Alan D W Dobson

List of Publications by Year
in descending order

152 papers	8,028 citations	41258 49 h-index	54797 84 g-index
159 all docs	159 docs citations	159 times ranked	9384 citing authors

#	Article	IF	Citations
1	Strategies to Prevent Mycotoxin Contamination of Food and Animal Feed: A Review. Critical Reviews in Food Science and Nutrition, 2006, 46, 593-619.	5.4	654
2	Mycotoxin production by Aspergillus, Fusarium and Penicillium species. International Journal of Food Microbiology, 1998, 43, 141-158.	2.1	524
3	Parameters affecting biological phosphate removal from wastewaters. Environment International, 2004, 30, 249-259.	4.8	257
4	Long-term phosphorus fertilisation increased the diversity of the total bacterial community and the phoD phosphorus mineraliser group in pasture soils. Biology and Fertility of Soils, 2013, 49, 661-672.	2.3	257
5	Differential regulation of laccase gene expression in Pleurotus sajor-caju The GenBank accession numbers for the sequences determined in this work are AF297525â€“AF297528.. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov	2.1	214
6	Extending the â€œOne Strain Many Compoundsâ€•(OSMAC) Principle to Marine Microorganisms. Marine Drugs, 2018, 16, 244.	2.2	200
7	Marine metagenomics: strategies for the discovery of novel enzymes with biotechnological applications from marine environments. Microbial Cell Factories, 2008, 7, 27.	1.9	198
8	An Introduction to the Traditional Fermented Foods and Beverages of Turkey. Critical Reviews in Food Science and Nutrition, 2011, 51, 248-260.	5.4	182
9	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
10	Marine Metagenomics: New Tools for the Study and Exploitation of Marine Microbial Metabolism. Marine Drugs, 2010, 8, 608-628.	2.2	152
11	The use of ozone in the remediation of polycyclic aromatic hydrocarbon contaminated soil. Chemosphere, 2006, 63, 307-314.	4.2	141
12	Molecular biology of mycotoxin biosynthesis. FEMS Microbiology Letters, 1999, 175, 149-163.	0.7	138
13	PCR-based detection and quantification of mycotoxigenic fungi. Mycological Research, 2002, 106, 1005-1025.	2.5	135
14	The Sound of Silence: Activating Silent Biosynthetic Gene Clusters in Marine Microorganisms. Marine Drugs, 2015, 13, 4754-4783.	2.2	130
15	Sequence and Expression of a Functional Chicken Progesterone Receptor. Molecular Endocrinology, 1987, 1, 517-525.	3.7	118
16	Metagenomic approaches to exploit the biotechnological potential of the microbial consortia of marine sponges. Applied Microbiology and Biotechnology, 2007, 75, 11-20.	1.7	110
17	Biochemistry, genetics and physiology of microbial styrene degradation. FEMS Microbiology Reviews, 2002, 26, 403-417.	3.9	99
18	Diversity of microbes associated with the marine sponge, Haliclona simulans, isolated from Irish waters and identification of polyketide synthase genes from the sponge metagenome. Environmental Microbiology, 2008, 10, 1888-1902.	1.8	93

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19	Mycotoxins in spices and herbsâ€“An update. Critical Reviews in Food Science and Nutrition, 2017, 57, 18-34.	5.4	93
20	Current Status and Future Prospects of Marine Natural Products (MNPs) as Antimicrobials. Marine Drugs, 2017, 15, 272.	2.2	92
21	Microbial Polyethylene Terephthalate Hydrolases: Current and Future Perspectives. Frontiers in Microbiology, 2020, 11, 571265.	1.5	90
22	Subtilomycin: A New Lantibiotic from Bacillus subtilis Strain MMA7 Isolated from the Marine Sponge Haliclona simulans. Marine Drugs, 2013, 11, 1878-1898.	2.2	83
23	Diverse and Abundant Secondary Metabolism Biosynthetic Gene Clusters in the Genomes of Marine Sponge Derived Streptomyces spp. Isolates. Marine Drugs, 2018, 16, 67.	2.2	81
24	Structural close-related aromatic compounds have different effects on laccase activity and on lcc gene expression in the ligninolytic fungus Trametes sp. I-62. Fungal Genetics and Biology, 2004, 41, 954-962.	0.9	80
25	Ochratoxin A biosynthetic genes in Aspergillus ochraceus are differentially regulated by pH and nutritional stimuli. Fungal Genetics and Biology, 2006, 43, 213-221.	0.9	80
26	In silico Screening and Heterologous Expression of a Polyethylene Terephthalate Hydrolase (PETase)-Like Enzyme (SM14est) With Polycaprolactone (PCL)-Degrading Activity, From the Marine Sponge-Derived Strain Streptomyces sp. SM14. Frontiers in Microbiology, 2019, 10, 2187.	1.5	80
27	Evidence of a Putative Deep Sea Specific Microbiome in Marine Sponges. PLoS ONE, 2014, 9, e91092.	1.1	79
28	Isolation identification and biochemical characterization of a novel halo-tolerant lipase from the metagenome of the marine sponge Haliclona simulans. Microbial Cell Factories, 2012, 11, 72.	1.9	76
29	Cloning, sequence analysis and heterologous expression in Pichia pastoris of a gene encoding a thermostable cellobiose dehydrogenase from Myriococcum thermophilum. Protein Expression and Purification, 2008, 59, 258-265.	0.6	72
30	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
31	Metagenomics for the discovery of novel biosurfactants of environmental interest from marine ecosystems. Current Opinion in Biotechnology, 2015, 33, 176-182.	3.3	72
32	The use of reverse transcription-polymerase chain reaction (RT-PCR) for monitoring aflatoxin production in Aspergillus parasiticus 439. International Journal of Food Microbiology, 2000, 56, 97-103.	2.1	70
33	Archaea Appear to Dominate the Microbiome of Inflatella pellicula Deep Sea Sponges. PLoS ONE, 2013, 8, e84438.	1.1	69
34	Study of the performance of a thermophilic biological methanation system. Bioresource Technology, 2017, 225, 308-315.	4.8	69
35	Pyrosequencing Reveals Diverse and Distinct Sponge-Specific Microbial Communities in Sponges from a Single Geographical Location in Irish Waters. Microbial Ecology, 2012, 64, 105-116.	1.4	67
36	Emerging Strategies and Integrated Systems Microbiology Technologies for Biodiscovery of Marine Bioactive Compounds. Marine Drugs, 2014, 12, 3516-3559.	2.2	66

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37	Structure-Function Properties of the Chicken Progesterone Receptor A Synthesized from Complementary Deoxyribonucleic Acid. Molecular Endocrinology, 1987, 1, 791-801.	3.7	64
38	Emerging Concepts Promising New Horizons for Marine Biodiscovery and Synthetic Biology. Marine Drugs, 2015, 13, 2924-2954.	2.2	61
39	Biological Strategies To Counteract the Effects of Mycotoxins. Journal of Food Protection, 2009, 72, 2006-2016.	0.8	60
40	Graphene Facilitates Biomethane Production from Protein-Derived Glycine in Anaerobic Digestion. IScience, 2018, 10, 158-170.	1.9	59
41	Genetic Characterization of Accumulation of Polyhydroxyalkanoate from Styrene in Pseudomonas putida CA-3. Applied and Environmental Microbiology, 2005, 71, 4380-4387.	1.4	58
42	Transcriptional regulation of styrene degradation in Pseudomonas putida CA-3 The GenBank accession number for the sequence determined in this work is AF257095.. Microbiology (United Kingdom), 2001, 147, 973-979.	0.7	58
43	Reduction of the 2,2â€²-Azinobis(3-Ethylbenzthiazoline-6-Sulfonate) Cation Radical by Physiological Organic Acids in the Absence and Presence of Manganese. Applied and Environmental Microbiology, 1998, 64, 2026-2031.	1.4	58
44	Potential of using real-time PCR-based detection of spoilage yeast in fruit juiceâ€"a preliminary study. International Journal of Food Microbiology, 2004, 91, 327-335.	2.1	57
45	Fluoranthene degradation in Pseudomonas alcaligenes PA-10. Biodegradation, 2001, 12, 393-400.	1.5	56
46	Trace element supplementation is associated with increases in fermenting bacteria in biogas mono-digestion of grass silage. Renewable Energy, 2019, 138, 980-986.	4.3	56
47	Effect of surfactants on fluoranthene degradation by Pseudomonas alcaligenes PA-10. Applied Microbiology and Biotechnology, 2007, 74, 851-856.	1.7	55
48	A halotolerant thermostable lipase from the marine bacteriumOceanobacillussp. PUMB02 with an ability to disrupt bacterial biofilms. Bioengineered, 2014, 5, 305-318.	1.4	55
49	Identification of Secondary Metabolite Gene Clusters in the Pseudovibrio Genus Reveals Encouraging Biosynthetic Potential toward the Production of Novel Bioactive Compounds. Frontiers in Microbiology, 2017, 8, 1494.	1.5	54
50	A Review on Viral Metagenomics in Extreme Environments. Frontiers in Microbiology, 2019, 10, 2403.	1.5	54
51	Characterisation of a pks gene which is expressed during ochratoxin A production by Aspergillus carbonarius. International Journal of Food Microbiology, 2009, 129, 8-15.	2.1	53
52	Synthesis of Nm-PHB (nanomelanin-polyhydroxy butyrate) nanocomposite film and its protective effect against biofilm-forming multi drug resistant Staphylococcus aureus. Scientific Reports, 2017, 7, 9167.	1.6	51
53	Cloning and molecular characterization ofPenicillium expansumgenes upregulated under conditions permissive for patulin biosynthesis. FEMS Microbiology Letters, 2006, 255, 17-26.	0.7	48
54	Metabolomic Profiling and Genomic Study of a Marine Sponge-Associated Streptomyces sp.. Marine Drugs, 2014, 12, 3323-3351.	2.2	48

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55	MexT Functions as a Redox-Responsive Regulator Modulating Disulfide Stress Resistance in Pseudomonas aeruginosa. Journal of Bacteriology, 2012, 194, 3502-3511.	1.0	47
56	Analysis of the effect of nutritional factors on OTA and OTB biosynthesis and polyketide synthase gene expression in Aspergillus ochraceus. International Journal of Food Microbiology, 2009, 135, 22-27.	2.1	46
57	Characterisation of Non-Autoinducing Tropodithietic Acid (TDA) Production from Marine Sponge Pseudovibrio Species. Marine Drugs, 2014, 12, 5960-5978.	2.2	46
58	Graphene Addition to Digestion of Thin Stillage Can Alleviate Acidic Shock and Improve Biomethane Production. ACS Sustainable Chemistry and Engineering, 2020, 8, 13248-13260.	3.2	44
59	Simple screening protocol for identification of potential mycoremediation tools for the elimination of polycyclic aromatic hydrocarbons and phenols from hyperalkalophile industrial effluents. Journal of Environmental Management, 2017, 198, 1-11.	3.8	43
60	Microalgal Enzymes with Biotechnological Applications. Marine Drugs, 2019, 17, 459.	2.2	43
61	The association of bacterial C9-based TTX-like compounds with Prorocentrum minimum opens new uncertainties about shellfish seafood safety. Scientific Reports, 2017, 7, 40880.	1.6	42
62	Characterization of lignocellulolytic activities from fungi isolated from the deep-sea sponge Stelletta normani. PLoS ONE, 2017, 12, e0173750.	1.1	42
63	Maribacter spongiicola sp. nov. and Maribacter vaceletii sp. nov., isolated from marine sponges, and emended description of the genus Maribacter. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2097-2103.	0.8	42
64	Cloning and Functional Characterization of the styE Gene, Involved in Styrene Transport in Pseudomonas putida CA-3. Applied and Environmental Microbiology, 2006, 72, 1302-1309.	1.4	41
65	Diversity and antibacterial activity of bacteria isolated from the coastal marine sponges Amphilectus fucorum and Eurypon major. Letters in Applied Microbiology, 2012, 55, 2-8.	1.0	41
66	From lignocellulosic metagenomes to lignocellulolytic genes: trends, challenges and future prospects. Biofuels, Bioproducts and Biorefining, 2016, 10, 864-882.	1.9	41
67	A Saccharomyces cerevisiae Wine Strain Inhibits Growth and Decreases Ochratoxin A Biosynthesis by Aspergillus carbonarius and Aspergillus ochraceus. Toxins, 2012, 4, 1468-1481.	1.5	38
68	Diversity of Natural Product Biosynthetic Genes in the Microbiome of the Deep Sea Sponges Inflatella pellicula, Poecillastra compressa, and Stelletta normani. Frontiers in Microbiology, 2016, 07, 1027.	1.5	38
69	Marine Pseudovibrio sp. as a Novel Source of Antimicrobials. Marine Drugs, 2014, 12, 5916-5929.	2.2	36
70	Comparative Genomic Analysis Reveals a Diverse Repertoire of Genes Involved in Prokaryote-Eukaryote Interactions within the Pseudovibrio Genus. Frontiers in Microbiology, 2016, 7, 387.	1.5	36
71	Tetracycline Resistance-Encoding Plasmid from Bacillus sp. Strain #24, Isolated from the Marine Sponge Haliclona simulans. Applied and Environmental Microbiology, 2011, 77, 327-329.	1.4	35
72	Evaluation of dairy processing wastewater biotreatment in an IASBR system: Aeration rate impacts on performance and microbial ecology. Biotechnology Reports (Amsterdam, Netherlands), 2018, 19, e00263.	2.1	35

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73	Mycoremediation of phenols and polycyclic aromatic hydrocarbons from a biorefinery wastewater and concomitant production of lignin modifying enzymes. Journal of Cleaner Production, 2020, 253, 119810.	4.6	35
74	Methanosarcina Play an Important Role in Anaerobic Co-Digestion of the Seaweed Ulva lactuca: Taxonomy and Predicted Metabolism of Functional Microbial Communities. PLoS ONE, 2015, 10, e0142603.	1.1	33
75	Oxidation of fluorene and phenanthrene by Mn(II) dependent peroxidase activity in whole cultures of Trametes(coriolus) versicolor. Biotechnology Letters, 1996, 18, 801-804.	1.1	32
76	Extremophile deep-sea viral communities from hydrothermal vents: Structural and functional analysis. Marine Genomics, 2019, 46, 16-28.	0.4	32
77	Functional characterization of the polyketide synthase gene required for ochratoxin A biosynthesis in Penicillium verrucosum. International Journal of Food Microbiology, 2013, 161, 172-181.	2.1	31
78	Rhizobium metallidurans sp. nov., a symbiotic heavy metal resistant bacterium isolated from the Anthyllis vulneraria Zn-hyperaccumulator. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1525-1530.	0.8	31
79	A Novel Cold Active Esterase from a Deep Sea Sponge Stelletta normani Metagenomic Library. Frontiers in Marine Science, 2017, 4, .	1.2	31
80	Isolation and Identification of Antitrypanosomal and Antimycobacterial Active Steroids from the Sponge Haliclona simulans. Marine Drugs, 2014, 12, 2937-2952.	2.2	30
81	Cloning and Characterization of a cDNA Encoding a Novel Extracellular Peroxidase from Trametes versicolor. Applied and Environmental Microbiology, 1999, 65, 1343-1347.	1.4	29
82	Degradation intermediates of polyhydroxy butyrate inhibits phenotypic expression of virulence factors and biofilm formation in luminescent Vibrio sp. PUGSK8. Npj Biofilms and Microbiomes, 2016, 2, 16002.	2.9	29
83	Aquimarina amphilecti sp. nov., isolated from the sponge Amphilectus fucorum. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 501-505.	0.8	28
84	Metagenomics of Atacama Lithobiontic Extremophile Life Unveils Highlights on Fungal Communities, Biogeochemical Cycles and Carbohydrate-Active Enzymes. Microorganisms, 2019, 7, 619.	1.6	28
85	GacS-Dependent Regulation of Polyhydroxyalkanoate Synthesis in Pseudomonas putida CA-3. Applied and Environmental Microbiology, 2013, 79, 1795-1802.	1.4	27
86	Pseudovibrio axinellae sp. nov., isolated from an Irish marine sponge. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 141-145.	0.8	27
87	Induction and repression of thestyoperon inPseudomonas putidaCA-3 during growth on phenylacetic acid under organic and inorganic nutrient-limiting continuous culture conditions. FEMS Microbiology Letters, 2002, 208, 263-268.	0.7	26
88	Disruption ofNâ€acylâ€homoserine lactoneâ€specific signalling and virulence in clinical pathogens by marine sponge bacteria. Microbial Biotechnology, 2019, 12, 1049-1063.	2.0	26
89	Access to and use of marine genetic resources: understanding the legal framework. Natural Product Reports, 2014, 31, 612.	5.2	25
90	Comparative Genomics of Marine Sponge-Derived Streptomyces spp. Isolates SM17 and SM18 With Their Closest Terrestrial Relatives Provides Novel Insights Into Environmental Niche Adaptations and Secondary Metabolite Biosynthesis Potential. Frontiers in Microbiology, 2019, 10, 1713.	1.5	25

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91	Biochemical Characterization of a Novel Monospecific Endo-Î²-1,4-Glucanase Belonging to GH Family 5 From a Rhizosphere Metagenomic Library. Frontiers in Microbiology, 2019, 10, 1342.	1.5	25
92	Ethylbenzene degradation byPseudomonas fluorescensstrain CA-4. FEMS Microbiology Letters, 1994, 124, 23-27.	0.7	24
93	Title is missing!. Biotechnology Letters, 1998, 20, 301-306.	1.1	23
94	Genomic characterization of three marine fungi, including Emericellopsis atlantica sp. nov. with signatures of a generalist lifestyle and marine biomass degradation. IMA Fungus, 2021, 12, 21.	1.7	23
95	Diversity of bacteria populations associated with different thallus regions of the brown alga Laminaria digitata. PLoS ONE, 2020, 15, e0242675.	1.1	23
96	Identification of Novel Phytase Genes from an Agricultural Soil-Derived Metagenome. Journal of Microbiology and Biotechnology, 2014, 24, 113-118.	0.9	23
97	Integrated (Meta) Genomic and Synthetic Biology Approaches to Develop New Biocatalysts. Marine Drugs, 2016, 14, 62.	2.2	22
98	Genome Mining Coupled with OSMAC-Based Cultivation Reveal Differential Production of Surugamide A by the Marine Sponge Isolate Streptomyces sp. SM17 When Compared to Its Terrestrial Relative S. albidoflavus J1074. Microorganisms, 2019, 7, 394.	1.6	21
99	The non-classical ArsR-family repressor PyeR (PA4354) modulates biofilm formation in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2012, 158, 2598-2609.	0.7	20
100	Biotechnological Potential of Cold Adapted Pseudoalteromonas spp. Isolated from â€˜Deep Seaâ€™ Sponges. Marine Drugs, 2017, 15, 184.	2.2	20
101	Evidence of bacteriophage-mediated horizontal transfer of bacterial 16S rRNA genes in the viral metagenome of the marine sponge Hymeniacidon perlevis. Microbiology (United Kingdom), 2012, 158, 2789-2795.	0.7	19
102	Microbial Population Changes in Decaying Ascophyllum nodosum Result in Macroalgal-Polysaccharide-Degrading Bacteria with Potential Applicability in Enzyme-Assisted Extraction Technologies. Marine Drugs, 2019, 17, 200.	2.2	19
103	Assessing the feasibility of achieving biological nutrient removal from wastewater at an Irish food processing factory. Bioresource Technology, 2004, 91, 207-214.	4.8	18
104	Draft Genome Sequence of the Antimycin-Producing Bacterium Streptomyces sp. Strain SM8, Isolated from the Marine Sponge Haliclona simulans. Genome Announcements, 2018, 6, .	0.8	18
105	Harnessing the sponge microbiome for industrial biocatalysts. Applied Microbiology and Biotechnology, 2020, 104, 8131-8154.	1.7	18
106	Extracellular lignin and manganese peroxidase production by the white-rot fungus Coriolus versicolor 290. Biotechnology Letters, 1995, 17, 989-992.	1.1	17
107	Cloning and characterization of novel methylsalicylic acid synthase gene involved in the biosynthesis of isoasperlactone and asperlactone in Aspergillus westerdijkiae. Fungal Genetics and Biology, 2009, 46, 742-749.	0.9	16
108	Inhibition of the growth ofBacillus subtilisDSM10 by a newly discovered antibacterial protein from the soil metagenome. Bioengineered, 2015, 6, 89-98.	1.4	15

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109	The Effects of the Marine-Derived Polysaccharides Laminarin and Chitosan on Aspects of Colonic Health in Pigs Challenged with Dextran Sodium Sulphate. Marine Drugs, 2020, 18, 262.	2.2	15
110	Regulation of polyphosphate kinase gene expression in Acinetobacter baumannii 252. Microbiology (United Kingdom), 1999, 145, 2931-2937.	0.7	14
111	DairyWater: striving for sustainability within the dairy processing industry in the Republic of Ireland. Journal of Dairy Research, 2018, 85, 366-374.	0.7	13
112	Identification of BgP, a Cutinase-Like Polyesterase From a Deep-Sea Sponge-Derived Actinobacterium. Frontiers in Microbiology, 2022, 13, 888343.	1.5	12
113	Not That Close to Mommy: Horizontal Transmission Seeds the Microbiome Associated with the Marine Sponge Plakina cyanorosea. Microorganisms, 2020, 8, 1978.	1.6	11
114	Improved robustness of ex-situ biological methanation for electro-fuel production through the addition of graphene. Renewable and Sustainable Energy Reviews, 2021, 152, 111690.	8.2	11
115	A Novel Erythromycin Resistance Plasmid from Bacillus Sp. Strain HS24, Isolated from the Marine Sponge Haliclona Simulans. PLoS ONE, 2014, 9, e115583.	1.1	11
116	Effect of heterologous expression ofphaG[(R)-3-hydroxyacyl-ACP-CoA transferase] on polyhydroxyalkanoate accumulation from the aromatic hydrocarbon phenylacetic acid inPseudomonasspecies. FEMS Microbiology Letters, 2007, 268, 9-15.	0.7	10
117	Anaerobic digestion performance and microbial community structures in biogas production from whiskey distillers organic by-products. Bioresource Technology Reports, 2020, 12, 100565.	1.5	10
118	An assessment of how the properties of pyrochar and process thermodynamics impact pyrochar mediated microbial chain elongation in steering the production of medium-chain fatty acids towards n-caproate. Bioresource Technology, 2022, 358, 127294.	4.8	10
119	Isolation and characterization of a diverse group of phenylacetic acid degrading microorganisms from pristine soil. Chemosphere, 2005, 61, 965-973.	4.2	9
120	Prevention of ochratoxin A in cereals in Europe. Advances in Experimental Medicine and Biology, 2006, 571, 317-342.	0.8	9
121	Mycotoxins in Cheese. , 2017, , 595-601.		9
122	Peeling the Layers Away: The Genomic Characterization of Bacillus pumilus 64-1, an Isolate With Antimicrobial Activity From the Marine Sponge Plakina cyanorosea (Porifera, Homoscleromorpha). Frontiers in Microbiology, 2020, 11, 592735.	1.5	9
123	Reverse transcription-PCR analysis of the regulation of ethylbenzene dioxygenase gene expression inPseudomonas fluorescensCA-4. FEMS Microbiology Letters, 1998, 166, 171-176.	0.7	8
124	Functional characterization of a StyS sensor kinase reveals distinct domains associated with intracellular and extracellular sensing of styrene inP. putidaCA-3. Bioengineered, 2014, 5, 114-122.	1.4	8
125	Highâ€performance liquid chromatography/electrospray ionisation mass spectrometric characterisation of metabolites produced by Pseudovibrio sp. W64, a marine sponge derived bacterium isolated from Irish waters. Rapid Communications in Mass Spectrometry, 2018, 32, 1737-1745.	0.7	6
126	First identification and characterization of detoxifying plastic-degrading DBP hydrolases in the marine diatom Cylindrotheca closterium. Science of the Total Environment, 2022, 812, 152535.	3.9	6

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127	Marine Sponges â€“ Molecular Biology and Biotechnology. , 2015, , 219-254.		5
128	Phylogenetic analysis of polyketide synthase genes fromAspergillus ochraceus. Mycotoxin Research, 2006, 22, 125-133.	1.3	4
129	Regulation of phenylacetic acid uptake is Ïƒ54 dependent in Pseudomonas putida CA-3. BMC Microbiology, 2011, 11, 229.	1.3	4
130	Dominance of the genus Polaromonas in the microbial ecology of an Intermittently Aerated Sequencing Batch Reactor (IASBR) treating dairy processing wastewater under varying aeration rates. Journal of Dairy Research, 2018, 85, 388-390.	0.7	4
131	Psychrophiles as a Source of Novel Antimicrobials. , 2017, , 527-540.		4
132	Structure-function relationships of the chicken progesterone receptor. Biochemical Society Transactions, 1988, 16, 683-687.	1.6	3
133	Dicarboxylic acid transport and regulation of nitrogen fixation in Rhizobium meliloti. Biochemical Society Transactions, 1990, 18, 359-360.	1.6	3
134	PCR amplification of lignin peroxidase genes in white rot fungi. Biotechnology Letters, 1995, 9, 917-920.	0.5	3
135	Metagenomic strategies for the discovery of novel enzymes with biotechnological application from marine ecosystems. , 2013, , 109-130.		3
136	Genome Sequence of Paracoccus sp. JM45, a Bacterial Strain Isolated from a Marine Sponge with a Dual Quorum Sensing Inhibition Activity. Microbiology Resource Announcements, 2019, 8, .	0.3	3
137	Molecular biology of mycotoxin biosynthesis. , 0, .		3
138	High-resolution 16S biogas upgrading communities: contrasting in situ and ex situ setups. Access Microbiology, 2019, 1, .	0.2	2
139	Draft Genome Sequence of Pseudomonas putida CA-3, a Bacterium Capable of Styrene Degradation and Medium-Chain-Length Polyhydroxyalkanoate Synthesis. Genome Announcements, 2018, 6, .	0.8	1
140	Genomic and in silico protein structural analyses provide insights into marine polysaccharide-degrading enzymes in the sponge-derived Pseudoalteromonas sp. PA2MD11. International Journal of Biological Macromolecules, 2021, 191, 973-995.	3.6	1
141	Decaying Ascophyllum nodosum as a source of algal cell wall degrading enzymes with potential utility in enzyme-assisted extraction technologies. Access Microbiology, 2019, 1, .	0.2	1
142	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
143	Metagenomics as a Tool for Biodiscovery and Enhanced Production of Marine Bioactives. , 2016, , 377-400.		0
144	The Living Soil: Biodiversity and Functions. World Soils Book Series, 2018, , 257-265.	0.1	0

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145	Draft Genome Sequences of Three Pseudomonas fluorescens Strains Isolated from Marine Sponges Harvested off the West Coast of Ireland. Microbiology Resource Announcements, 2020, 9, .	0.3	0
146	Anaerobic Removal of Nitrogen: Nitrate-Dependent Methane Oxidation and Bioelectrochemical Processes. , 2021, , 245-263.		0
147	Marine Invertebrate Animal Metagenomics: Porifera. , 2013, , 1-6.		0
148	Marine Invertebrate Animal Metagenomics: Porifera. , 2015, , 313-319.		0
149	Investigation into the bioactive metabolites of deep sea fungi. Planta Medica, 2015, 81, .	0.7	0
150	Marine Streptomyces spp. isolates with synthetic polyesters-degrading activity. Access Microbiology, 2019, 1, .	0.2	0
151	Metagenomic analysis reveals significant seasonal variations in the epiphytic bacterial communities associated with different parts of the brown seaweed Laminaria digitata. Access Microbiology, 2019, 1, .	0.2	0
152	Polyesterase activities in bacterial isolates from seaweed and sponges, with potential utility in polyethylene terephthalate plastic and nanoparticle hydrolysis. Access Microbiology, 2022, 4, .	0.2	0