index

42  
ext. papers

2,591  
ext. citations

6.5  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
42	Multi-platform discovery of haplotype-resolved structural variation in human genomes. <i>Nature Communications</i> , <b>2019</b> , 10, 1784	17.4	346
41	Route to design highly efficient thermal rectifiers from microstructured cellular biomorphic materials. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 13955-13965	4.3	0
40	Unravelling the genome of long chain N-acylhomoserine lactone-producing <i>Acinetobacter</i> sp. strain GG2 and identification of its quorum sensing synthase gene. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 240	5.7	14
39	<i>Pseudomonas cremoricolorata</i> strain ND07 produces N-acyl homoserine lactones as quorum sensing molecules. <i>Sensors</i> , <b>2014</b> , 14, 11595-604	3.8	4
38	Degradation of bacterial quorum sensing signaling molecules by the microscopic yeast <i>Trichosporon loubieri</i> isolated from tropical wetland waters. <i>Sensors</i> , <b>2013</b> , 13, 12943-57	3.8	22
37	Plant-derived natural products as sources of anti-quorum sensing compounds. <i>Sensors</i> , <b>2013</b> , 13, 6217-28.8	3.8	167
36	Short chain N-acyl homoserine lactone production by soil isolate <i>Burkholderia</i> sp. strain A9. <i>Sensors</i> , <b>2013</b> , 13, 13217-27	3.8	32
35	Coexistence of quorum-quenching and quorum-sensing in tropical marine <i>Pseudomonas aeruginosa</i> strain MW3A. <i>World Journal of Microbiology and Biotechnology</i> , <b>2012</b> , 28, 453-61	4.4	32
34	A complex multilevel attack on <i>Pseudomonas aeruginosa</i> algT/U expression and algT/U activity results in the loss of alginate production. <i>Gene</i> , <b>2012</b> , 498, 242-53	3.8	25
33	Quorum quenching <i>Bacillus sonorensis</i> isolated from soya sauce fermentation brine. <i>Sensors</i> , <b>2012</b> , 12, 4065-73	3.8	24
32	Unusual long-chain N-acyl homoserine lactone production by and presence of quorum quenching activity in bacterial isolates from diseased tilapia fish. <i>PLoS ONE</i> , <b>2012</b> , 7, e44034	3.7	13
31	Quorum quenching revisited--from signal decays to signalling confusion. <i>Sensors</i> , <b>2012</b> , 12, 4661-96	3.8	119
30	Characterization of quorum sensing and quorum quenching soil bacteria isolated from Malaysian tropical montane forest. <i>Sensors</i> , <b>2012</b> , 12, 4846-59	3.8	52
29	N-acyl homoserine lactone production by <i>Klebsiella pneumoniae</i> isolated from human tongue surface. <i>Sensors</i> , <b>2012</b> , 12, 3472-83	3.8	43
28	Complete genome sequence of <i>Burkholderia</i> sp. Strain GG4, a betaproteobacterium that reduces 3-oxo-N-acylhomoserine lactones and produces different N-acylhomoserine lactones. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6317	3.5	14
27	Whole-genome sequence of N-acylhomoserine lactone-synthesizing and -degrading <i>Acinetobacter</i> sp. strain GG2. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6318	3.5	6
26	Malabaricone C from <i>Myristica cinnamomea</i> exhibits anti-quorum sensing activity. <i>Journal of Natural Products</i> , <b>2011</b> , 74, 2261-4	4.9	117

25	Characterization of N-acylhomoserine lactone-degrading bacteria associated with the Zingiber officinale (ginger) rhizosphere: co-existence of quorum quenching and quorum sensing in Acinetobacter and Burkholderia. <i>BMC Microbiology</i> , <b>2011</b> , 11, 51	4.5	152
24	Phenotype and TCR-gamma gene rearrangements in a Malaysian cohort of T-cell leukaemia/lymphoma cases. <i>Hematology</i> , <b>2010</b> , 15, 382-90	2.2	1
23	Rapid degradation of N-3-oxo-acylhomoserine lactones by a Bacillus cereus isolate from Malaysian rainforest soil. <i>Antonie Van Leeuwenhoek</i> , <b>2010</b> , 98, 299-305	2.1	34
22	A novel medium for the isolation of N-acylhomoserine lactone-degrading bacteria. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2009</b> , 36, 247-51	4.2	56
21	Spatial structure and genetic diversity of three tropical tree species with different habitat preferences within a natural forest. <i>Tree Genetics and Genomes</i> , <b>2006</b> , 2, 121-131	2.1	26
20	Pseudomonas aeruginosa AmpR is a global transcriptional factor that regulates expression of AmpC and PoxB beta-lactamases, proteases, quorum sensing, and other virulence factors. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 4567-75	5.9	121
19	Inference from the relationships between linkage disequilibrium and allele frequency distributions of 240 candidate SNPs in 109 drug-related genes in four Asian populations. <i>Journal of Human Genetics</i> , <b>2004</b> , 49, 558-572	4.3	7
18	Spatial structure and genetic diversity of two tropical tree species with contrasting breeding systems and different ploidy levels. <i>Molecular Ecology</i> , <b>2004</b> , 13, 657-69	5.7	60
17	Mapping of domains responsible for nucleocapsid protein-phosphoprotein interaction of Henipaviruses. <i>Journal of General Virology</i> , <b>2004</b> , 85, 1675-1684	4.9	46
16	Isolation of Nipah virus from Malaysian Island flying-foxes. <i>Microbes and Infection</i> , <b>2002</b> , 4, 145-51	9.3	423
15	Complete nucleotide sequences of Nipah virus isolates from Malaysia. <i>Journal of General Virology</i> , <b>2001</b> , 82, 2151-2155	4.9	75
14	Molecular epidemiology of Malaysian dengue 2 viruses isolated over twenty-five years (1968-1993). <i>Research in Virology</i> , <b>1998</b> , 149, 457-64		4
13	Nucleotide and deduced amino acid sequences of genes encoding the structural and nonstructural NS1 proteins of a dengue-2 virus isolated in China. <i>Virus Genes</i> , <b>1994</b> , 8, 71-4	2.3	3
12	HLA-DQ alpha genotype and allele frequencies in Malays, Chinese, and Indians in the Malaysian population. <i>Human Heredity</i> , <b>1994</b> , 44, 150-5	1.1	7
11	Epidemiologic analysis of sporadic Salmonella typhi isolates and those from outbreaks by pulsed-field gel electrophoresis. <i>Journal of Clinical Microbiology</i> , <b>1994</b> , 32, 1135-41	9.7	95
10	Release of prostaglandin E2 by human mononuclear cells exposed to heat-killed Salmonella typhi. <i>Microbiology and Immunology</i> , <b>1993</b> , 37, 667-70	2.7	3
9	Genetic variation among Malaysian isolates of Salmonella typhi as detected by ribosomal RNA gene restriction patterns. <i>Microbiology and Immunology</i> , <b>1992</b> , 36, 539-43	2.7	20
8	Plasmid incidence rate and conjugative chloramphenicol and tetracycline resistance plasmids in Malaysian isolates of Salmonella typhi. <i>Microbiology and Immunology</i> , <b>1991</b> , 35, 157-61	2.7	10

7	Nucleotide sequences of the nonstructural protein NS1 gene of three dengue-2 viruses, M1, M2 and M3, isolated in Malaysia from patients with dengue haemorrhagic fever, dengue shock syndrome and dengue fever, respectively. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 1642	20.1	9
6	Nucleotide and encoded amino acid sequences of the capsid protein gene of three dengue-2 viruses isolated in Malaysia from patients with dengue haemorrhagic fever, dengue shock syndrome or dengue fever. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 1904	20.1	4
5	Nucleotide and encoded amino acid sequences of the membrane protein precursor and the membrane protein genes of three dengue-2 viruses isolated in Malaysia from patients with dengue haemorrhagic fever, dengue shock syndrome or dengue fever. <i>Nucleic Acids Research</i> , <b>1990</b> , 18, 1905	20.1	4
4	Nucleotide sequence of the envelope protein gene of a Malaysian dengue-2 virus isolated from a patient with dengue shock syndrome. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 8888	20.1	9
3	Nucleotide sequence of the envelope protein gene of a Malaysian dengue-2 virus isolated from a patient with dengue fever. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 8887	20.1	9
2	Nucleotide sequence of the envelope protein gene of a Malaysian dengue-2 virus isolated from a patient with dengue haemorrhagic fever. <i>Nucleic Acids Research</i> , <b>1989</b> , 17, 8875	20.1	9
1	Antibiotic resistance and conjugative R plasmids in clinical isolates of Enterobacteriaceae in Peninsular Malaysia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>1986</b> , 80, 158-61	2	5