

# J Mieke Kleijn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3208861/publications.pdf>

Version: 2024-02-01

41  
papers

1,177  
citations

516561

16  
h-index

377752

34  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1943  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Characterisation of algal organic matter produced by bloom-forming marine and freshwater algae. <i>Water Research</i> , 2015, 73, 216-230.	5.3	200
3	Double Layer of a Gold Electrode Probed by AFM Force Measurements. <i>Langmuir</i> , 2003, 19, 1133-1139.	1.6	79
4	Amphifunctionally Electrified Interfaces: Coupling of Electronic and Ionic Surface-Charging Processes. <i>Langmuir</i> , 2001, 17, 7573-7581.	1.6	70
5	Ultrastrong Anchoring Yet Barrier-Free Adsorption of Composite Microgels at Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300121.	1.9	54
6	Encapsulation of GFP in Complex Coacervate Core Micelles. <i>Biomacromolecules</i> , 2015, 16, 1542-1549.	2.6	53
7	Uptake and release kinetics of lysozyme in and from an oxidized starch polymer microgel. <i>Soft Matter</i> , 2011, 7, 10377.	1.2	37
8	Adsorption of Charged Macromolecules at a Gold Electrode. <i>Langmuir</i> , 2004, 20, 9703-9713.	1.6	34
9	Coverage and Disruption of Phospholipid Membranes by Oxide Nanoparticles. <i>Langmuir</i> , 2014, 30, 14581-14590.	1.6	32
10	Adsorption of a linear polyelectrolyte on a gold electrode. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4258.	1.3	24
11	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
12	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
13	One-step mild biorefinery of functional biomolecules from microalgae extracts. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 182-187.	1.9	19
14	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
15	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
16	3D biofilm visualization and quantification on granular bioanodes with magnetic resonance imaging. <i>Water Research</i> , 2019, 167, 115059.	5.3	17
17	Complex Coacervate Core Micelles with Spectroscopic Labels for Diffusometric Probing of Biopolymer Networks. <i>Langmuir</i> , 2015, 31, 12635-12643.	1.6	15
18	Balancing Enzyme Encapsulation Efficiency and Stability in Complex Coacervate Core Micelles. <i>Langmuir</i> , 2020, 36, 8494-8502.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Effect of enzymatic cross-linking of naringenin-loaded $\beta$ -casein micelles on their release properties and fate in in vitro digestion. <i>Food Chemistry</i> , 2021, 352, 129400.	4.2	14
20	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
21	Molecular modeling of proteinlike inclusions in lipid bilayers: Lipid-mediated interactions. <i>Physical Review E</i> , 2010, 81, 021915.	0.8	13
22	Colorful Packages: Encapsulation of Fluorescent Proteins in Complex Coacervate Core Micelles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1557.	1.8	11
23	Self-limiting aggregation of phospholipid vesicles. <i>Soft Matter</i> , 2020, 16, 2379-2389.	1.2	11
24	Interaction of Silica Nanoparticles with Phospholipid Membranes. <i>Chemistry Letters</i> , 2012, 41, 1322-1324.	0.7	10
25	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
26	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
27	Formation and ripening of alginate-like exopolymer gel layers during and after membrane filtration. <i>Water Research</i> , 2021, 195, 116959.	5.3	10
28	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
29	Competition between surface adsorption and folding of fibril-forming polypeptides. <i>Physical Review E</i> , 2015, 91, 022711.	0.8	7
30	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
31	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
32	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
33	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
34	Rheological characterisation of alginate-like exopolymer gels crosslinked with calcium. <i>Water Research</i> , 2021, 207, 117835.	5.3	4
35	Enhanced stability of complex coacervate core micelles following different core-crosslinking strategies. <i>Soft Matter</i> , 2022, , .	1.2	4
36	Nanoparticle-Templated Formation and Growth Mechanism of Curved Protein Polymer Fibrils. <i>Biomacromolecules</i> , 2016, 17, 2392-2398.	2.6	2

#	ARTICLE	IF	CITATIONS
37	Step-wise linking of vesicles by combining reversible and irreversible linkers “ towards total control on vesicle aggregate sizes. <i>Soft Matter</i> , 2020, 16, 6773-6783.	1.2	2
38	Charged Polypeptide Tail Boosts the Salt Resistance of Enzyme-Containing Complex Coacervate Micelles. <i>Biomacromolecules</i> , 2022, 23, 1195-1204.	2.6	2
39	Molecular Modelling of Biological Membranes: Structure and Permeation Properties. , 2004, , 15-111.		1
40	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
41	Virtual Special Issue in memory of Hans Lyklema (1930“2017). <i>Advances in Colloid and Interface Science</i> , 2020, 282, 102201.	7.0	0