

# James E M Stach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1814706/publications.pdf>

Version: 2024-02-01

35  
papers

2,841  
citations

257450

24  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine actinobacteria: new opportunities for natural product search and discovery. Trends in Microbiology, 2007, 15, 491-499.	7.7	349
2	New primers for the class Actinobacteria: application to marine and terrestrial environments. Environmental Microbiology, 2003, 5, 828-841.	3.8	301
3	Diversity of actinomycetes isolated from Challenger Deep sediment (10,898m) from the Mariana Trench. Extremophiles, 2006, 10, 181-189.	2.3	232
4	Diversity of cultivable actinobacteria in geographically widespread marine sediments. Antonie Van Leeuwenhoek, 2005, 87, 11-18.	1.7	172
5	PCR-SSCP comparison of 16S rDNA sequence diversity in soil DNA obtained using different isolation and purification methods. FEMS Microbiology Ecology, 2001, 36, 139-151.	2.7	171
6	Marine actinobacteria: perspectives, challenges, future directions. Antonie Van Leeuwenhoek, 2005, 87, 65-79.	1.7	170
7	Statistical Approaches for Estimating Actinobacterial Diversity in Marine Sediments. Applied and Environmental Microbiology, 2003, 69, 6189-6200.	3.1	168
8	Caboxamycin, a new antibiotic of the benzoxazole family produced by the deep-sea strain Streptomyces sp. NTK 937. Journal of Antibiotics, 2009, 62, 99-104.	2.0	165
9	The Catalytic Mechanism of a Natural Diels-Alderase Revealed in Molecular Detail. Journal of the American Chemical Society, 2016, 138, 6095-6098.	13.7	146
10	Estimating and comparing the diversity of marine actinobacteria. Antonie Van Leeuwenhoek, 2005, 87, 3-9.	1.7	109
11	Enrichment versus biofilm culture: a functional and phylogenetic comparison of polycyclic aromatic hydrocarbon-degrading microbial communities. Environmental Microbiology, 2002, 4, 169-182.	3.8	81
12	Role of SbmA in the Uptake of Peptide Nucleic Acid (PNA)-Peptide Conjugates in <i>E. coli</i> . ACS Chemical Biology, 2013, 8, 360-367.	3.4	76
13	Species-Selective Killing of Bacteria by Antimicrobial Peptide-PNAs. PLoS ONE, 2014, 9, e89082.	2.5	70
14	Abyssoicin Biosynthesis: Formation of an Unusual Polyketide, Antibiotic Feeding Studies and Genetic Analysis. ChemBioChem, 2011, 12, 1401-1410.	2.6	66
15	Verrucosipora maris sp. nov., a novel deep-sea actinomycete isolated from a marine sediment which produces abyssoicins. Antonie Van Leeuwenhoek, 2012, 101, 185-193.	1.7	63
16	Species richness and phylogenetic diversity comparisons of soil microbial communities affected by nickel-mining and revegetation efforts in New Caledonia. European Journal of Soil Biology, 2007, 43, 130-139.	3.2	61
17	Williamsia maris sp. nov., a novel actinomycete isolated from the Sea of Japan. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 191-194.	1.7	51
18	Gephyromycin, the first bridged angucyclinone, from Streptomyces griseus strain NTK 14. Phytochemistry, 2005, 66, 1366-1373.	2.9	42

#	ARTICLE	IF	CITATIONS
19	Genetic and phenotypic evidence for <i>Streptomyces griseus</i> ecovars isolated from a beach and dune sand system. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 63-74.	1.7	41
20	Synthetic RNA Silencing in Bacteria ? Antimicrobial Discovery and Resistance Breaking. <i>Frontiers in Microbiology</i> , 2011, 2, 185.	3.5	41
21	Targeted search for actinomycetes from nearshore and deep-sea marine sediments. <i>FEMS Microbiology Ecology</i> , 2013, 84, 510-518.	2.7	35
22	<i>Dactylosporangium luridum</i> sp. nov., <i>Dactylosporangium luteum</i> sp. nov. and <i>Dactylosporangium salmoneum</i> sp. nov., nom. rev., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1813-1823.	1.7	30
23	Characterisation of micromonosporae from aquatic environments using molecular taxonomic methods. <i>Antonie Van Leeuwenhoek</i> , 2008, 94, 289-298.	1.7	25
24	<i>Verrucosipora fiedleri</i> sp. nov., an actinomycete isolated from a fjord sediment which synthesizes proximicins. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 493-502.	1.7	25
25	A New <i>Micromonospora</i> Strain with Antibiotic Activity Isolated from the Microbiome of a Mid-Atlantic Deep-Sea Sponge. <i>Marine Drugs</i> , 2021, 19, 105.	4.6	25
26	Computer-assisted numerical analysis of colour-group data for dereplication of streptomycetes for bioprospecting and ecological purposes. <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 231-239.	1.7	24
27	Genome Sequence of the Abyssomicin- and Proximicin-Producing Marine Actinomycete <i>Verrucosipora maris</i> AB-18-032. <i>Journal of Bacteriology</i> , 2011, 193, 3391-3392.	2.2	24
28	Synthetic RNA Silencing of Actinorhodin Biosynthesis in <i>Streptomyces coelicolor</i> A3(2). <i>PLoS ONE</i> , 2013, 8, e67509.	2.5	18
29	An Esterase-like Lyase Catalyzes Acetate Elimination in Spirotetronate/Spirotetramate Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2305-2309.	13.8	12
30	PCR-SSCP comparison of 16S rDNA sequence diversity in soil DNA obtained using different isolation and purification methods. <i>FEMS Microbiology Ecology</i> , 2001, 36, 139-151.	2.7	10
31	An Esterase-like Lyase Catalyzes Acetate Elimination in Spirotetronate/Spirotetramate Biosynthesis. <i>Angewandte Chemie</i> , 2019, 131, 2327-2331.	2.0	6
32	Out of the Abyss: Genome and Metagenome Mining Reveals Unexpected Environmental Distribution of Abyssomicins. <i>Frontiers in Microbiology</i> , 2020, 11, 645.	3.5	6
33	A Natural Diels-Alder Biocatalyst Enables Efficient [4+2] Cycloaddition Under Harsh Reaction Conditions. <i>ChemCatChem</i> , 2019, 11, 5027-5031.	3.7	5
34	An Overview of Biodiversity-Estimating the Scale. , 0, , 15-28.		4
35	Cloning, expression, and purification of intact polyketide synthase modules. <i>Methods in Enzymology</i> , 2019, 617, 63-82.	1.0	3