

Manja Vogel

List of Publications by Year in descending order

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15
papers

274
citations

1478505

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1058476

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all docs

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docs citations

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times ranked

392
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nested Formation of Calcium Carbonate Polymorphs in a Bacterial Surface Membrane with a Graded Nanoconfinement: An Evolutionary Strategy to Ensure Bacterial Survival. ACS Biomaterials Science and Engineering, 2022, 8, 526-539. | 5.2 | 6 |
| 2 | Sorption of europium on diatom biosilica as model of a "green" sorbent for f-elements. Applied Geochemistry, 2021, 126, 104823. | 3.0 | 10 |
| 3 | Detecting Bacterial Cell Viability in Few μ L Solutions from Impedance Measurements on Silicon-Based Biochips. International Journal of Molecular Sciences, 2021, 22, 3541. | 4.1 | 1 |
| 4 | Spatially resolved Eu(III) environments by chemical microscopy. Analyst, The, 2021, 146, 6741-6745. | 3.5 | 7 |
| 5 | Disturbing-Free Determination of Yeast Concentration in DI Water and in Glucose Using Impedance Biochips. Biosensors, 2020, 10, 7. | 4.7 | 4 |
| 6 | P-N Junction-Based Si Biochips with Ring Electrodes for Novel Biosensing Applications. Biosensors, 2019, 9, 120. | 4.7 | 5 |
| 7 | Removal and recovery of uranium(VI) by waste digested activated sludge in fed-batch stirred tank reactor. Water Research, 2018, 142, 167-175. | 11.3 | 42 |
| 8 | S-Layer-Based Nanocomposites for Industrial Applications. Advances in Experimental Medicine and Biology, 2016, 940, 245-279. | 1.6 | 8 |
| 9 | S-layer proteins as an immobilization matrix for aptamers on different sensor surfaces. Engineering in Life Sciences, 2015, 15, 710-720. | 3.6 | 9 |
| 10 | Synthesis of S-Layer Conjugates and Evaluation of Their Modifiability as a Tool for the Functionalization and Patterning of Technical Surfaces. Molecules, 2015, 20, 9847-9861. | 3.8 | 6 |
| 11 | Long-term activity of biohybrid coatings of atrazine-degrading bacteria Pseudomonas sp. ADP. RSC Advances, 2014, 4, 19970-19979. | 3.6 | 7 |
| 12 | S-layer proteins as possible immobilization matrix for photocatalysts "OH radical scavenging capacity and protein stability. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 277, 12-18. | 3.9 | 6 |
| 13 | Biosorption of U(VI) by the green algae Chlorella vulgaris in dependence of pH value and cell activity. Science of the Total Environment, 2010, 409, 384-395. | 8.0 | 124 |
| 14 | Interaction of the mechanism-based inactivator acetylene with ammonia monooxygenase of Nitrosomonas europaea. Microbiology (United Kingdom), 2009, 155, 279-284. | 1.8 | 37 |
| 15 | Use of Specific Metal Binding of Self-Assembling S-Layer Proteins for Metal Bioremediation and Recycling. Solid State Phenomena, 0, 262, 389-393. | 0.3 | 2 |