

# Pedro E LeÃ£o

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

584  
citations

567144

15  
h-index

752573

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Magnetotactic Bacteria, Magnetosomes and Magnetosome Crystals in Biotechnology and Nanotechnology: Mini-Review. <i>Molecules</i> , 2018, 23, 2438.	1.7	114
2	Broadcast Spawning Coral <i>Mussismilia hispida</i> Can Vertically Transfer its Associated Bacterial Core. <i>Frontiers in Microbiology</i> , 2017, 8, 176.	1.5	81
3	Extracellular vesicles and vesicle-free secretome of the protozoa <i>Acanthamoeba castellanii</i> under homeostasis and nutritional stress and their damaging potential to host cells. <i>Virulence</i> , 2018, 9, 818-836.	1.8	68
4	Optimization of Magnetosome Production and Growth by the Magnetotactic <i>Vibrio Magnetovibrio blakemorei</i> Strain MV-1 through a Statistics-Based Experimental Design. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2823-2827.	1.4	36
5	Culture-independent characterization of novel psychrophilic magnetotactic cocci from Antarctic marine sediments. <i>Environmental Microbiology</i> , 2016, 18, 4426-4441.	1.8	35
6	Genome-Based Metabolic Reconstruction of a Novel Uncultivated Freshwater Magnetotactic coccus <i>Magnetaquicoccus inordinatus</i> UR-1, and Proposal of a Candidate Family <i>Magnetaquicocaceae</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2290.	1.5	33
7	Uptake and persistence of bacterial magnetite magnetosomes in a mammalian cell line: Implications for medical and biotechnological applications. <i>PLoS ONE</i> , 2019, 14, e0215657.	1.1	24
8	Ultrastructure of ellipsoidal magnetotactic multicellular prokaryotes depicts their complex assemblage and cellular polarity in the context of magnetotaxis. <i>Environmental Microbiology</i> , 2017, 19, 2151-2163.	1.8	22
9	Cell Adhesion, Multicellular Morphology, and Magnetosome Distribution in the Multicellular Magnetotactic Prokaryote <i>Candidatus Magnetoglobus multicellularis</i> . <i>Microscopy and Microanalysis</i> , 2013, 19, 535-543.	0.2	21
10	Magnetosome magnetite biomineralization in a flagellated protist: evidence for an early evolutionary origin for magnetoreception in eukaryotes. <i>Environmental Microbiology</i> , 2020, 22, 1495-1506.	1.8	21
11	North-Seeking Magnetotactic Gammaproteobacteria in the Southern Hemisphere. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5595-5602.	1.4	19
12	Culture-independent characterization of a novel magnetotactic member affiliated to the <i>Beta</i> class of the <i>Proteobacteria</i> phylum from an acidic lagoon. <i>Environmental Microbiology</i> , 2018, 20, 2615-2624.	1.8	19
13	Combined genomic and structural analyses of a cultured magnetotactic bacterium reveals its niche adaptation to a dynamic environment. <i>BMC Genomics</i> , 2016, 17, 726.	1.2	18
14	Genomes of six viruses that infect Asgard archaea from deep-sea sediments. <i>Nature Microbiology</i> , 2022, 7, 953-961.	5.9	17
15	Biodiversity of Magnetotactic Bacteria in the Freshwater Lake Beloe Bordukovskoe, Russia. <i>Microbiology</i> , 2020, 89, 348-358.	0.5	15
16	The swimming orientation of multicellular magnetotactic prokaryotes and uncultured magnetotactic cocci in magnetic fields similar to the geomagnetic field reveals differences in magnetotaxis between them. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 197-209.	0.7	7
17	X-ray Absorption Spectroscopy and Magnetism of Synthetic Greigite and Greigite Magnetosomes in Magnetotactic Bacteria. <i>Geomicrobiology Journal</i> , 2018, 35, 215-226.	1.0	6
18	Insight on thermal stability of magnetite magnetosomes: implications for the fossil record and biotechnology. <i>Scientific Reports</i> , 2020, 10, 6706.	1.6	6

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19	Association of magnetotactic multicellular prokaryotes with <i>Pseudoalteromonas</i> species in a natural lagoon environment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2213-2223.	0.7	4
20	Magnetotaxis <i>act</i> ., 2018, , .		1