Ann Junghans

List of Publications by Year
in descending order

21	353	840776 11	794594 19
papers	citations	h-index	g-index

21	21	21	525
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vacuum laser acceleration of super-ponderomotive electrons using relativistic transparency injection. Nature Communications, 2022, 13, 54.	12.8	11
2	High-yield and high-angular-fluence neutron generation from deuterons accelerated by laser-driven collisionless shock. Applied Physics Letters, 2022, 120, 024102.	3.3	5
3	High-Yield and High-Angular-Fluence Neutron Generation from Deuterons Accelerated by Laser-Driven Collisionless Shock. , 2022, , .		0
4	Vacuum Laser Acceleration of Super-ponderomotive Electrons Using Relativistic Transparency Injection. , 2022, , .		0
5	Reversible Lifting of Surface Supported Lipid Bilayers with a Membrane-Spanning Nonionic Triblock Copolymer. Biomacromolecules, 2017, 18, 1097-1107.	5.4	3
6	Influence of the Human and Rat Islet Amyloid Polypeptides on Structure of Phospholipid Bilayers: Neutron Reflectometry and Fluorescence Microscopy Studies. Langmuir, 2016, 32, 4382-4391.	3.5	11
7	Effects of Fluid Shear Stress on Polyelectrolyte Multilayers by Neutron Scattering Studies. Langmuir, 2015, 31, 2870-2878.	3.5	8
8	Analysis of biosurfaces by neutron reflectometry: From simple to complex interfaces. Biointerphases, 2015, 10, 019014.	1.6	32
9	Neutron reflectometry studies of aluminumâ€“saline water interface under hydrostatic pressure. Corrosion Science, 2015, 90, 101-106.	6.6	17
10	Understanding dynamic changes in live cell adhesion with neutron reflectometry. Modern Physics Letters B, 2014, 28, 1430015.	1.9	7
11	Tuning endothelial monolayer adhesion: a neutron reflectivity study. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1-L9.	2.9	7
12	Polyelectrolyte multilayers as a platform for pH-responsive lipid bilayers. Soft Matter, 2013, 9, 8938.	2.7	17
13	Neutron reflectometry in biological applications. Neutron News, 2013, 24, 33-36.	0.2	1
14	Soy milk oleosome behaviour at the airâ€“water interface. Faraday Discussions, 2012, 158, 157.	3.2	25
15	Neutron reflectometry characterization of PEIâ€“PSS polyelectrolyte multilayers for cell culture. Soft Matter, 2012, 8, 11484.	2.7	20
16	Soybean Oleosomes Behavior at the Airâ€“Water Interface. Journal of Physical Chemistry B, 2012, 116, 10832-10841.	2.6	36
17	Impact of xanthan gum, sucrose and fructose on the viscoelastic properties of agarose hydrogels. Food Hydrocolloids, 2012, 29, 298-307.	10.7	44
18	Probing Proteinâˆ'Membrane Interactions Using Solid Supported Membranes. Langmuir, 2011, 27, 2709-2716.	3.5	22

#	Article	IF	Citations
19	Membrane-Based Sensing Approaches. Australian Journal of Chemistry, 2011, 64, 54.	0.9	6
20	Proteinâ˜'Lipid Interactions at the Airâ˜'Water Interface. Langmuir, 2010, 26, 12049-12053.	3.5	15
21	Structural Analysis of Tethered Bilayer Lipid Membranes. Langmuir, 2010, 26, 11035-11040.	3.5	66