Joshua A Jackman

List of Publications by Year
in descending order

149	5,575	66343	102487
papers	citations	42 h-index	66 g-index

153	153	153	6490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lipid coating technology: A potential solution to address the problem of sticky containers and vanishing drugs. View, 2022, 3, 20200078.	5.3	15
2	Antiviral peptide engineering for targeting membrane-enveloped viruses: Recent progress and future directions. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183821.	2.6	8
3	Supported Lipid Bilayer Platform for Characterizing the Membrane-Disruptive Behaviors of Triton X-100 and Potential Detergent Replacements. International Journal of Molecular Sciences, 2022, 23, 869.	4.1	7
4	Multivalency-Induced Shape Deformation of Nanoscale Lipid Vesicles: Size-Dependent Membrane Bending Effects. Journal of Physical Chemistry Letters, 2022, 13, 1480-1488.	4.6	5
5	Streamlined Fabrication of Hybrid Lipid Bilayer Membranes on Titanium Oxide Surfaces: A Comparison of One- and Two-Tail SAM Molecules. Nanomaterials, 2022, 12, 1153.	4.1	6
6	Inkjet-Printed Phospholipid Bilayers on Titanium Oxide Surfaces: Towards Functional Membrane Biointerfaces. Membranes, 2022, 12, 361.	3.0	7
7	Effect of Membrane Curvature Nanoarchitectonics on Membrane-Disruptive Interactions of Antimicrobial Lipids and Surfactants. Langmuir, 2022, 38, 4606-4616.	3.5	10
8	On/off switching of lipid bicelle adsorption on titanium oxide controlled by sub-monolayer molecular surface functionalization. Applied Materials Today, 2022, 27, 101444.	4.3	5
9	Mechanistic Evaluation of Antimicrobial Lipid Interactions with Tethered Lipid Bilayers by Electrochemical Impedance Spectroscopy. Sensors, 2022, 22, 3712.	3.8	13
10	Lipid Nanoparticle Technologies for Nucleic Acid Delivery: A Nanoarchitectonics Perspective. Advanced Functional Materials, 2022, 32, .	14.9	36
11	Distinct Binding Properties of Neutravidin and Streptavidin Proteins to Biotinylated Supported Lipid Bilayers: Implications for Sensor Functionalization. Sensors, 2022, 22, 5185.	3.8	7
12	Biomimetic Nanomaterial Strategies for Virus Targeting: Antiviral Therapies and Vaccines. Advanced Functional Materials, 2021, 31, 2008352.	14.9	25
13	Bruceantin targets HSP90 to overcome resistance to hormone therapy in castration-resistant prostate cancer. Theranostics, 2021, 11, 958-973.	10.0	29
14	Stopping Membrane-Enveloped Viruses with Nanotechnology Strategies: Toward Antiviral Drug Development and Pandemic Preparedness. ACS Nano, 2021, 15, 125-148.	14.6	46
15	Real-time nanoplasmonic sensing of three-dimensional morphological changes in a supported lipid bilayer and antimicrobial testing applications. Biosensors and Bioelectronics, 2021, 174, 112768.	10.1	13
16	Chemical design principles of next-generation antiviral surface coatings. Chemical Society Reviews, 2021, 50, 9741-9765.	38.1	31
17	Comparing Protein Adsorption onto Alumina and Silica Nanomaterial Surfaces: Clues for Vaccine Adjuvant Development. Langmuir, 2021, 37, 1306-1314.	3.5	14
18	Engineered lipid bicelle nanostructures for membrane-disruptive antibacterial applications. Applied Materials Today, 2021, 22, 100947.	4.3	7

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19	Addressing the digital skills gap for future education. Nature Human Behaviour, 2021, 5, 542-545.	12.0	28
20	Colloidâ€Mediated Fabrication of a 3D Pollen Sponge for Oil Remediation Applications. Advanced Functional Materials, 2021, 31, 2101091.	14.9	28
21	Graphene Oxide Mimics Biological Signaling Cue to Rescue Starving Bacteria. Advanced Functional Materials, 2021, 31, 2102328.	14.9	3
22	An Intrinsically Microâ€Nanostructured Pollen Substrate with Tunable Optical Properties for Optoelectronic Applications. Advanced Materials, 2021, 33, e2100566.	21.0	9
23	Ultrahigh surface sensitivity of deposited gold nanorod arrays for nanoplasmonic biosensing. Applied Materials Today, 2021, 23, 101046.	4.3	6
24	3D Pollen Sponge: Colloidâ€Mediated Fabrication of a 3D Pollen Sponge for Oil Remediation Applications (Adv. Funct. Mater. 24/2021). Advanced Functional Materials, 2021, 31, 2170173.	14.9	2
25	Unraveling How Multivalency Triggers Shape Deformation of Sub-100 nm Lipid Vesicles. Journal of Physical Chemistry Letters, 2021, 12, 6722-6729.	4.6	11
26	Entrepreneurial Talent Building for 21st Century Agricultural Innovation. ACS Nano, 2021, 15, 10748-10758.	14.6	17
27	Solvent-induced conformational tuning of lysozyme protein adlayers on silica surfaces: A QCM-D and LSPR study. International Journal of Biological Macromolecules, 2021, 182, 1906-1914.	7.5	6
28	Cyclodextrin-based Pickering emulsions: functional properties and drug delivery applications. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2021, 101, 31-50.	1.6	15
29	Dynamic remodeling of giant unilamellar vesicles induced by monoglyceride nano-micelles: Insights into supramolecular organization. Applied Materials Today, 2021, 24, 101099.	4.3	5
30	Lipid bilayer coatings for rapid enzyme-linked immunosorbent assay. Applied Materials Today, 2021, 24, 101128.	4.3	5
31	Lipid Nanoparticle Technology for Delivering Biologically Active Fatty Acids and Monoglycerides. International Journal of Molecular Sciences, 2021, 22, 9664.	4.1	18
32	Supported lipid bilayer coatings: Fabrication, bioconjugation, and diagnostic applications. Applied Materials Today, 2021, 25, 101183.	4.3	13
33	Flavonoid Library Screening Reveals Kaempferol as a Potential Antiviral Agent Against African Swine Fever Virus. Frontiers in Microbiology, 2021, 12, 736780.	3.5	22
34	Surface engineering of plasmonic gold nanoisland platforms for high-sensitivity refractometric biosensing applications. Applied Materials Today, 2021, 26, 101280.	4.3	4
35	Disentangling bulk polymers from adsorbed polymers using the quartz crystal microbalance. Applied Materials Today, 2020, 18, 100460.	4.3	3
36	Hydrophobic to superhydrophilic tuning of multifunctional sporopollenin for microcapsule and bio-composite applications. Applied Materials Today, 2020, 18, 100525.	4.3	12

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37	Optimal formation of uniform-phase supported lipid bilayers from phospholipidâ€“monoglyceride bicellar mixtures. Journal of Industrial and Engineering Chemistry, 2020, 88, 285-291.	5.8	9
38	Unraveling How Ethanol-Induced Conformational Changes Affect BSA Protein Adsorption onto Silica Surfaces. Langmuir, 2020, 36, 9215-9224.	3.5	14
39	Medicinal Activities and Nanomedicine Delivery Strategies for Brucea javanica Oil and Its Molecular Components. Molecules, 2020, 25, 5414.	3.8	12
40	Analysis of the initiation of viral infection under flow conditions with applications to transmission in feed. BioSystems, 2020, 196, 104184.	2.0	4
41	Conformational flexibility of fatty acid-free bovine serum albumin proteins enables superior antifouling coatings. Communications Materials, 2020, 1, .	6.9	44
42	Lipid-Bicelle-Coated Microfluidics for Intracellular Delivery with Reduced Fouling. ACS Applied Materials & Interfaces, 2020, 12, 45744-45752.	8.0	15
43	Cloaking Silica Nanoparticles with Functional Protein Coatings for Reduced Complement Activation and Cellular Uptake. ACS Nano, 2020, 14, 11950-11961.	14.6	39
44	Elucidating How Different Amphipathic Stabilizers Affect BSA Protein Conformational Properties and Adsorption Behavior. Langmuir, 2020, 36, 10606-10614.	3.5	13
45	Versatile formation of supported lipid bilayers from bicellar mixtures of phospholipids and capric acid. Scientific Reports, 2020, 10, 13849.	3.3	11
46	Inhibition of African swine fever virus in liquid and feed by medium-chain fatty acids and glycerol monolaurate. Journal of Animal Science and Biotechnology, 2020, 11, 114.	5.3	47
47	pH-Dependent Antibacterial Activity of Glycolic Acid: Implications for Anti-Acne Formulations. Scientific Reports, 2020, 10, 7491.	3.3	13
48	Competing Interactions of Fatty Acids and Monoglycerides Trigger Synergistic Phospholipid Membrane Remodeling. Journal of Physical Chemistry Letters, 2020, 11, 4951-4957.	4.6	22
49	Understanding how natural sequence variation in serum albumin proteins affects conformational stability and protein adsorption. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111194.	5.0	17
50	Unraveling how nanoscale curvature drives formation of lysozyme protein monolayers on inorganic oxide surfaces. Applied Materials Today, 2020, 20, 100729.	4.3	2
51	Scalable Fabrication of Quasi-One-Dimensional Gold Nanoribbons for Plasmonic Sensing. Nano Letters, 2020, 20, 1747-1754.	9.1	19
52	Supported lipid bilayer platform for characterizing the optimization of mixed monoglyceride nano-micelles. Applied Materials Today, 2020, 19, 100598.	4.3	7
53	Lipid Bicelle Micropatterning Using Chemical Lift-Off Lithography. ACS Applied Materials & Interfaces, 2020, 12, 13447-13455.	8.0	13
54	Supported Lipid Bilayer Formation: Beyond Vesicle Fusion. Langmuir, 2020, 36, 1387-1400.	3.5	94

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55	Supported Lipid Bilayer Formation from Phospholipid-Fatty Acid Bicellar Mixtures. Langmuir, 2020, 36, 5021-5029.	3.5	14
56	Medium-chain fatty acids and monoglycerides as feed additives for pig production: towards gut health improvement and feed pathogen mitigation. Journal of Animal Science and Biotechnology, 2020, 11, 44.	5.3	81
57	Comparing the Membrane-Interaction Profiles of Two Antiviral Peptides: Insights into Structureâ€“Function Relationship. Langmuir, 2019, 35, 9934-9943.	3.5	25
58	Influence of NaCl Concentration on Bicelle-Mediated SLB Formation. Langmuir, 2019, 35, 10658-10666.	3.5	25
59	Quantitative accounting of dye leakage and photobleaching in single lipid vesicle measurements: Implications for biomacromolecular interaction analysis. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110338.	5.0	5
60	Surface-Based Nanoplasmonic Sensors for Biointerfacial Science Applications. Bulletin of the Chemical Society of Japan, 2019, 92, 1404-1412.	3.2	40
61	Solvent-assisted preparation of supported lipid bilayers. Nature Protocols, 2019, 14, 2091-2118.	12.0	70
62	In-depth characterization of congenital Zika syndrome in immunocompetent mice: Antibody-dependent enhancement and an antiviral peptide therapy. EBioMedicine, 2019, 44, 516-529.	6.1	27
63	Understanding How Membrane Surface Charge Influences Lipid Bicelle Adsorption onto Oxide Surfaces. Langmuir, 2019, 35, 8436-8444.	3.5	18
64	Modulating conformational stability of human serum albumin and implications for surface passivation applications. Colloids and Surfaces B: Biointerfaces, 2019, 180, 306-312.	5.0	11
65	Micropatterned Viral Membrane Clusters for Antiviral Drug Evaluation. ACS Applied Materials & Interfaces, 2019, 11, 13984-13990.	8.0	7
66	Characterizing the Membrane-Disruptive Behavior of Dodecylglycerol Using Supported Lipid Bilayers. Langmuir, 2019, 35, 3568-3575.	3.5	14
67	Nanoarchitectonicâ€Based Material Platforms for Environmental and Bioprocessing Applications. Chemical Record, 2019, 19, 1891-1912.	5.8	17
68	Targeting the Achilles Heel of Mosquito-Borne Viruses for Antiviral Therapy. ACS Infectious Diseases, 2019, 5, 4-8.	3.8	24
69	Lightâ€Induced Surface Modification of Natural Plant Microparticles: Toward Colloidal Science and Cellular Adhesion Applications. Advanced Functional Materials, 2018, 28, 1707568.	14.9	20
70	Interfacial Forces Dictate the Pathway of Phospholipid Vesicle Adsorption onto Silicon Dioxide Surfaces. Langmuir, 2018, 34, 1775-1782.	3.5	49
71	Effect of Glucose on the Mobility of Membrane-Adhering Liposomes. Langmuir, 2018, 34, 503-511.	3.5	4
72	Functionalized Natural Particles: Lightâ€Induced Surface Modification of Natural Plant Microparticles: Toward Colloidal Science and Cellular Adhesion Applications (Adv. Funct. Mater. 18/2018). Advanced Functional Materials, 2018, 28, 1870120.	14.9	0

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73	Complement activation in vitro and reactogenicity of low-molecular weight dextran-coated SPIONs in the pig CARPA model: Correlation with physicochemical features and clinical information. Journal of Controlled Release, 2018, 270, 268-274.	9.9	36
74	Nanoplasmonic sensors for detecting circulating cancer biomarkers. Advanced Drug Delivery Reviews, 2018, 125, 48-77.	13.7	88
75	A Numerical Study on the Effect of Particle Surface Coverage on the Quartz Crystal Microbalance Response. Analytical Chemistry, 2018, 90, 2238-2245.	6.5	28
76	Nanoplasmonic Ruler for Measuring Separation Distance between Supported Lipid Bilayers and Oxide Surfaces. Analytical Chemistry, 2018, 90, 12503-12511.	6.5	16
77	Characterizing How Acidic pH Conditions Affect the Membrane-Disruptive Activities of Lauric Acid and Glycerol Monolaurate. Langmuir, 2018, 34, 13745-13753.	3.5	27
78	Therapeutic treatment of Zika virus infection using a brain-penetrating antiviral peptide. Nature Materials, 2018, 17, 971-977.	27.5	74
79	Temperature-Induced Denaturation of BSA Protein Molecules for Improved Surface Passivation Coatings. ACS Applied Materials & Interfaces, 2018, 10, 32047-32057.	8.0	77
80	Nanoplasmonic Sensing Architectures for Decoding Membrane Curvature-Dependent Biomacromolecular Interactions. Analytical Chemistry, 2018, 90, 7458-7466.	6.5	16
81	Materials Nanoarchitectonics for Mechanical Tools in Chemical and Biological Sensing. Chemistry - an Asian Journal, 2018, 13, 3366-3377.	3.3	40
82	Antibacterial Free Fatty Acids and Monoglycerides: Biological Activities, Experimental Testing, and Therapeutic Applications. International Journal of Molecular Sciences, 2018, 19, 1114.	4.1	325
83	Quantitative Comparison of Protein Adsorption and Conformational Changes on Dielectric-Coated Nanoplasmonic Sensing Arrays. Sensors, 2018, 18, 1283.	3.8	19
84	Targeting the Achilles Heel of Zika Virus and Other Emerging Viral Pathogens. Advanced Therapeutics, 2018, 1, 1800045.	3.2	3
85	Correlating Membrane Morphological Responses with Micellar Aggregation Behavior of Capric Acid and Monocaprin. Langmuir, 2017, 33, 2750-2759.	3.5	47
86	High-performance, flexible electronic skin sensor incorporating natural microcapsule actuators. Nano Energy, 2017, 36, 38-45.	16.0	160
87	A flexible, ultra-sensitive chemical sensor with 3D biomimetic templating for diabetes-related acetone detection. Journal of Materials Chemistry B, 2017, 5, 4019-4024.	5.8	76
88	Optimizing the Formation of Supported Lipid Bilayers from Bicellar Mixtures. Langmuir, 2017, 33, 5052-5064.	3.5	52
89	Co-assembly of Peptide Amphiphiles and Lipids into Supramolecular Nanostructures Driven by Anionâ^Ï€ Interactions. Journal of the American Chemical Society, 2017, 139, 7823-7830.	13.7	75
90	Probing Spatial Proximity of Supported Lipid Bilayers to Silica Surfaces by Localized Surface Plasmon Resonance Sensing. Analytical Chemistry, 2017, 89, 4301-4308.	6.5	22

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91	Nanoplasmonic sensors for biointerfacial science. Chemical Society Reviews, 2017, 46, 3615-3660.	38.1	195
92	Controlling adsorption and passivation properties of bovine serum albumin on silica surfaces by ionic strength modulation and cross-linking. Physical Chemistry Chemical Physics, 2017, 19, 8854-8865.	2.8	49
93	Investigating how vesicle size influences vesicle adsorption on titanium oxide: a competition between steric packing and shape deformation. Physical Chemistry Chemical Physics, 2017, 19, 2131-2139.	2.8	31
94	Quantitative Profiling of Nanoscale Liposome Deformation by a Localized Surface Plasmon Resonance Sensor. Analytical Chemistry, 2017, 89, 1102-1109.	6.5	52
95	Detection of Amphipathic Viral Peptide on Screen-Printed Electrodes by Liposome Rupture Impact Voltammetry. Analytical Chemistry, 2017, 89, 11753-11757.	6.5	7
96	Quantitative Evaluation of Viral Protein Binding to Phosphoinositide Receptors and Pharmacological Inhibition. Analytical Chemistry, 2017, 89, 9742-9750.	6.5	7
97	Bioinspired Spiky Micromotors Based on Sporopollenin Exine Capsules. Advanced Functional Materials, 2017, 27, 1702338.	14.9	92
98	A model derived from hydrodynamic simulations for extracting the size of spherical particles from the quartz crystal microbalance. Analyst, The, 2017, 142, 3370-3379.	3.5	26
99	Quartz Crystal Microbalance Model for Quantitatively Probing the Deformation of Adsorbed Particles at Low Surface Coverage. Analytical Chemistry, 2017, 89, 11711-11718.	6.5	26
100	Understanding How Sterols Regulate Membrane Remodeling in Supported Lipid Bilayers. Langmuir, 2017, 33, 14756-14765.	3.5	30
101	Indirect Nanoplasmonic Sensing Platform for Monitoring Temperature-Dependent Protein Adsorption. Analytical Chemistry, 2017, 89, 12976-12983.	6.5	36
102	Immobilization Strategies for Functional Complement Convertase Assembly at Lipid Membrane Interfaces. Langmuir, 2017, 33, 7332-7342.	3.5	11
103	Probing the Interaction of Dielectric Nanoparticles with Supported Lipid Membrane Coatings on Nanoplasmonic Arrays. Sensors, 2017, 17, 1484.	3.8	16
104	Nanotechnology Formulations for Antibacterial Free Fatty Acids and Monoglycerides. Molecules, 2016, 21, 305.	3.8	88
105	Plasmonic Nanohole Sensor for Capturing Single Virusâ€Like Particles toward Virucidal Drug Evaluation. Small, 2016, 12, 1159-1166.	10.0	57
106	Nanomedicine for Infectious Disease Applications: Innovation towards Broadâ€Spectrum Treatment of Viral Infections. Small, 2016, 12, 1133-1139.	10.0	52
107	Grapheneâ€Functionalized Natural Microcapsules: Modular Building Blocks for Ultrahigh Sensitivity Bioelectronic Platforms. Advanced Functional Materials, 2016, 26, 2097-2103.	14.9	75
108	Biosensors: Flexible, Graphene-Coated Biocomposite for Highly Sensitive, Real-Time Molecular Detection (Adv. Funct. Mater. 47/2016). Advanced Functional Materials, 2016, 26, 8796-8796.	14.9	0

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109	Influence of Divalent Cations on Deformation and Rupture of Adsorbed Lipid Vesicles. Langmuir, 2016, 32, 6486-6495.	3.5	56
110	Correlating single-molecule and ensemble-average measurements of peptide adsorption onto different inorganic materials. Physical Chemistry Chemical Physics, 2016, 18, 14454-14459.	2.8	14
111	Integration of Quartz Crystal Microbalance-Dissipation and Reflection-Mode Localized Surface Plasmon Resonance Sensors for Biomacromolecular Interaction Analysis. Analytical Chemistry, 2016, 88, 12524-12531.	6.5	46
112	Influence of membrane surface charge on adsorption of complement proteins onto supported lipid bilayers. Colloids and Surfaces B: Biointerfaces, 2016, 148, 270-277.	5.0	14
113	Flexible, Grapheneâ€Coated Biocomposite for Highly Sensitive, Realâ€Time Molecular Detection. Advanced Functional Materials, 2016, 26, 8623-8630.	14.9	116
114	Multifunctional hydrogel nano-probes for atomic force microscopy. Nature Communications, 2016, 7, 11566.	12.8	44
115	Inflated Sporopollenin Exine Capsules Obtained from Thin-Walled Pollen. Scientific Reports, 2016, 6, 28017.	3.3	25
116	High-performance 3D printing of hydrogels by water-dispersible photoinitiator nanoparticles. Science Advances, 2016, 2, e1501381.	10.3	191
117	Stealth Immune Properties of Graphene Oxide Enabled by Surface-Bound Complement Factor H. ACS Nano, 2016, 10, 10161-10172.	14.6	49
118	Nanotechnology Education for the Global World: Training the Leaders of Tomorrow. ACS Nano, 2016, 10, 5595-5599.	14.6	43
119	Biosensors: Graphene-Functionalized Natural Microcapsules: Modular Building Blocks for Ultrahigh Sensitivity Bioelectronic Platforms (Adv. Funct. Mater. 13/2016). Advanced Functional Materials, 2016, 26, 2220-2220.	14.9	1
120	Comparison of complement activation-related pseudoallergy in miniature and domestic pigs: foundation of a validatable immune toxicity model. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 933-943.	3.3	55
121	Deciphering How Pore Formation Causes Strain-Induced Membrane Lysis of Lipid Vesicles. Journal of the American Chemical Society, 2016, 138, 1406-1413.	13.7	40
122	Relationship between vesicle size and steric hindrance influences vesicle rupture on solid supports. Physical Chemistry Chemical Physics, 2016, 18, 3065-3072.	2.8	19
123	Nanoplasmonic ruler to measure lipid vesicle deformation. Chemical Communications, 2016, 52, 76-79.	4.1	46
124	Cholesterol-Enriched Domain Formation Induced by Viral-Encoded, Membrane-Active Amphipathic Peptide. Biophysical Journal, 2016, 110, 176-187.	0.5	20
125	Antiviral Agents: Correlation between Membrane Partitioning and Functional Activity in a Single Lipid Vesicle Assay Establishes Design Guidelines for Antiviral Peptides (Small 20/2015). Small, 2015, 11, 2464-2464.	10.0	0
126	Biomembrane Fabrication by the Solvent-assisted Lipid Bilayer (SALB) Method. Journal of Visualized Experiments, 2015, , .	0.3	15

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127	Solvent-Assisted Lipid Self-Assembly at Hydrophilic Surfaces: Factors Influencing the Formation of Supported Membranes. Langmuir, 2015, 31, 3125-3134.	3.5	66
128	Contribution of Temperature to Deformation of Adsorbed Vesicles Studied by Nanoplasmonic Biosensing. Langmuir, 2015, 31, 771-781.	3.5	44
129	Self-Assembly Formation of Lipid Bilayer Coatings on Bare Aluminum Oxide: Overcoming the Force of Interfacial Water. ACS Applied Materials & Interfaces, 2015, 7, 959-968.	8.0	68
130	Correlation between Membrane Partitioning and Functional Activity in a Single Lipid Vesicle Assay Establishes Design Guidelines for Antiviral Peptides. Small, 2015, 11, 2372-2379.	10.0	30
131	Quantitative Evaluation of Peptideâ€“Material Interactions by a Force Mapping Method: Guidelines for Surface Modification. Langmuir, 2015, 31, 8006-8012.	3.5	14
132	Strategies for enhancing the sensitivity of plasmonic nanosensors. Nano Today, 2015, 10, 213-239.	11.9	356
133	Supported Lipid Bilayer Platform To Test Inhibitors of the Membrane Attack Complex: Insights into Biomacromolecular Assembly and Regulation. Biomacromolecules, 2015, 16, 3594-3602.	5.4	18
134	Spectrum of Membrane Morphological Responses to Antibacterial Fatty Acids and Related Surfactants. Langmuir, 2015, 31, 10223-10232.	3.5	80
135	Observation of Stripe Superstructure in the Î²-Two-Phase Coexistence Region of Cholesterolâ€“Phospholipid Mixtures in Supported Membranes. Journal of the American Chemical Society, 2014, 136, 16962-16965.	13.7	27
136	Biosensors: Controlling Lipid Membrane Architecture for Tunable Nanoplasmonic Biosensing (Small) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	10.0	1
137	Controlling Lipid Membrane Architecture for Tunable Nanoplasmonic Biosensing. Small, 2014, 10, 4828-4832.	10.0	42
138	Formation of Cholesterol-Rich Supported Membranes Using Solvent-Assisted Lipid Self-Assembly. Langmuir, 2014, 30, 13345-13352.	3.5	53
139	Vesicle Adhesion and Rupture on Silicon Oxide: Influence of Freezeâ€“Thaw Pretreatment. Langmuir, 2014, 30, 2152-2160.	3.5	47
140	AH Peptide-Mediated Formation of Charged Planar Lipid Bilayers. Journal of Physical Chemistry B, 2014, 118, 3616-3621.	2.6	33
141	Contribution of the Hydration Force to Vesicle Adhesion on Titanium Oxide. Langmuir, 2014, 30, 5368-5372.	3.5	52
142	Nanoplasmonic Biosensing for Soft Matter Adsorption: Kinetics of Lipid Vesicle Attachment and Shape Deformation. Langmuir, 2014, 30, 9494-9503.	3.5	54
143	Influence of Osmotic Pressure on Adhesion of Lipid Vesicles to Solid Supports. Langmuir, 2013, 29, 11375-11384.	3.5	81
144	Rupture of Lipid Vesicles by a Broad-Spectrum Antiviral Peptide: Influence of Vesicle Size. Journal of Physical Chemistry B, 2013, 117, 16117-16128.	2.6	56

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145	Biotechnology Applications of Tethered Lipid Bilayer Membranes. Materials, 2012, 5, 2637-2657.	2.9	101
146	Model Membrane Platforms for Biomedicine: Case Study on Antiviral Drug Development. Biointerphases, 2012, 7, 18.	1.6	39
147	pH-Driven Assembly of Various Supported Lipid Platforms: A Comparative Study on Silicon Oxide and Titanium Oxide. Langmuir, 2011, 27, 3739-3748.	3.5	83
148	Vesicle and bilayer formation of diphytanoylphosphatidylcholine (DPhPC) and diphytanoylphosphatidylethanolamine (DPhPE) mixtures and their bilayersâ€™ electrical stability. Colloids and Surfaces B: Biointerfaces, 2011, 82, 550-561.	5.0	32
149	Interfacial Binding Dynamics of Bee Venom Phospholipase A₂ Investigated by Dynamic Light Scattering and Quartz Crystal Microbalance. Langmuir, 2010, 26, 4103-4112.	3.5	33