

Andreas Schramm

List of Publications by Year in descending order

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146
papers

10,337
citations

44069

48
h-index

37204

96
g-index

155
all docs

155
docs citations

155
times ranked

9971
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dissimilatory nitrate reduction by a freshwater cable bacterium. ISME Journal, 2022, 16, 50-57. | 9.8 | 21 |
| 2 | Spatial separation of ribosomes and DNA in Asgard archaeal cells. ISME Journal, 2022, 16, 606-610. | 9.8 | 17 |
| 3 | Temporal and spatial microbiome dynamics across natural populations of the social spider <i>Stegodyphus dumicola</i> . FEMS Microbiology Ecology, 2022, 98, . | 2.7 | 7 |
| 4 | Biogeochemical functioning of the Baltic Sea. Earth System Dynamics, 2022, 13, 633-685. | 7.1 | 22 |
| 5 | Host Plant Availability and Nest-Site Selection of the Social Spider <i>Stegodyphus dumicola</i> Pocock, 1898 (Eresidae). Insects, 2022, 13, 30. | 2.2 | 5 |
| 6 | Metabolite Profiling of the Social Spider <i>Stegodyphus dumicola</i> Along a Climate Gradient. Frontiers in Ecology and Evolution, 2022, 10, . | 2.2 | 1 |
| 7 | Tracing long-distance electron transfer and cable bacteria in freshwater sediments by agar pillar gradient columns. FEMS Microbiology Ecology, 2022, 98, . | 2.7 | 4 |
| 8 | Triculamin: An Unusual Lasso Peptide with Potent Antimycobacterial Activity. Journal of Natural Products, 2022, 85, 1514-1521. | 3.0 | 7 |
| 9 | Intracellular nitrate storage by diatoms can be an important nitrogen pool in freshwater and marine ecosystems. Communications Earth & Environment, 2022, 3, . | 6.8 | 11 |
| 10 | Oxygen consumption of individual cable bacteria. Science Advances, 2021, 7, . | 10.3 | 28 |
| 11 | An antimicrobial <i>Staphylococcus sciuri</i> with broad temperature and salt spectrum isolated from the surface of the African social spider, <i>Stegodyphus dumicola</i> . Antonie Van Leeuwenhoek, 2021, 114, 325-335. | 1.7 | 2 |
| 12 | Cable bacteria at oxygen-releasing roots of aquatic plants: a widespread and diverse plant-microbe association. New Phytologist, 2021, 232, 2138-2151. | 7.3 | 32 |
| 13 | The bacterial and fungal nest microbiomes in populations of the social spider <i>Stegodyphus dumicola</i> . Systematic and Applied Microbiology, 2021, 44, 126222. | 2.8 | 12 |
| 14 | Antimicrobial Compounds in the Volatilome of Social Spider Communities. Frontiers in Microbiology, 2021, 12, 700693. | 3.5 | 15 |
| 15 | How to grow your cable bacteria: Establishment of a stable single-strain culture in sediment and proposal of <i>Candidatus Electronema aureum</i> GS. Systematic and Applied Microbiology, 2021, 44, 126236. | 2.8 | 16 |
| 16 | <i>Phyllobacterium calauticae</i> sp. nov. isolated from a microaerophilic veil transversed by cable bacteria in freshwater sediment. Antonie Van Leeuwenhoek, 2021, 114, 1877-1887. | 1.7 | 8 |
| 17 | The importance of environmental microbes for <i>Drosophila melanogaster</i> during seasonal macronutrient variability. Scientific Reports, 2021, 11, 18850. | 3.3 | 5 |
| 18 | Pili for nanowires. Nature Microbiology, 2021, 6, 1347-1348. | 13.3 | 8 |

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|----|--|------|-----------|
| 19 | The myth of antibiotic spider silk. <i>IScience</i> , 2021, 24, 103125. | 4.1 | 6 |
| 20 | Microbiomes and Specific Symbionts of Social Spiders: Compositional Patterns in Host Species, Populations, and Nests. <i>Frontiers in Microbiology</i> , 2020, 11, 1845. | 3.5 | 20 |
| 21 | Electrogenic sulfide oxidation mediated by cable bacteria stimulates sulfate reduction in freshwater sediments. <i>ISME Journal</i> , 2020, 14, 1233-1246. | 9.8 | 41 |
| 22 | On the evolution and physiology of cable bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19116-19125. | 7.1 | 127 |
| 23 | Single-cell amplified genomes of two uncultivated members of the deltaproteobacterial SEEP-SRB1 clade, isolated from marine sediment. <i>Marine Genomics</i> , 2019, 46, 66-69. | 1.1 | 14 |
| 24 | Draft Genome Sequence of <i>Bacillus subtilis</i> SB-14, an Antimicrobially Active Isolate from Namibian Social Spiders (<i>Stegodyphus dumicola</i>). <i>Microbiology Resource Announcements</i> , 2019, 8, . | 0.6 | 0 |
| 25 | Marine Deep Biosphere Microbial Communities Assemble in Near-Surface Sediments in Aarhus Bay. <i>Frontiers in Microbiology</i> , 2019, 10, 758. | 3.5 | 54 |
| 26 | Microalgae-bacteria symbiosis in microalgal growth and biofuel production: a review. <i>Journal of Applied Microbiology</i> , 2019, 126, 359-368. | 3.1 | 186 |
| 27 | Genomic insights into the <i>Agromyces</i> -like symbiont of earthworms and its distribution among host species. <i>FEMS Microbiology Ecology</i> , 2018, 94, . | 2.7 | 9 |
| 28 | Distinct effects of the nephridial symbionts <i>Verminephrobacter</i> and <i>Candidatus Nephrothrix</i> on reproduction and maturation of its earthworm host <i>Eisenia andrei</i> . <i>FEMS Microbiology Ecology</i> , 2018, 94, . | 2.7 | 16 |
| 29 | Gene expression of terminal oxidases in two marine bacterial strains exposed to nanomolar oxygen concentrations. <i>FEMS Microbiology Ecology</i> , 2018, 94, . | 2.7 | 12 |
| 30 | Male spiders control offspring sex ratio through greater production of female-determining sperm. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172887. | 2.6 | 15 |
| 31 | Single-Cell Genomics Reveals a Diverse Metabolic Potential of Uncultivated <i>Desulfatiglans</i> -Related Deltaproteobacteria Widely Distributed in Marine Sediment. <i>Frontiers in Microbiology</i> , 2018, 9, 2038. | 3.5 | 69 |
| 32 | Intracellular nitrate in sediments of an oxygen-deficient marine basin is linked to pelagic diatoms. <i>FEMS Microbiology Ecology</i> , 2018, 94, . | 2.7 | 3 |
| 33 | Transient bottom water oxygenation creates a niche for cable bacteria in long-term anoxic sediments of the Eastern Gotland Basin. <i>Environmental Microbiology</i> , 2018, 20, 3031-3041. | 3.8 | 37 |
| 34 | Long-distance electron transport in individual, living cable bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5786-5791. | 7.1 | 104 |
| 35 | Mitigating N ₂ O emissions from clover residues by 3,4-dimethylpyrazole phosphate (DMPP) without adverse effects on the earthworm <i>Lumbricus terrestris</i> . <i>Soil Biology and Biochemistry</i> , 2017, 104, 95-107. | 8.8 | 29 |
| 36 | Asgard archaea illuminate the origin of eukaryotic cellular complexity. <i>Nature</i> , 2017, 541, 353-358. | 27.8 | 882 |

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|----|--|-----|-----------|
| 37 | High quality draft genome sequence of <i>Janthinobacterium psychrotolerans</i> sp. nov., isolated from a frozen freshwater pond. <i>Standards in Genomic Sciences</i> , 2017, 12, 8. | 1.5 | 28 |
| 38 | Microbial community assembly and evolution in subseafloor sediment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2940-2945. | 7.1 | 194 |
| 39 | The novel bacterial phylum <i>Calditrichaeota</i> is diverse, widespread and abundant in marine sediments and has the capacity to degrade detrital proteins. <i>Environmental Microbiology Reports</i> , 2017, 9, 397-403. | 2.4 | 39 |
| 40 | Biparental transmission of <i>Verminephrobacter</i> symbionts in the earthworm <i>Aporrectodea tuberculata</i> (Lumbricidae). <i>FEMS Microbiology Ecology</i> , 2017, 93, . | 2.7 | 10 |
| 41 | Depth Distribution and Assembly of Sulfate-Reducing Microbial Communities in Marine Sediments of Aarhus Bay. <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 3.1 | 53 |
| 42 | Disguised as a Sulfate Reducer: Growth of the Deltaproteobacterium <i>Desulfurivibrio alkaliphilus</i> by Sulfide Oxidation with Nitrate. <i>MBio</i> , 2017, 8, . | 4.1 | 122 |
| 43 | Visualizing the dental biofilm matrix by means of fluorescence lectin-binding analysis. <i>Journal of Oral Microbiology</i> , 2017, 9, 1345581. | 2.7 | 19 |
| 44 | Microbial N Transformations and N ₂ O Emission after Simulated Grassland Cultivation: Effects of the Nitrification Inhibitor 3,4-Dimethylpyrazole Phosphate (DMPP). <i>Applied and Environmental Microbiology</i> , 2017, 83, . | 3.1 | 52 |
| 45 | Microbial community diversity and composition varies with habitat characteristics and biofilm function in macrophyte-rich streams. <i>Oikos</i> , 2017, 126, 398-409. | 2.7 | 30 |
| 46 | A Novel Extracellular Gut Symbiont in the Marine Worm <i>Priapulus caudatus</i> (Priapulida) Reveals an Alphaproteobacterial Symbiont Clade of the Ecdysozoa. <i>Frontiers in Microbiology</i> , 2016, 7, 539. | 3.5 | 19 |
| 47 | <i>Endozoicomonas</i> Are Specific, Facultative Symbionts of Sea Squirts. <i>Frontiers in Microbiology</i> , 2016, 7, 1042. | 3.5 | 43 |
| 48 | Direct Nitrous Oxide Emission from the Aquacultured Pacific White Shrimp (<i>Litopenaeus vannamei</i>). <i>Applied and Environmental Microbiology</i> , 2016, 82, 4028-4034. | 3.1 | 20 |
| 49 | 3,4-Dimethylpyrazole phosphate (DMPP) reduces activity of ammonia oxidizers without adverse effects on non-target soil microorganisms and functions. <i>Applied Soil Ecology</i> , 2016, 105, 67-75. | 4.3 | 46 |
| 50 | Single-Cell Genome and Group-Specific <i>dsrAB</i> Sequencing Implicate Marine Members of the Class <i>Dehalococcoidia</i> (Phylum <i>Chloroflexi</i>) in Sulfur Cycling. <i>MBio</i> , 2016, 7, . | 4.1 | 78 |
| 51 | Motility of Electric Cable Bacteria. <i>Applied and Environmental Microbiology</i> , 2016, 82, 3816-3821. | 3.1 | 46 |
| 52 | A taxonomic framework for cable bacteria and proposal of the candidate genera <i>Electrothrix</i> and <i>Electronema</i> . <i>Systematic and Applied Microbiology</i> , 2016, 39, 297-306. | 2.8 | 151 |
| 53 | Description of <i>Endozoicomonas ascidiicola</i> sp. nov., isolated from Scandinavian ascidians. <i>Systematic and Applied Microbiology</i> , 2016, 39, 313-318. | 2.8 | 27 |
| 54 | Earthworm ecology affects the population structure of their <i>Verminephrobacter</i> symbionts. <i>Systematic and Applied Microbiology</i> , 2016, 39, 170-172. | 2.8 | 3 |

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|----|--|------|-----------|
| 55 | Respiratory Kinetics of Marine Bacteria Exposed to Decreasing Oxygen Concentrations. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1412-1422. | 3.1 | 21 |
| 56 | Evolution of the tripartite symbiosis between earthworms, <i>Verminephrobacter</i> and <i>Flexibacter</i> -like bacteria. <i>Frontiers in Microbiology</i> , 2015, 6, 529. | 3.5 | 15 |
| 57 | Draft genome sequence of <i>Bacillus azotoformans</i> MEV2011, a (Co-) denitrifying strain unable to grow with oxygen. <i>Standards in Genomic Sciences</i> , 2015, 10, 4. | 1.5 | 4 |
| 58 | Ammonia-oxidizing Bacteria of the Nitrospira cluster 1 dominate over ammonia-oxidizing Archaea in oligotrophic surface sediments near the South Atlantic Gyre. <i>Environmental Microbiology Reports</i> , 2015, 7, 404-413. | 2.4 | 22 |
| 59 | Cable Bacteria in Freshwater Sediments. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6003-6011. | 3.1 | 112 |
| 60 | Cable bacteria associated with long-distance electron transport in N ₂ O-enriched salt marsh sediment. <i>Environmental Microbiology Reports</i> , 2015, 7, 175-179. | 2.4 | 63 |
| 61 | The earthworm-Verminephrobacter symbiosis: an emerging experimental system to study extracellular symbiosis. <i>Frontiers in Microbiology</i> , 2014, 5, 128. | 3.5 | 23 |
| 62 | Chironomus plumosus larvae increase fluxes of denitrification products and diversity of nitrate-reducing bacteria in freshwater sediment. <i>Systematic and Applied Microbiology</i> , 2014, 37, 51-59. | 2.8 | 29 |
| 63 | Genome sequencing of a single cell of the widely distributed marine subsurface <i>Dehalococcoidia</i> phylum <i>Chloroflexi</i> . <i>ISME Journal</i> , 2014, 8, 383-397. | 9.8 | 172 |
| 64 | Succession of cable bacteria and electric currents in marine sediment. <i>ISME Journal</i> , 2014, 8, 1314-1322. | 9.8 | 134 |
| 65 | Electric coupling between distant nitrate reduction and sulfide oxidation in marine sediment. <i>ISME Journal</i> , 2014, 8, 1682-1690. | 9.8 | 115 |
| 66 | Draft genome sequence of <i>Bacillus azotoformans</i> MEV2011, a (Co-) denitrifying strain unable to grow with oxygen. <i>Standards in Genomic Sciences</i> , 2014, 9, 23. | 1.5 | 4 |
| 67 | Shell biofilm-associated nitrous oxide production in marine molluscs: processes, precursors and relative importance. <i>Environmental Microbiology</i> , 2013, 15, 1943-1955. | 3.8 | 51 |
| 68 | Predominant archaea in marine sediments degrade detrital proteins. <i>Nature</i> , 2013, 496, 215-218. | 27.8 | 526 |
| 69 | Extracellular DNA in adhesion and biofilm formation of four environmental isolates: a quantitative study. <i>FEMS Microbiology Ecology</i> , 2013, 86, 394-403. | 2.7 | 86 |
| 70 | Methylophilic methanogenic Thermoplasmata implicated in reduced methane emissions from bovine rumen. <i>Nature Communications</i> , 2013, 4, 1428. | 12.8 | 328 |
| 71 | Seasonal Methane Oxidation Potential in Manure Crusts. <i>Applied and Environmental Microbiology</i> , 2013, 79, 407-410. | 3.1 | 18 |
| 72 | Shell Biofilm Nitrification and Gut Denitrification Contribute to Emission of Nitrous Oxide by the Invasive Freshwater Mussel <i>Dreissena polymorpha</i> (Zebra Mussel). <i>Applied and Environmental Microbiology</i> , 2012, 78, 4505-4509. | 3.1 | 42 |

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|----|--|------|-----------|
| 73 | Purifying Selection and Molecular Adaptation in the Genome of <i>Verminephrobacter</i> , the Heritable Symbiotic Bacteria of Earthworms. <i>Genome Biology and Evolution</i> , 2012, 4, 307-315. | 2.5 | 25 |
| 74 | Filamentous bacteria transport electrons over centimetre distances. <i>Nature</i> , 2012, 491, 218-221. | 27.8 | 475 |
| 75 | Fluorescence in situ hybridization (FISH) detection of nitrite reductase transcripts (<i>nirS</i> mRNA) in <i>Pseudomonas stutzeri</i> biofilms relative to a microscale oxygen gradient. <i>Systematic and Applied Microbiology</i> , 2012, 35, 513-517. | 2.8 | 17 |
| 76 | Higher nitrate-reducer diversity in macrophyte-colonized compared to unvegetated freshwater sediment. <i>Systematic and Applied Microbiology</i> , 2012, 35, 465-472. | 2.8 | 21 |
| 77 | Succession of <i>Deferribacteres</i> and <i>Epsilonproteobacteria</i> through a nitrate-treated high-temperature oil production facility. <i>Systematic and Applied Microbiology</i> , 2012, 35, 165-174. | 2.8 | 46 |
| 78 | <i>Verminephrobacter aporrectodeae</i> sp. nov. subsp. <i>tuberculatae</i> and subsp. <i>caliginosae</i> , the specific nephridial symbionts of the earthworms <i>Aporrectodea tuberculata</i> and <i>A. caliginosa</i> . <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 507-514. | 1.7 | 15 |
| 79 | Biofilm retention on surfaces with variable roughness and hydrophobicity. <i>Biofouling</i> , 2011, 27, 111-121. | 2.2 | 52 |
| 80 | Process optimization by decoupled control of key microbial populations: Distribution of activity and abundance of polyphosphate-accumulating organisms and nitrifying populations in a full-scale IFAS-EBPR plant. <i>Water Research</i> , 2011, 45, 3845-3854. | 11.3 | 80 |
| 81 | Bacterial community structure of a full-scale biofilter treating pig house exhaust air. <i>Systematic and Applied Microbiology</i> , 2011, 34, 344-352. | 2.8 | 32 |
| 82 | <i>Defluviimonas denitrificans</i> gen. nov., sp. nov., and <i>Pararhodobacter aggregans</i> gen. nov., sp. nov., non-phototrophic <i>Rhodobacteraceae</i> from the biofilter of a marine aquaculture. <i>Systematic and Applied Microbiology</i> , 2011, 34, 498-502. | 2.8 | 90 |
| 83 | Dynamic microbial response of sulfidogenic wastewater biofilm to nitrate. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1647-1657. | 3.6 | 36 |
| 84 | Diversity and host specificity of the <i>Verminephrobacter</i> "earthworm symbiosis. <i>Environmental Microbiology</i> , 2010, 12, 2142-2151. | 3.8 | 32 |
| 85 | Two Types of Endosymbiotic Bacteria in the Enigmatic Marine Worm <i>Xenoturbella bocki</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 2657-2662. | 3.1 | 16 |
| 86 | In vitro production of necrotic enteritis toxin B, NetB, by netB-positive and netB-negative <i>Clostridium perfringens</i> originating from healthy and diseased broiler chickens. <i>Veterinary Microbiology</i> , 2010, 144, 231-235. | 1.9 | 59 |
| 87 | Effect of nitrate on sulfur transformations in sulfidogenic sludge of a marine aquaculture biofilter. <i>FEMS Microbiology Ecology</i> , 2010, 72, 476-484. | 2.7 | 16 |
| 88 | Regulation of nitrous oxide emission associated with benthic invertebrates. <i>Freshwater Biology</i> , 2010, 55, 1647-1657. | 2.4 | 16 |
| 89 | Detection of denitrification genes by <i>in situ</i> rolling circle amplification-fluorescence <i>in situ</i> hybridization to link metabolic potential with identity inside bacterial cells. <i>Environmental Microbiology</i> , 2010, 12, 2508-2517. | 3.8 | 24 |
| 90 | Control of nitrous oxide emission from <i>Chironomus plumosus</i> larvae by nitrate and temperature. <i>Limnology and Oceanography</i> , 2010, 55, 872-884. | 3.1 | 16 |

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|-----|---|-----|-----------|
| 91 | Oxygen Distribution and Potential Ammonia Oxidation in Floating, Liquid Manure Crusts. Journal of Environmental Quality, 2010, 39, 1813-1820. | 2.0 | 38 |
| 92 | Beneficial Effect of <i>Verminephrobacter</i> Nephridial Symbionts on the Fitness of the Earthworm <i>Aporrectodea tuberculata</i> . Applied and Environmental Microbiology, 2010, 76, 4738-4743. | 3.1 | 25 |
| 93 | The effect of feeding a commercial essential oil product on <i>Clostridium perfringens</i> numbers in the intestine of broiler chickens measured by real-time PCR targeting the ϵ -toxin-encoding gene (<i>plc</i>). Animal Feed Science and Technology, 2010, 157, 181-189. | 2.2 | 19 |
| 94 | Nitrous oxide production associated with coastal marine invertebrates. Marine Ecology - Progress Series, 2010, 415, 1-9. | 1.9 | 42 |
| 95 | Control of nitrous oxide emission from <i>Chironomus plumosus</i> larvae by nitrate and temperature. Limnology and Oceanography, 2010, 55, 872-884. | 3.1 | 10 |
| 96 | Functional and structural response of ammonia and VOC converting biofilm to variations in air loading and water management. , 2010, , 109-109. | | 0 |
| 97 | Regulation of ammonia oxidation in biotrickling air filters. , 2010, , 111-112. | | 0 |
| 98 | Greenhouse Gas Microbiology in Wet and Dry Straw Crust Covering Pig Slurry. Journal of Environmental Quality, 2009, 38, 1311-1319. | 2.0 | 36 |
| 99 | Effect of Lake Trophic Status and Rooted Macrophytes on Community Composition and Abundance of Ammonia-Oxidizing Prokaryotes in Freshwater Sediments. Applied and Environmental Microbiology, 2009, 75, 3127-3136. | 3.1 | 151 |
| 100 | Nitrous oxide emission by aquatic macrofauna. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4296-4300. | 7.1 | 88 |
| 101 | Distribution and Rate of Microbial Processes in an Ammonia-Loaded Air Filter Biofilm. Applied and Environmental Microbiology, 2009, 75, 3705-3713. | 3.1 | 47 |
| 102 | Detection and persistence of fecal Bacteroidales as water quality indicators in unchlorinated drinking water. Systematic and Applied Microbiology, 2009, 32, 362-370. | 2.8 | 12 |
| 103 | Sequence variation in the ϵ -toxin encoding <i>plc</i> gene of <i>Clostridium perfringens</i> strains isolated from diseased and healthy chickens. Veterinary Microbiology, 2009, 136, 293-299. | 1.9 | 13 |
| 104 | Dynamics of <i>plc</i> gene transcription and ϵ -toxin production during growth of <i>Clostridium perfringens</i> strains with contrasting ϵ -toxin production. Veterinary Microbiology, 2009, 139, 202-206. | 1.9 | 7 |
| 105 | Prokaryotic Community Structure and Sulfate Reducer Activity in Water from High-Temperature Oil Reservoirs with and without Nitrate Treatment. Applied and Environmental Microbiology, 2009, 75, 7086-7096. | 3.1 | 177 |
| 106 | Nitrosomonas Nm143-like ammonia oxidizers and Nitrospira marina-like nitrite oxidizers dominate the nitrifier community in a marine aquaculture biofilm. FEMS Microbiology Ecology, 2008, 63, 192-204. | 2.7 | 127 |
| 107 | <i>Archaea</i> Dominate the Ammonia-Oxidizing Community in the Rhizosphere of the Freshwater Macrophyte <i>Littorella uniflora</i> . Applied and Environmental Microbiology, 2008, 74, 3279-3283. | 3.1 | 167 |
| 108 | KINETICS AND NITRIFYING POPULATIONS IN NITROGEN REMOVAL PROCESSES AT A FULL-SCALE INTEGRATED FIXED-FILM ACTIVATED SLUDGE (IFAS) PLANT. Proceedings of the Water Environment Federation, 2007, 2007, 3099-3119. | 0.0 | 13 |

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|-----|---|-----|-----------|
| 109 | Nitrifying Community Analysis in a Single Submerged Attached-Growth Bioreactor for Treatment of High-Ammonia Waste Stream. <i>Water Environment Research</i> , 2007, 79, 2510-2518. | 2.7 | 10 |
| 110 | TREATMENT OF HIGH-AMMONIA WASTE STREAM USING A SINGLE SUBMERGED ATTACHED GROWTH BIOREACTOR - PERFORMANCE AND NITRIFYING COMMUNITY ANALYSIS. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 437-454. | 0.0 | 1 |
| 111 | <i>Geminicoccus roseus</i> gen. nov., sp. nov., an aerobic phototrophic Alphaproteobacterium isolated from a marine aquaculture biofilter. <i>Systematic and Applied Microbiology</i> , 2007, 30, 581-586. | 2.8 | 36 |
| 112 | Nitrous Oxide Reductase Genes (<i>nosZ</i>) of Denitrifying Microbial Populations in Soil and the Earthworm Gut Are Phylogenetically Similar. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1019-1026. | 3.1 | 100 |
| 113 | Earthworm Gut Microbial Biomes: Their Importance to Soil Microorganisms, Denitrification, and the Terrestrial Production of the Greenhouse Gas N ₂ O. , 2006, , 65-87. | | 25 |
| 114 | Microsensors for the Study of Microenvironments and Processes in the Intestine of Invertebrates. , 2006, , 463-473. | | 5 |
| 115 | Nitrogen transformations in stratified aquatic microbial ecosystems. <i>Antonie Van Leeuwenhoek</i> , 2006, 90, 361-375. | 1.7 | 46 |
| 116 | Ant-mediated effects on spruce litter decomposition, solution chemistry, and microbial activity. <i>Soil Biology and Biochemistry</i> , 2006, 38, 561-572. | 8.8 | 39 |
| 117 | <i>Dechloromonas denitrificans</i> sp. nov., <i>Flavobacterium denitrificans</i> sp. nov., <i>Paenibacillus anaericanus</i> sp. nov. and <i>Paenibacillus terrae</i> strain MH72, N ₂ O-producing bacteria isolated from the gut of the earthworm <i>Aporrectodea caliginosa</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1255-1265. | 1.7 | 222 |
| 118 | Identification of Bacteria Potentially Responsible for Oxidic and Anoxic Sulfide Oxidation in Biofilters of a Recirculating Mariculture System. <i>Applied and Environmental Microbiology</i> , 2005, 71, 6134-6141. | 3.1 | 70 |
| 119 | Flow Cytometry-Assisted Cloning of Specific Sequence Motifs from Complex 16S rRNA Gene Libraries. <i>Applied and Environmental Microbiology</i> , 2004, 70, 7550-7554. | 3.1 | 12 |
| 120 | <i>Lactovum miscens</i> gen. nov., sp. nov., an aerotolerant, psychrotolerant, mixed-fermentative anaerobe from acidic forest soil. <i>Research in Microbiology</i> , 2004, 155, 847-854. | 2.1 | 22 |
| 121 | Temporal variation of nitrification rates in experimental freshwater sediments enriched with ammonia or nitrite. <i>FEMS Microbiology Ecology</i> , 2003, 46, 63-71. | 2.7 | 20 |
| 122 | Acidovorax-like symbionts in the nephridia of earthworms. <i>Environmental Microbiology</i> , 2003, 5, 804-809. | 3.8 | 63 |
| 123 | In situ distribution and activity of nitrifying bacteria in freshwater sediment. <i>Environmental Microbiology</i> , 2003, 5, 798-803. | 3.8 | 117 |
| 124 | Hydrogenotrophic Methanogenesis by Moderately Acid-Tolerant Methanogens of a Methane-Emitting Acidic Peat. <i>Applied and Environmental Microbiology</i> , 2003, 69, 74-83. | 3.1 | 251 |
| 125 | In Situ Analysis of Structure and Activity of the Nitrifying Community in Biofilms, Aggregates, and Sediments. <i>Geomicrobiology Journal</i> , 2003, 20, 313-333. | 2.0 | 47 |
| 126 | N ₂ O-Producing Microorganisms in the Gut of the Earthworm <i>Aporrectodea caliginosa</i> Are Indicative of Ingested Soil Bacteria. <i>Applied and Environmental Microbiology</i> , 2003, 69, 1655-1661. | 3.1 | 90 |

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|-----|---|------|-----------|
| 127 | The Earthworm Gut: an Ideal Habitat for Ingested N ₂ O-Producing Microorganisms. Applied and Environmental Microbiology, 2003, 69, 1662-1669. | 3.1 | 235 |
| 128 | Tolerance and Metabolic Response of Acetogenic Bacteria toward Oxygen. Applied and Environmental Microbiology, 2002, 68, 1005-1009. | 3.1 | 102 |
| 129 | Simultaneous P and N removal in a sequencing batch biofilm reactor: insights from reactor- and microscale investigations. Water Research, 2002, 36, 501-509. | 11.3 | 114 |
| 130 | Fluorescence in situ hybridization of 16S rRNA gene clones (Clone-FISH) for probe validation and screening of clone libraries. Environmental Microbiology, 2002, 4, 713-720. | 3.8 | 113 |
| 131 | Title is missing!. Hydrobiologia, 2002, 469, 165-178. | 2.0 | 12 |
| 132 | Community Structure and Activity Dynamics of Nitrifying Bacteria in a Phosphate-Removing Biofilm. Applied and Environmental Microbiology, 2001, 67, 1351-1362. | 3.1 | 297 |
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