

Ann Junghans

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

353
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Analysis of Tethered Bilayer Lipid Membranes. <i>Langmuir</i> , 2010, 26, 11035-11040.	3.5	66
2	Impact of xanthan gum, sucrose and fructose on the viscoelastic properties of agarose hydrogels. <i>Food Hydrocolloids</i> , 2012, 29, 298-307.	10.7	44
3	Soybean Oleosomes Behavior at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10832-10841.	2.6	36
4	Analysis of biosurfaces by neutron reflectometry: From simple to complex interfaces. <i>Biointerphases</i> , 2015, 10, 019014.	1.6	32
5	Soy milk oleosome behaviour at the air-water interface. <i>Faraday Discussions</i> , 2012, 158, 157.	3.2	25
6	Probing Protein-Membrane Interactions Using Solid Supported Membranes. <i>Langmuir</i> , 2011, 27, 2709-2716.	3.5	22
7	Neutron reflectometry characterization of PEI-PSS polyelectrolyte multilayers for cell culture. <i>Soft Matter</i> , 2012, 8, 11484.	2.7	20
8	Polyelectrolyte multilayers as a platform for pH-responsive lipid bilayers. <i>Soft Matter</i> , 2013, 9, 8938.	2.7	17
9	Neutron reflectometry studies of aluminum-saline water interface under hydrostatic pressure. <i>Corrosion Science</i> , 2015, 90, 101-106.	6.6	17
10	Protein-Lipid Interactions at the Air-Water Interface. <i>Langmuir</i> , 2010, 26, 12049-12053.	3.5	15
11	Influence of the Human and Rat Islet Amyloid Polypeptides on Structure of Phospholipid Bilayers: Neutron Reflectometry and Fluorescence Microscopy Studies. <i>Langmuir</i> , 2016, 32, 4382-4391.	3.5	11
12	Vacuum laser acceleration of super-ponderomotive electrons using relativistic transparency injection. <i>Nature Communications</i> , 2022, 13, 54.	12.8	11
13	Effects of Fluid Shear Stress on Polyelectrolyte Multilayers by Neutron Scattering Studies. <i>Langmuir</i> , 2015, 31, 2870-2878.	3.5	8
14	Understanding dynamic changes in live cell adhesion with neutron reflectometry. <i>Modern Physics Letters B</i> , 2014, 28, 1430015.	1.9	7
15	Tuning endothelial monolayer adhesion: a neutron reflectivity study. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L1-L9.	2.9	7
16	Membrane-Based Sensing Approaches. <i>Australian Journal of Chemistry</i> , 2011, 64, 54.	0.9	6
17	High-yield and high-angular-fluence neutron generation from deuterons accelerated by laser-driven collisionless shock. <i>Applied Physics Letters</i> , 2022, 120, 024102.	3.3	5
18	Reversible Lifting of Surface Supported Lipid Bilayers with a Membrane-Spanning Nonionic Triblock Copolymer. <i>Biomacromolecules</i> , 2017, 18, 1097-1107.	5.4	3

#	ARTICLE	IF	CITATIONS
19	Neutron reflectometry in biological applications. Neutron News, 2013, 24, 33-36.	0.2	1
20	High-Yield and High-Angular-Fluence Neutron Generation from Deuterons Accelerated by Laser-Driven Collisionless Shock. , 2022, , .		0
21	Vacuum Laser Acceleration of Super-ponderomotive Electrons Using Relativistic Transparency Injection. , 2022, , .		0