

Manja Vogel

List of Publications by Year in descending order

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15
papers

274
citations

1478505

6
h-index

1058476

14
g-index

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all docs

15
docs citations

15
times ranked

392
citing authors

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