

# Peter Stougaard

## List of Publications by Year in descending order

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69  
papers

2,352  
citations

186209

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70  
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70  
docs citations

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times ranked

2270  
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#	ARTICLE	IF	CITATIONS
1	Characterization of five marine family 29 glycoside hydrolases reveals an Î±-L-fucosidase targeting specifically Fuc(1,4)GlcNAc. <i>Glycobiology</i> , 2022, 32, 529-539.	1.3	7
2	A Novel Auxiliary Agarolytic Pathway Expands Metabolic Versatility in the Agar-Degrading Marine Bacterium <i>Colwellia echini</i> A3. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0023021.	1.4	9
3	Fungal-Associated Molecules Induce Key Genes Involved in the Biosynthesis of the Antifungal Secondary Metabolites Nunamycin and Nunapeptin in the Biocontrol Strain <i>Pseudomonas fluorescens</i> In5. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	12
4	A Multifunctional Polysaccharide Utilization Gene Cluster in <i>Colwellia echini</i> Encodes Enzymes for the Complete Degradation of Î²-Carrageenan, Î¹-Carrageenan, and Hybrid Î²/Î¹-Carrageenan. <i>MSphere</i> , 2020, 5, .	1.3	18
5	Transglycosylating Î²-galactosidase and Î±-fucosidase from <i>Paenibacillus</i> sp. 3179 from a hot spring in East Greenland. <i>MicrobiologyOpen</i> , 2020, 9, e980.	1.2	6
6	Identification and Characterization of a Î²-N-Acetylhexosaminidase with a Biosynthetic Activity from the Marine Bacterium <i>Paraglaciecola hydrolytica</i> S66T. <i>International Journal of Molecular Sciences</i> , 2020, 21, 417.	1.8	12
7	Discovery of a Bacterial Gene Cluster for Deglycosylation of Toxic Potato Steroidal Glycoalkaloids Î±-Chaconine and Î±-Solanine. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1390-1396.	2.4	17
8	<i>Serratia inhibens</i> sp. nov., a new antifungal species isolated from potato ( <i>Solanum tuberosum</i> ). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4204-4211.	0.8	12
9	Draft Genome Sequences of Two Glycoalkaloid-Degrading <i>Arthrobacter</i> Strains Isolated from Green Potato Peel. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	4
10	Imaging Gene Expression Dynamics in <i>Pseudomonas fluorescens</i> In5 during Interactions with the Fungus <i>Fusarium graminearum</i> PH-1. <i>Bio-protocol</i> , 2019, 9, e3264.	0.2	1
11	A broad-host range dual-fluorescence reporter system for gene expression analysis in Gram-negative bacteria. <i>Journal of Microbiological Methods</i> , 2018, 144, 173-176.	0.7	5
12	Draft Genome Sequence of a Novel <i>Serratia</i> sp. Strain with Antifungal Activity. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	3
13	A Screening Method for the Isolation of Bacteria Capable of Degrading Toxic Steroidal Glycoalkaloids Present in Potato. <i>Frontiers in Microbiology</i> , 2018, 9, 2648.	1.5	21
14	Discovery and screening of novel metagenome-derived GH107 enzymes targeting sulfated fucans from brown algae. <i>FEBS Journal</i> , 2018, 285, 4281-4295.	2.2	31
15	A Novel Enzyme Portfolio for Red Algal Polysaccharide Degradation in the Marine Bacterium <i>Paraglaciecola hydrolytica</i> S66T Encoded in a Sizeable Polysaccharide Utilization Locus. <i>Frontiers in Microbiology</i> , 2018, 9, 839.	1.5	73
16	<i>Colwellia echini</i> sp. nov., an agar- and carrageenan-solubilizing bacterium isolated from sea urchin. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 687-691.	0.8	19
17	A Microplate Reader-Based System for Visualizing Transcriptional Activity During in vivo Microbial Interactions in Space and Time. <i>Scientific Reports</i> , 2017, 7, 281.	1.6	13
18	Constructing and Screening a Metagenomic Library of a Cold and Alkaline Extreme Environment. <i>Methods in Molecular Biology</i> , 2017, 1539, 43-55.	0.4	0

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19	Biosynthesis of the antimicrobial cyclic lipopeptides nunamycin and nunapeptin by <i>Pseudomonas fluorescens</i> strain In5 is regulated by the LuxR-type transcriptional regulator NunF. <i>MicrobiologyOpen</i> , 2017, 6, e00516.	1.2	30
20	Transcriptomic profiling of microbe-microbe interactions reveals the specific response of the biocontrol strain <i>P. fluorescens</i> In5 to the phytopathogen <i>Rhizoctonia solani</i> . <i>BMC Research Notes</i> , 2017, 10, 376.	0.6	58
21	<i>Paraglaciecola hydrolytica</i> sp. nov., a bacterium with hydrolytic activity against multiple seaweed-derived polysaccharides. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2242-2247.	0.8	16
22	In situ Dynamics of O <sub>2</sub> , pH, Light, and Photosynthesis in Ikaite Tufa Columns (Ikka Fjord, Greenland) – A Unique Microbial Habitat. <i>Frontiers in Microbiology</i> , 2016, 7, 722.	1.5	11
23	Draft Genome Sequence of a Novel Marine Bacterium, <i>Paraglaciecola</i> sp. Strain S66, with Hydrolytic Activity against Seaweed Polysaccharides. <i>Genome Announcements</i> , 2016, 4, .	0.8	22
24	Genomic and exoproteomic analyses of cold- and alkaline-adapted bacteria reveal an abundance of secreted subtilisin-like proteases. <i>Microbial Biotechnology</i> , 2016, 9, 245-256.	2.0	9
25	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain In5 Isolated from a Greenlandic Disease Suppressive Soil with Potent Antimicrobial Activity. <i>Genome Announcements</i> , 2015, 3, .	0.8	9
26	Microbial Diversity in a Permanently Cold and Alkaline Environment in Greenland. <i>PLoS ONE</i> , 2015, 10, e0124863.	1.1	45
27	Draft Genome Sequences of Two Protease-Producing Strains of <i>Arsukibacterium</i> , Isolated from Two Cold and Alkaline Environments. <i>Genome Announcements</i> , 2015, 3, .	0.8	2
28	An exceptionally cold-adapted alpha-amylase from a metagenomic library of a cold and alkaline environment. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 717-727.	1.7	50
29	Nonribosomal Peptides, Key Biocontrol Components for <i>Pseudomonas fluorescens</i> In5, Isolated from a Greenlandic Suppressive Soil. <i>MBio</i> , 2015, 6, e00079.	1.8	104
30	Improved cultivation and metagenomics as new tools for bioprospecting in cold environments. <i>Extremophiles</i> , 2015, 19, 17-29.	0.9	79
31	Bioactivities by a crude extract from the Greenlandic <i>Pseudomonas</i> sp. In5 involves the nonribosomal peptides, nunamycin and nunapeptin. <i>PeerJ</i> , 2015, 3, e1476.	0.9	26
32	Bacterial diversity in Greenlandic soils as affected by potato cropping and inorganic versus organic fertilization. <i>Polar Biology</i> , 2014, 37, 61-71.	0.5	55
33	Discovery of novel enzymes with industrial potential from a cold and alkaline environment by a combination of functional metagenomics and culturing. <i>Microbial Cell Factories</i> , 2014, 13, 72.	1.9	86
34	Improving diversity in cultures of bacteria from an extreme environment. <i>Canadian Journal of Microbiology</i> , 2013, 59, 581-586.	0.8	10
35	Draft Genome Sequence of the Psychrophilic and Alkaliphilic <i>Rhodonellum psychrophilum</i> Strain GCM71 <sup>T</sup> . <i>Genome Announcements</i> , 2013, 1, .	0.8	1
36	Microbial Diversity and Enzymes in Ikaite Columns: A Cold and Alkaline Environment in Greenland. Cellular Origin and Life in Extreme Habitats, 2013, , 365-380.	0.3	4

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37	Hydrogen cyanide synthesis and antifungal activity of the biocontrol strain <i>Pseudomonas fluorescens</i> In5 from Greenland is highly dependent on growth medium. <i>Canadian Journal of Microbiology</i> , 2012, 58, 381-390.	0.8	45
38	<i>Alkalilactibacillus ikkensis</i> , gen. nov., sp. nov., a novel enzyme-producing bacterium from a cold and alkaline environment in Greenland. <i>Extremophiles</i> , 2012, 16, 297-305.	0.9	14
39	Partial characterization of cold active amylases and proteases of <i>Streptomyces</i> sp. from Antarctica. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 868-877.	0.8	7
40	A Novel Antifungal <i>Pseudomonas fluorescens</i> Isolated from Potato Soils in Greenland. <i>Current Microbiology</i> , 2011, 62, 1185-1192.	1.0	30
41	Isolation and cloning of extracellular thermostable $\beta$ -galactosidases from a newly isolated Thermophilic <i>Bacillus licheniformis</i> KG9. <i>Current Opinion in Biotechnology</i> , 2011, 22, S80.	3.3	0
42	Isolation, characterization and heterologous expression of a novel chitosanase from <i>Janthinobacterium</i> sp. strain 4239. <i>Microbial Cell Factories</i> , 2010, 9, 5.	1.9	58
43	Methylenetetrahydrofolate Reductase Activity Is Involved in the Plasma Membrane Redox System Required for Pigment Biosynthesis in Filamentous Fungi. <i>Eukaryotic Cell</i> , 2010, 9, 1225-1235.	3.4	12
44	Identification, cloning and expression of a cold active $\beta$ -galactosidase from a novel Arctic bacterium, <i>Alkalilactibacillus ikkense</i> . <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1107-1114.	1.2	40
45	A lipase with broad temperature range from an alkaliphilic gamma-proteobacterium isolated in Greenland. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1091-1100.	1.2	13
46	Propionic Acid Secreted from Propionibacteria Induces NKG2D Ligand Expression on Human-Activated T Lymphocytes and Cancer Cells. <i>Journal of Immunology</i> , 2009, 183, 897-906.	0.4	35
47	Biocontrol bacteria isolated from potato fields in Greenland. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 6, 372041.	0.2	1
48	<i>Flavobacterium</i> sp. Strain 4221 and <i>Pedobacter</i> sp. Strain 4236 $\beta$ -1,3-Glucanases That Are Active at Low Temperatures. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7070-7072.	1.4	15
49	<i>Arsukibacterium ikkense</i> gen. nov., sp. nov, a novel alkaliphilic, enzyme-producing $\beta$ -Proteobacterium isolated from a cold and alkaline environment in Greenland. <i>Systematic and Applied Microbiology</i> , 2007, 30, 197-201.	1.2	26
50	Bacterial diversity in permanently cold and alkaline ikaite columns from Greenland. <i>Extremophiles</i> , 2006, 10, 551-562.	0.9	46
51	Secreted $\beta$ -galactosidase from a <i>Flavobacterium</i> sp. isolated from a low-temperature environment. <i>Applied Microbiology and Biotechnology</i> , 2006, 70, 548-557.	1.7	13
52	<i>Rhodonellum psychrophilum</i> gen. nov., sp. nov., a novel psychrophilic and alkaliphilic bacterium of the phylum Bacteroidetes isolated from Greenland. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2887-2892.	0.8	35
53	Enzymatic conversion of d-galactose to d-tagatose: heterologous expression and characterisation of a thermostable l-arabinose isomerase from <i>Thermoanaerobacter mathranii</i> . <i>Applied Microbiology and Biotechnology</i> , 2004, 64, 816-822.	1.7	117
54	Microbial diversity in ikaite tufa columns: an alkaline, cold ecological niche in Greenland. <i>Environmental Microbiology</i> , 2002, 4, 487-493.	1.8	52

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55	Optimization of the Production of Chondrus crispus Hexose Oxidase in Pichia pastoris. Protein Expression and Purification, 2001, 22, 189-199.	0.6	12
56	Intra- and Extracellular $\beta$ -Galactosidases from Bifidobacterium bifidum and B. infantis : Molecular Cloning, Heterologous Expression, and Comparative Characterization. Applied and Environmental Microbiology, 2001, 67, 2276-2283.	1.4	104
57	High-efficiency synthesis of oligosaccharides with a truncated $\beta$ -galactosidase from Bifidobacterium bifidum. Applied Microbiology and Biotechnology, 2001, 57, 647-652.	1.7	75
58	Hexose Oxidase from the Red Alga Chondrus crispus. Journal of Biological Chemistry, 1997, 272, 11581-11587.	1.6	32
59	Construction of subtractive cDNA library using magnetic beads and PCR.. Genome Research, 1995, 4, S168-S176.	2.4	10
60	PR-proteins accumulating in spruce roots infected with a pathogenic Pythium sp. isolate include chitinases, chitosanases and $\beta$ -1,3-glucanases. Physiological and Molecular Plant Pathology, 1993, 43, 57-67.	1.3	47
61	Purification and properties of Saccharomyces cerevisiae acetolactate synthase from recombinant Escherichia coli. FEBS Journal, 1989, 185, 433-439.	0.2	34
62	Identification and characterization of mutations responsible for a runaway replication phenotype of plasmid R1. Gene, 1987, 57, 203-211.	1.0	15
63	Convergent transcription interferes with expression of the copy number control gene, <i>copA</i> , from plasmid R1. EMBO Journal, 1982, 1, 323-328.	3.5	35
64	RNAs involved in copy-number control and incompatibility of plasmid R1.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 6008-6012.	3.3	199
65	Vertical dye-buoyant density gradients for rapid analysis and preparation of plasmid DNA. Analytical Biochemistry, 1981, 118, 191-193.	1.1	77
66	The nucleotide sequence of the replication control region of the resistance plasmid R1drd-19. Molecular Genetics and Genomics, 1981, 181, 116-122.	2.4	62
67	Isolation and characterization of new copy mutants of plasmid R1, and identification of a polypeptide involved in copy number control. Molecular Genetics and Genomics, 1981, 181, 123-130.	2.4	81
68	Plasmid R1 in Salmonella typhimurium: Molecular instability and gene dosage effects. Plasmid, 1979, 2, 589-597.	0.4	13
69	Clustering of genes involved in replication, copy number control, incompatibility, and stable maintenance of the resistance plasmid R1drd-19. Journal of Bacteriology, 1979, 138, 70-79.	1.0	117