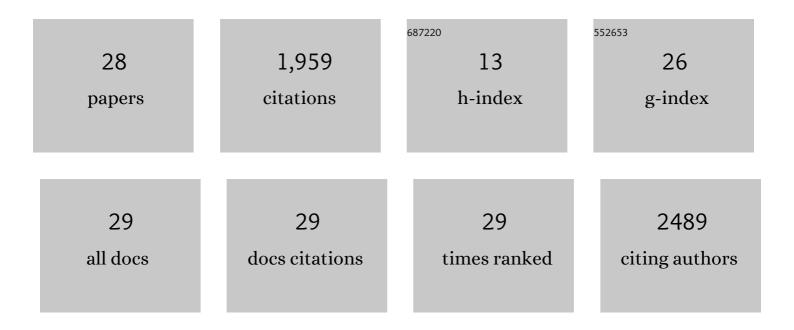
## Paul Baker

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Analysis of actinomycete communities by specific amplification of genes encoding 16S rRNA and gel-electrophoretic separation in denaturing gradients. Applied and Environmental Microbiology, 1997, 63, 3233-3241.	1.4	1,298
2	Isolation and Analysis of Bacteria with Antimicrobial Activities from the Marine Sponge Haliclona simulans Collected from Irish Waters. Marine Biotechnology, 2009, 11, 384-396.	1.1	168
3	Phylogenetic Diversity and Antimicrobial Activities of Fungi Associated with Haliclona simulans Isolated from Irish Coastal Waters. Marine Biotechnology, 2009, 11, 540-547.	1.1	72
4	Environmentally relevant microorganisms. Journal of Bioscience and Bioengineering, 2000, 89, 1-11.	1.1	67
5	Escherichia coli growth under modeled reduced gravity. Microgravity Science and Technology, 2004, 15, 39-44.	0.7	39
6	The effect of simulated microgravity on bacteria from the mir space station. Microgravity Science and Technology, 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. Biofilms, 2005, 2, 1-7.	0.6	33
8	Increased delignification by white rot fungi after pressure refining Miscanthus. Bioresource Technology, 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. Innovative Food Science and Emerging Technologies, 2020, 59, 102239.	2.7	26
10	Molecular diversity of pMMO and sMMO in a TCE-contaminated aquifer during bioremediation. FEMS Microbiology Ecology, 2001, 38, 161-167.	1.3	23
11	Marine prosthecate bacteria involved in the ennoblement of stainless steel. Environmental Microbiology, 2003, 5, 925-932.	1.8	22
12	Endoglucanase activities and growth of marine-derived fungi isolated from the sponge <i>Haliclona simulans</i> . Journal of Applied Microbiology, 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. Molecules, 2021, 26, 7.	1.7	15
14	Antimicrobial Potential of Plastic Films Incorporated with Sage Extract on Chicken Meat. Foods, 2021, 10, 2812.	1.9	15
15	Intraspecific differences in bacterial responses to modelled reduced gravity. Journal of Applied Microbiology, 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. Bioresource Technology, 2020, 304, 122976.	4.8	12
17	Bacterial populations occurring in a trichloroethylene-contaminated aquifer during methane injection. Environmental Microbiology, 2001, 3, 187-193.	1.8	10
18	Seasonal patterns of abundance of viruses and bacteria in a Northeast Ohio (USA) stream. Archiv Für Hydrobiologie, 2004, 161, 225-233.	1.1	10

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19	The patterns of bacterial community and relationships between sulfate-reducing bacteria and hydrochemistry in sulfate-polluted groundwater of Baogang rare earth tailings. Environmental Science and Pollution Research, 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. Biomass and Bioenergy, 2017, 107, 20-28.	2.9	10
21	Fibre degradation of wheat straw by <i>Pleurotus erygnii</i> under low moisture conditions during solid-state fermentation. Letters in Applied Microbiology, 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. Electrochemistry Communications, 2021, 124, 106942.	2.3	8
23	Biodegradation of Different Genotypes of Miscanthus by Wood Rot Fungi. BioResources, 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. Molecules, 2021, 26, 6403.	1.7	6
25	Mir space station bacteria responses to modeled reduced gravity under starvation conditions. Advances in Space Research, 2006, 38, 1152-1158.	1.2	5
26	Immobilization of Shewanella oneidensis MR-1 in diffusive gradients in thin films for determining metal bioavailability. Chemosphere, 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. Waste and Biomass Valorization, 0, , 1.	1.8	1
28	In situ extraction of RNA from marine-derived fungi associated with the marine sponge, Haliclona simulans. Mycological Progress, 2012, 11, 953-956.	0.5	0