

# Philip Hill

## List of Publications by Year in descending order

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59  
papers

4,586  
citations

172457

29  
h-index

149698

56  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine-Source Quorum Quenching Enzyme YtnP to Improve Hygiene Quality in Dental Units. <i>Marine Drugs</i> , 2021, 19, 225.	4.6	10
2	Gussia Luciferase as a Reporter for Quorum Sensing in <i>Staphylococcus aureus</i> . <i>Sensors</i> , 2020, 20, 4305.	3.8	1
3	Biosynthetic bifunctional enzyme complex with high-efficiency luciferin-recycling to enhance the bioluminescence imaging. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 705-714.	7.5	4
4	Fusion expression of bifunctional enzyme complex for luciferin-recycling to enhance the luminescence imaging. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 66-72.	3.8	4
5	Ultrasound-mediation of self-illuminating reporters improves imaging resolution in optically scattering media. <i>Biomedical Optics Express</i> , 2018, 9, 1664.	2.9	3
6	Ultrasound modulation of bioluminescence generated inside a turbid medium. , 2017, , .		1
7	Improving image reconstruction of bioluminescence imaging using a priori information from ultrasound imaging (Conference Presentation). , 2017, , .		0
8	Reconstructing promoter activity from Lux bioluminescent reporters. <i>PLoS Computational Biology</i> , 2017, 13, e1005731.	3.2	14
9	Hypothalamic over-expression of VGF in the Siberian hamster increases energy expenditure and reduces body weight gain. <i>PLoS ONE</i> , 2017, 12, e0172724.	2.5	17
10	Synthesis, in Vitro Evaluation, and Radiolabeling of Fluorinated Puromycin Analogues: Potential Candidates for PET Imaging of Protein Synthesis. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9422-9430.	6.4	23
11	Thyroid hormone and vitamin D regulate VGF expression and promoter activity. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 123-134.	2.5	12
12	[18F]FDG-6-P as a novel in vivo tool for imaging staphylococcal infections. <i>EJNMMI Research</i> , 2015, 5, 13.	2.5	15
13	The dynamic balance of import and export of zinc in <i>Escherichia coli</i> suggests a heterogeneous population response to stress. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150069.	3.4	19
14	The use of a viral 2A sequence for the simultaneous over-expression of both the vgf gene and enhanced green fluorescent protein (eGFP) in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , 2015, 256, 22-29.	2.5	15
15	Construction of a doxycycline inducible adipogenic lentiviral expression system. <i>Plasmid</i> , 2013, 69, 96-103.	1.4	6
16	Microbial dynamics and flagellate grazing during transition to winter in Lakes Hoare and Bonney, Antarctica. <i>FEMS Microbiology Ecology</i> , 2012, 82, 449-458.	2.7	18
17	Blow fly <i>Lucilia sericata</i> nuclease digests DNA associated with wound slough/eschar and with <i>Pseudomonas aeruginosa</i> biofilm. <i>Medical and Veterinary Entomology</i> , 2012, 26, 432-439.	1.5	56
18	Magnetic Resonance Imaging of Tumors Colonized with Bacterial Ferritin-Expressing <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2011, 6, e25409.	2.5	36

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19	The Filter-Feeding Ciliates Colpidium striatum and Tetrahymena pyriformis Display Selective Feeding Behaviours in the Presence of Mixed, Equally-Sized, Bacterial Prey. Protist, 2010, 161, 577-588.	1.5	38
20	A Bioluminescent Microbial Biosensor for In Vitro Pretreatment Assessment of Cytarabine Efficacy in Leukemia. Clinical Chemistry, 2010, 56, 1862-1870.	3.2	16
21	Myristoylation negative msbB-mutants of probiotic E. coli Nissle 1917 retain tumor specific colonization properties but show less side effects in immunocompetent mice. Bioengineered Bugs, 2010, 1, 139-145.	1.7	13
22	Enterobacterial tumor colonization in mice depends on bacterial metabolism and macrophages but is independent of chemotaxis and motility. International Journal of Medical Microbiology, 2010, 300, 449-456.	3.6	59
23	Development of a novel inducible bioluminescent and antibiotic resistance tagging system and its use to investigate the role of antibiotic production by Pectobacterium carotovorum ssp. carotovorum during potato tuber infection. European Journal of Plant Pathology, 2009, 125, 655-664.	1.7	2
24	EVALUATION OF AN IN VIVO GENE INDUCTION SYSTEM IN INFECTED TUMOR-BEARING MICE. , 2007, , .		0
25	Tumor-specific colonization, tissue distribution, and gene induction by probiotic Escherichia coli Nissle 1917 in live mice. International Journal of Medical Microbiology, 2007, 297, 151-162.	3.6	167
26	Construction and evaluation of multisite recombinatorial (Gateway) cloning vectors for Gram-positive bacteria. BMC Molecular Biology, 2007, 8, 80.	3.0	14
27	A Rapid Assay of Cytosine Arabinoside Uptake and Metabolism by Acute Myeloid Leukaemic Cells Using a Bioluminescent Bacterial Biosensor.. Blood, 2007, 110, 4308-4308.	1.4	1
28	N-Acylhomoserine Lactones Antagonize Virulence Gene Expression and Quorum Sensing in Staphylococcus aureus. Infection and Immunity, 2006, 74, 910-919.	2.2	141
29	Host protein interactions with enteropathogenic Escherichia coli (EPEC): 14-3-3tau binds Tir and has a role in EPEC-induced actin polymerization. Cellular Microbiology, 2006, 8, 55-71.	2.1	27
30	sae is essential for expression of the staphylococcal adhesins Eap and Emp. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	69
31	CONSTRUCTION OF A NOVEL BIOLUMINESCENT BACTERIAL BIOSENSOR FOR REAL-TIME MONITORING OF CYTOTOXIC DRUGS ACTIVITY. , 2005, , .		0
32	USE OF BIOLUMINESCENT SALMONELLA TYPHIMURIUM DT104 TO MONITOR UPTAKE AND INTRACELLULAR SURVIVAL WITHIN A HUMAN CELL-LINE. , 2005, , .		0
33	Demonstration of antifreeze protein activity in Antarctic lake bacteria. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.8	195
34	Real-Time Monitoring of Intracellular Staphylococcus aureus Replication. Journal of Bacteriology, 2004, 186, 1065-1077.	2.2	55
35	Clp ATPases are required for stress tolerance, intracellular replication and biofilm formation in Staphylococcus aureus. Molecular Microbiology, 2004, 54, 1445-1462.	2.5	287
36	Alternative roles of ClpX and ClpP in <i>Staphylococcus aureus</i> stress tolerance and virulence. Molecular Microbiology, 2003, 48, 1565-1578.	2.5	291

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37	Development of a fluorescence in situ hybridization method for cheese using a 16S rRNA probe. <i>Journal of Microbiological Methods</i> , 2003, 52, 267-271.	1.6	42
38	Bacterial Community Structure and Location in Stilton Cheese. <i>Applied and Environmental Microbiology</i> , 2003, 69, 3540-3548.	3.1	242
39	LuxS: its role in central metabolism and the in vitro synthesis of 4-hydroxy-5-methyl-3(2H)-furanone. <i>Microbiology (United Kingdom)</i> , 2002, 148, 909-922.	1.8	314
40	Conservation, Surface Exposure, and In Vivo Expression of the Frp Family of Iron-Regulated Cell Wall Proteins in <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2002, 70, 2399-2407.	2.2	42
41	<i>agr</i> Expression Precedes Escape of Internalized <i>Staphylococcus aureus</i> from the Host Endosome. <i>Infection and Immunity</i> , 2001, 69, 7074-7082.	2.2	162
42	Structure, activity and evolution of the group I thiolactone peptide quorum-sensing system of <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2001, 41, 503-512.	2.5	189
43	Synthesis of Multiple N-Acylhomoserine Lactones is Wide-spread Among the Members of the <i>Burkholderia cepacia</i> Complex. <i>Systematic and Applied Microbiology</i> , 2001, 24, 1-14.	2.8	139
44	Germination-Induced Bioluminescence, a Route To Determine the Inhibitory Effect of a Combination Preservation Treatment on Bacterial Spores. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3735-3742.	3.1	38
45	Molecular Cloning and Analysis of a Putative Siderophore ABC Transporter from <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2000, 68, 6281-6288.	2.2	100
46	Quorum-sensing cross talk: isolation and chemical characterization of cyclic dipeptides from <i>Pseudomonas aeruginosa</i> and other Gram-negative bacteria. <i>Molecular Microbiology</i> , 1999, 33, 1254-1266.	2.5	516
47	Engineering the <i>luxCDABE</i> genes from <i>Photobacterium luminescens</i> to provide a bioluminescent reporter for constitutive and promoter probe plasmids and mini-Tn5 constructs. <i>FEMS Microbiology Letters</i> , 1998, 163, 193-202.	1.8	240
48	Engineering the <i>luxCDABE</i> genes from <i>Photobacterium luminescens</i> to provide a bioluminescent reporter for constitutive and promoter probe plasmids and mini-Tn5 constructs. <i>FEMS Microbiology Letters</i> , 1998, 163, 193-202.	1.8	9
49	Molecular Cloning of a 32-Kilodalton Lipoprotein Component of a Novel Iron-Regulated <i>Staphylococcus epidermidis</i> ABC Transporter. <i>Infection and Immunity</i> , 1998, 66, 3767-3774.	2.2	92
50	SirR, a Novel Iron-Dependent Repressor in <i>Staphylococcus epidermidis</i> . <i>Infection and Immunity</i> , 1998, 66, 4123-4129.	2.2	98
51	Use of <i>lux</i> genes in applied biochemistry. <i>Luminescence</i> , 1994, 9, 211-215.	0.0	21
52	Bioluminescence and spores as biological indicators of inimical processes. <i>Journal of Applied Bacteriology</i> , 1994, 76, 129S-134S.	1.1	43
53	Down-regulation of two non-homologous endogenous tomato genes with a single chimaeric sense gene construct. <i>Plant Molecular Biology</i> , 1993, 23, 1-9.	3.9	63
54	A novel strategy for the isolation of <i>luxI</i> homologues: evidence for the widespread distribution of a <i>LuxR:LuxI</i> superfamily in enteric bacteria. <i>Molecular Microbiology</i> , 1993, 10, 511-520.	2.5	212

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55	The Polymerase Chain Reaction in Molecular and Micro-biology. <i>Biotechnology and Genetic Engineering Reviews</i> , 1992, 10, 343-378.	6.2	10
56	A general role for the lux autoinducer in bacterial cell signalling: control of antibiotic biosynthesis in <i>Erwinia</i> . <i>Gene</i> , 1992, 116, 87-91.	2.2	260
57	Ultra sensitive detection of <i>Listeria monocytogenes</i> in milk by the polymerase chain reaction (PCR). <i>Letters in Applied Microbiology</i> , 1992, 15, 248-252.	2.2	71
58	PCR based gene engineering of the <i>Vibrio harveyi</i> lux operon and the <i>Escherichia coli</i> trp operon provides for biochemically functional native and fused gene products. <i>Molecular Genetics and Genomics</i> , 1991, 226-226, 41-48.	2.4	34
59	Highly bioluminescent <i>Bacillus subtilis</i> obtained through high-level expression of a luxAB fusion gene. <i>Molecular Genetics and Genomics</i> , 1991, 230, 251-256.	2.4	18