

J Mieke Kleijn

List of Publications by Year in descending order

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41
papers

1,177
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516561

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docs citations

43
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#	ARTICLE	IF	CITATIONS
1	Charged Polypeptide Tail Boosts the Salt Resistance of Enzyme-Containing Complex Coacervate Micelles. <i>Biomacromolecules</i> , 2022, 23, 1195-1204.	2.6	2
2	Enhanced stability of complex coacervate core micelles following different core-crosslinking strategies. <i>Soft Matter</i> , 2022, , .	1.2	4
3	Structural and mechanical parameters of lipid bilayer membranes using a lattice refined self-consistent field theory. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5152-5175.	1.3	4
4	Formation and ripening of alginate-like exopolymer gel layers during and after membrane filtration. <i>Water Research</i> , 2021, 195, 116959.	5.3	10
5	Electrode Surface Potential-Driven Protein Adsorption and Desorption through Modulation of Electrostatic, van der Waals, and Hydration Interactions. <i>Langmuir</i> , 2021, 37, 6549-6555.	1.6	19
6	Effect of enzymatic cross-linking of naringenin-loaded β -casein micelles on their release properties and fate in in vitro digestion. <i>Food Chemistry</i> , 2021, 352, 129400.	4.2	14
7	Self-consistent field modeling of mesomorphic phase changes of monoolein and phospholipids in response to additives. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14093-14108.	1.3	4
8	Rheological characterisation of alginate-like exopolymer gels crosslinked with calcium. <i>Water Research</i> , 2021, 207, 117835.	5.3	4
9	Virtual Special Issue in memory of Hans Lyklema (1930â€“2017). <i>Advances in Colloid and Interface Science</i> , 2020, 282, 102201.	7.0	0
10	Step-wise linking of vesicles by combining reversible and irreversible linkers â€“ towards total control on vesicle aggregate sizes. <i>Soft Matter</i> , 2020, 16, 6773-6783.	1.2	2
11	Balancing Enzyme Encapsulation Efficiency and Stability in Complex Coacervate Core Micelles. <i>Langmuir</i> , 2020, 36, 8494-8502.	1.6	15
12	Self-limiting aggregation of phospholipid vesicles. <i>Soft Matter</i> , 2020, 16, 2379-2389.	1.2	11
13	3D biofilm visualization and quantification on granular bioanodes with magnetic resonance imaging. <i>Water Research</i> , 2019, 167, 115059.	5.3	17
14	One-step mild biorefinery of functional biomolecules from microalgae extracts. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 182-187.	1.9	19
15	A Hybrid Monte Carlo Self-Consistent Field Model of Physical Gels of Telechelic Polymers. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 6532-6543.	2.3	6
16	An acidic model pro-peptide affects the secondary structure, membrane interactions and antimicrobial activity of a crotalidicin fragment. <i>Scientific Reports</i> , 2018, 8, 11127.	1.6	10
17	The toxicity of plastic nanoparticles to green algae as influenced by surface modification, medium hardness and cellular adsorption. <i>Aquatic Toxicology</i> , 2017, 183, 11-20.	1.9	298
18	Complex coacervates formed across liquid interfaces: A self-consistent field analysis. <i>Advances in Colloid and Interface Science</i> , 2017, 239, 17-30.	7.0	5

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19	Colorful Packages: Encapsulation of Fluorescent Proteins in Complex Coacervate Core Micelles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1557.	1.8	11
20	Nanoparticle-Templated Formation and Growth Mechanism of Curved Protein Polymer Fibrils. <i>Biomacromolecules</i> , 2016, 17, 2392-2398.	2.6	2
21	Complex Coacervate Core Micelles with Spectroscopic Labels for Diffusometric Probing of Biopolymer Networks. <i>Langmuir</i> , 2015, 31, 12635-12643.	1.6	15
22	Characterisation of algal organic matter produced by bloom-forming marine and freshwater algae. <i>Water Research</i> , 2015, 73, 216-230.	5.3	200
23	On the edge energy of lipid membranes and the thermodynamic stability of pores. <i>Journal of Chemical Physics</i> , 2015, 142, 034101.	1.2	17
24	Competition between surface adsorption and folding of fibril-forming polypeptides. <i>Physical Review E</i> , 2015, 91, 022711.	0.8	7
25	Encapsulation of GFP in Complex Coacervate Core Micelles. <i>Biomacromolecules</i> , 2015, 16, 1542-1549.	2.6	53
26	Linking lipid architecture to bilayer structure and mechanics using self-consistent field modelling. <i>Journal of Chemical Physics</i> , 2014, 140, 065102.	1.2	19
27	Electroactive behavior assessment of poly(acrylic acid)-graphene oxide composite hydrogel in the detection of cadmium. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	10
28	Ultrastrong Anchoring Yet Barrier-Free Adsorption of Composite Microgels at Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300121.	1.9	54
29	Coverage and Disruption of Phospholipid Membranes by Oxide Nanoparticles. <i>Langmuir</i> , 2014, 30, 14581-14590.	1.6	32
30	Ternary Fluid Mixture Confined between Surfaces: Surface-induced Phase Transition and Long-range Oscillatory Forces. <i>Chemistry Letters</i> , 2012, 41, 1113-1115.	0.7	0
31	Interaction of Silica Nanoparticles with Phospholipid Membranes. <i>Chemistry Letters</i> , 2012, 41, 1322-1324.	0.7	10
32	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel. <i>Soft Matter</i> , 2011, 7, 10377.	1.2	37
33	Monitoring the development of a microbial electrolysis cell bioanode using an electrochemical quartz crystal microbalance. <i>Bioelectrochemistry</i> , 2010, 79, 272-275.	2.4	9
34	Molecular modeling of proteinlike inclusions in lipid bilayers: Lipid-mediated interactions. <i>Physical Review E</i> , 2010, 81, 021915.	0.8	13
35	Charge-driven and reversible assembly of ultra-dense polymer brushes: formation and antifouling properties of a zipper brush. <i>Soft Matter</i> , 2010, 6, 2499.	1.2	23
36	Bending Moduli and Spontaneous Curvature of the Monolayer in a Surfactant Bilayer. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14251-14256.	1.2	13

#	ARTICLE	IF	CITATIONS
37	Adsorption of Charged Macromolecules at a Gold Electrode. Langmuir, 2004, 20, 9703-9713.	1.6	34
38	Molecular Modelling of Biological Membranes: Structure and Permeation Properties. , 2004, , 15-111.		1
39	Double Layer of a Gold Electrode Probed by AFM Force Measurements. Langmuir, 2003, 19, 1133-1139.	1.6	79
40	Adsorption of a linear polyelectrolyte on a gold electrode. Physical Chemistry Chemical Physics, 2003, 5, 4258.	1.3	24
41	Amphifunctionally Electrified Interfaces:Â Coupling of Electronic and Ionic Surface-Charging Processes. Langmuir, 2001, 17, 7573-7581.	1.6	70