

Martin Rabe

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Membrane Interactions of Fusogenic Coiled-Coil Peptides: Implications for Lipopeptide Mediated Vesicle Fusion. <i>Langmuir</i> , 2014, 30, 7724-7735. | 1.6 | 46 |
| 2 | A Coiled-Coil Peptide Shaping Lipid Bilayers upon Fusion. <i>Biophysical Journal</i> , 2016, 111, 2162-2175. | 0.2 | 36 |
| 3 | Alkaline manganese electrochemistry studied by <i>in situ</i> and <i>operando</i> spectroscopic methods – metal dissolution, oxide formation and oxygen evolution. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10457-10469. | 1.3 | 32 |
| 4 | Influence of pegylation on peptide-mediated liposome fusion. <i>Journal of Materials Chemistry</i> , 2011, 21, 18927. | 6.7 | 31 |
| 5 | Interplay between Lipid Interaction and Homo-coiling of Membrane-Tethered Coiled-Coil Peptides. <i>Langmuir</i> , 2015, 31, 9953-9964. | 1.6 | 30 |
| 6 | Self-Assembly of the Toll-Like Receptor Agonist Macrophage-Activating Lipopeptide MALP-2 and of Its Constituent Peptide. <i>Biomacromolecules</i> , 2016, 17, 631-640. | 2.6 | 23 |
| 7 | Selective coordination of three transition metal ions within a coiled-coil peptide scaffold. <i>Chemical Science</i> , 2019, 10, 7456-7465. | 3.7 | 23 |
| 8 | Albumin displacement at the air–water interface by Tween (Polysorbate) surfactants. <i>European Biophysics Journal</i> , 2020, 49, 533-547. | 1.2 | 18 |
| 9 | Limiting Current Density of Oxygen Reduction under Ultrathin Electrolyte Layers: From the Micrometer Range to Monolayers. <i>ChemElectroChem</i> , 2021, 8, 712-718. | 1.7 | 15 |
| 10 | Determination of oligomeric states of peptide complexes using thermal unfolding curves. <i>Biopolymers</i> , 2015, 104, 65-72. | 1.2 | 11 |
| 11 | On the Role of Trigger Signal Spreading Velocity for Efficient Self-Healing Coatings for Corrosion Protection. <i>Journal of the Electrochemical Society</i> , 2018, 165, C1017-C1027. | 1.3 | 11 |
| 12 | Vibrational spectroscopic study of pH dependent solvation at a Ge(100)-water interface during an electrode potential triggered surface termination transition. <i>Journal of Chemical Physics</i> , 2018, 148, 222824. | 1.2 | 10 |
| 13 | Binding of a Ruthenium Complex to a Thioether Ligand Embedded in a Negatively Charged Lipid Bilayer: A Two-Step Mechanism. <i>Chemistry - A European Journal</i> , 2014, 20, 7429-7438. | 1.7 | 9 |
| 14 | Influence of Membrane–Fusogen Distance on the Secondary Structure of Fusogenic Coiled Coil Peptides. <i>Langmuir</i> , 2019, 35, 5501-5508. | 1.6 | 4 |
| 15 | Spectram: A MATLAB® and GNU Octave Toolbox for Transition Model Guided Deconvolution of Dynamic Spectroscopic Data. <i>Journal of Open Research Software</i> , 2020, 8, 13. | 2.7 | 3 |
| 16 | Controlling amphipathic peptide adsorption by smart switchable germanium interfaces. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4809-4819. | 1.3 | 2 |
| 17 | Time-dependent water uptake in a polymer model coating visualized by FTIR microscopy using a focal plane array detector. , 2016, , . | | 0 |