

Martin Rabe

List of Publications by Year in descending order

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840776

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449
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Interactions of Fusogenic Coiled-Coil Peptides: Implications for Lipopeptide Mediated Vesicle Fusion. <i>Langmuir</i> , 2014, 30, 7724-7735.	3.5	46
2	A Coiled-Coil Peptide Shaping Lipid Bilayers upon Fusion. <i>Biophysical Journal</i> , 2016, 111, 2162-2175.	0.5	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.	2.8	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.	3.5	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.	5.4	23
7	Selective coordination of three transition metal ions within a coiled-coil peptide scaffold. <i>Chemical Science</i> , 2019, 10, 7456-7465.	7.4	23
8	Albumin displacement at the air–water interface by Tween (Polysorbate) surfactants. <i>European Biophysics Journal</i> , 2020, 49, 533-547.	2.2	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.	3.4	15
10	Determination of oligomeric states of peptide complexes using thermal unfolding curves. <i>Biopolymers</i> , 2015, 104, 65-72.	2.4	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.	2.9	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.	3.0	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.	3.3	9
14	Influence of Membrane–Fusogen Distance on the Secondary Structure of Fusogenic Coiled Coil Peptides. <i>Langmuir</i> , 2019, 35, 5501-5508.	3.5	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.	5.9	3
16	Controlling amphipathic peptide adsorption by smart switchable germanium interfaces. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4809-4819.	2.8	2
17	Time-dependent water uptake in a polymer model coating visualized by FTIR microscopy using a focal plane array detector. , 2016, , .		0