

# Paul Baker

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,959  
citations

687220

13  
h-index

552653

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2489  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of actinomycete communities by specific amplification of genes encoding 16S rRNA and gel-electrophoretic separation in denaturing gradients. <i>Applied and Environmental Microbiology</i> , 1997, 63, 3233-3241.	1.4	1,298
2	Isolation and Analysis of Bacteria with Antimicrobial Activities from the Marine Sponge <i>Haliclona simulans</i> Collected from Irish Waters. <i>Marine Biotechnology</i> , 2009, 11, 384-396.	1.1	168
3	Phylogenetic Diversity and Antimicrobial Activities of Fungi Associated with <i>Haliclona simulans</i> Isolated from Irish Coastal Waters. <i>Marine Biotechnology</i> , 2009, 11, 540-547.	1.1	72
4	Environmentally relevant microorganisms. <i>Journal of Bioscience and Bioengineering</i> , 2000, 89, 1-11.	1.1	67
5	<i>Escherichia coli</i> growth under modeled reduced gravity. <i>Microgravity Science and Technology</i> , 2004, 15, 39-44.	0.7	39
6	The effect of simulated microgravity on bacteria from the mir space station. <i>Microgravity Science and Technology</i> , 2004, 15, 35-41.	0.7	37
7	Attachment to stainless steel by Mir Space Station bacteria growing under modeled reduced gravity at varying nutrient concentrations. <i>Biofilms</i> , 2005, 2, 1-7.	0.6	33
8	Increased delignification by white rot fungi after pressure refining <i>Miscanthus</i> . <i>Bioresource Technology</i> , 2015, 189, 81-86.	4.8	26
9	A comparison in protein extraction from four major crop residues in Europe using chemical and enzymatic processes-a review. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 59, 102239.	2.7	26
10	Molecular diversity of pMMO and sMMO in a TCE-contaminated aquifer during bioremediation. <i>FEMS Microbiology Ecology</i> , 2001, 38, 161-167.	1.3	23
11	Marine prosthecate bacteria involved in the ennoblement of stainless steel. <i>Environmental Microbiology</i> , 2003, 5, 925-932.	1.8	22
12	Endoglucanase activities and growth of marine-derived fungi isolated from the sponge <i>Haliclona simulans</i> . <i>Journal of Applied Microbiology</i> , 2010, 108, 1668-1675.	1.4	17
13	Developing an Olive Biorefinery in Slovenia: Analysis of Phenolic Compounds Found in Olive Mill Pomace and Wastewater. <i>Molecules</i> , 2021, 26, 7.	1.7	15
14	Antimicrobial Potential of Plastic Films Incorporated with Sage Extract on Chicken Meat. <i>Foods</i> , 2021, 10, 2812.	1.9	15
15	Intraspecific differences in bacterial responses to modelled reduced gravity. <i>Journal of Applied Microbiology</i> , 2005, 98, 1239-1246.	1.4	12
16	Pressurised disc refining of wheat straw as a pre-treatment approach for agricultural residues: A preliminary assessment of energy consumption and fibre composition. <i>Bioresource Technology</i> , 2020, 304, 122976.	4.8	12
17	Bacterial populations occurring in a trichloroethylene-contaminated aquifer during methane injection. <i>Environmental Microbiology</i> , 2001, 3, 187-193.	1.8	10
18	Seasonal patterns of abundance of viruses and bacteria in a Northeast Ohio (USA) stream. <i>Archiv für Hydrobiologie</i> , 2004, 161, 225-233.	1.1	10

#	ARTICLE	IF	CITATIONS
19	The patterns of bacterial community and relationships between sulfate-reducing bacteria and hydrochemistry in sulfate-polluted groundwater of Baogang rare earth tailings. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21766-21779.	2.7	10
20	Fungal pre-treatment of forestry biomass with a focus on biorefining: A comparison of biomass degradation and enzyme activities by wood rot fungi across three tree species. <i>Biomass and Bioenergy</i> , 2017, 107, 20-28.	2.9	10
21	Fibre degradation of wheat straw by <i>Pleurotus eryngii</i> under low moisture conditions during solid-state fermentation. <i>Letters in Applied Microbiology</i> , 2019, 68, 182-187.	1.0	8
22	Electrochemical quantification of d-glucose during the production of bioethanol from thermo-mechanically pre-treated wheat straw. <i>Electrochemistry Communications</i> , 2021, 124, 106942.	2.3	8
23	Biodegradation of Different Genotypes of <i>Miscanthus</i> by Wood Rot Fungi. <i>BioResources</i> , 2016, 11, .	0.5	7
24	HPLC-DAD-qTOF Compositional Analysis of the Phenolic Compounds Present in Crude Tomato Protein Extracts Derived from Food Processing. <i>Molecules</i> , 2021, 26, 6403.	1.7	6
25	Mir space station bacteria responses to modeled reduced gravity under starvation conditions. <i>Advances in Space Research</i> , 2006, 38, 1152-1158.	1.2	5
26	Immobilization of <i>Shewanella oneidensis</i> MR-1 in diffusive gradients in thin films for determining metal bioavailability. <i>Chemosphere</i> , 2015, 138, 309-315.	4.2	2
27	Pre-processing Waste Tomatoes into Separated Streams with the Intention of Recovering Protein: Towards an Integrated Fruit and Vegetable Biorefinery Approach to Waste Minimization. <i>Waste and Biomass Valorization</i> , 0, , 1.	1.8	1
28	In situ extraction of RNA from marine-derived fungi associated with the marine sponge, <i>Haliclona simulans</i> . <i>Mycological Progress</i> , 2012, 11, 953-956.	0.5	0