

Ramona Valentina Mateiu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

924
citations

516561

16
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

1486
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascade catalysis in membranes with enzyme immobilization for multi-enzymatic conversion of CO ₂ to methanol. <i>New Biotechnology</i> , 2015, 32, 319-327.	2.4	114
2	Soldering of Nanotubes onto Microelectrodes. <i>Nano Letters</i> , 2003, 3, 47-49.	4.5	110
3	Use of Electrohydrodynamic Processing for Encapsulation of Sensitive Bioactive Compounds and Applications in Food. <i>Annual Review of Food Science and Technology</i> , 2018, 9, 525-549.	5.1	105
4	Novel Aggregative Adherence Fimbria Variant of Enterogaagregative Escherichia coli. <i>Infection and Immunity</i> , 2015, 83, 1396-1405.	1.0	77
5	Peptoids successfully inhibit the growth of gram negative E. coli causing substantial membrane damage. <i>Scientific Reports</i> , 2017, 7, 42332.	1.6	70
6	Development of carbohydrate-based nano-microstructures loaded with fish oil by using electrohydrodynamic processing. <i>Food Hydrocolloids</i> , 2017, 69, 273-285.	5.6	58
7	Functionalization of a Membrane Sublayer Using Reverse Filtration of Enzymes and Dopamine Coating. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22894-22904.	4.0	54
8	Internal Porosity of Mineral Coating Supports Microbial Activity in Rapid Sand Filters for Groundwater Treatment. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7010-7020.	1.4	40
9	An approach to a multi-walled carbon nanotube based mass sensor. <i>Microelectronic Engineering</i> , 2004, 73-74, 670-674.	1.1	34
10	Insulin fibrillation: The influence and coordination of Zn ²⁺ . <i>Journal of Structural Biology</i> , 2017, 199, 27-38.	1.3	34
11	Building a multi-walled carbon nanotube-based mass sensor with the atomic force microscope. <i>Ultramicroscopy</i> , 2005, 105, 233-237.	0.8	31
12	Starch Granule Re-Structuring by Starch Branching Enzyme and Glucan Water Dikinase Modulation Affects Caryopsis Physiology and Metabolism. <i>PLoS ONE</i> , 2016, 11, e0149613.	1.1	30
13	Reliability of poly 3,4-ethylenedioxythiophene strain gauge. <i>Microelectronic Engineering</i> , 2007, 84, 1270-1273.	1.1	26
14	Improved in vitro evaluation of novel antimicrobials: potential synergy between human plasma and antibacterial peptidomimetics, AMPs and antibiotics against human pathogenic bacteria. <i>Research in Microbiology</i> , 2016, 167, 72-82.	1.0	24
15	<i>Photobacterium galatheae</i> sp. nov., a bioactive bacterium isolated from a mussel in the Solomon Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4503-4507.	0.8	24
16	<i>Phaeobacter piscinae</i> sp. nov., a species of the Roseobacter group and potential aquaculture probiont. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4559-4564.	0.8	20
17	In Situ Formation of a Biocatalytic Alginate Membrane by Enhanced Concentration Polarization. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17682-17691.	4.0	16
18	Tropodithietic acid induces oxidative stress response, cell envelope biogenesis and iron uptake in <i>Vibrio vulnificus</i> . <i>Environmental Microbiology Reports</i> , 2019, 11, 581-588.	1.0	12

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19	Quenching of TiO ₂ photo catalysis by silver nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 230, 10-14.	2.0	11
20	Gold Nanoparticle-Based Sensors Activated by External Radio Frequency Fields. Small, 2015, 11, 248-256.	5.2	9
21	Vibrio galathea sp. nov., a member of the family Vibrionaceae isolated from a mussel. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 347-352.	0.8	9
22	Nanoscale soldering of positioned carbon nanotubes using highly conductive electron beam induced gold deposition. , 0, , .		5
23	Electrical breakdown phenomena of dielectric elastomers. Proceedings of SPIE, 2017, , .	0.8	2
24	Soldering of Carbon Nanotube Bridges using Electron Beam Deposited Gold. Materials Research Society Symposia Proceedings, 2003, 772, 481.	0.1	1
25	Batch fabrication of nanotubes suspended between microelectrodes. Microelectronic Engineering, 2007, 84, 1431-1435.	1.1	1