

Erik Reimhult

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132
papers

7,473
citations

38
h-index

85
g-index

137
ext. papers

8,200
ext. citations

5.7
avg, IF

6.19
L-index

#	Paper	IF	Citations
132	A microfluidic valve with bubble trap and zero dead volume.. <i>Review of Scientific Instruments</i> , 2022 , 93, 014105	1.7	0
131	Modifying superparamagnetic iron oxide and silica nanoparticles surfaces for efficient (MA)LDI-MS analyses of peptides and proteins. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , 36, e9212	2.2	1
130	Cellulosic biofilm formation of in kombucha at oil-water interfaces.. <i>Biofilm</i> , 2022 , 4, 100071	5.9	2
129	Understanding the Photochemical Properties of Polythiophene Polyelectrolyte Soft Aggregates with Sodium Dodecyl Sulfate for Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55953-55965	9.5	1
128	Cyclodextrin-Appended Superparamagnetic Iron Oxide Nanoparticles as Cholesterol-Mopping Agents. <i>Frontiers in Chemistry</i> , 2021 , 9, 795598	5	1
127	Polymer Brush-Grafted Nanoparticles Preferentially Interact with Opsonins and Albumin. <i>ACS Applied Bio Materials</i> , 2021 , 4, 795-806	4.1	3
126	Morpholinium-based ionic liquids show antimicrobial activity against clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Research in Microbiology</i> , 2021 , 172, 103817	4	0
125	Thermoresponsive Nanoparticles with Cyclic-Polymer-Grafted Shells Are More Stable than with Linear-Polymer-Grafted Shells: Effect of Polymer Topology, Molecular Weight, and Core Size. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 7009-7023	3.4	3
124	Monitoring of Rolling Circle Amplification on a Solid Support by Surface Plasmon Resonance and Optical Waveguide Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 32352-32362	9.5	1
123	Theoretical and Experimental Design of Heavy Metal-Mopping Magnetic Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 1386-1397	9.5	0
122	Editorial commentary on the special issue of Advances in Nanomedicine. <i>Journal of Biomedical Research</i> , 2021 , 35, 253-254	1.5	
121	Synthesis of short-range ordered aluminosilicates at ambient conditions. <i>Scientific Reports</i> , 2021 , 11, 4207	4.9	6
120	DNA Polyelectrolyte Multilayer Coatings Are Antifouling and Promote Mammalian Cell Adhesion. <i>Materials</i> , 2021 , 14,	3.5	3
119	Hybrid lipopolymer vesicle drug delivery and release systems. <i>Journal of Biomedical Research</i> , 2021 , 35, 301-309	1.5	3
118	Biofilm formation at oil-water interfaces is not a simple function of bacterial hydrophobicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 194, 111163	6	17
117	Remotely Triggered Liquefaction of Hydrogel Materials. <i>ACS Nano</i> , 2020 , 14, 9145-9155	16.7	14
116	Nanoporous thin films in optical waveguide spectroscopy for chemical analytics. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3299-3315	4.4	6

115	Quantitative Determination of Dark and Light-Activated Antimicrobial Activity of Poly(Phenylene Ethynylene), Polythiophene, and Oligo(Phenylene Ethynylene) Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21322-21329	9.5	14
114	Polymer Topology Determines the Formation of Protein Corona on Core-Shell Nanoparticles. <i>ACS Nano</i> , 2020 , 14, 12708-12718	16.7	18
113	Effect of deposition angle on fabrication of plasmonic gold nanocones and nanodiscs. <i>Microelectronic Engineering</i> , 2020 , 228, 111326	2.5	0
112	Biocompatible Glyconanoparticles by Grafting Sophorolipid Monolayers on Monodispersed Iron Oxide Nanoparticles.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3095-3107	4.1	7
111	Whole Genome Sequencing-Based Comparison of Food Isolates of. <i>Frontiers in Microbiology</i> , 2019 , 10, 1464	5.7	15
110	Design Principles for Thermoresponsive Core-Shell Nanoparticles: Controlling Thermal Transitions by Brush Morphology. <i>Langmuir</i> , 2019 , 35, 7092-7104	4	20
109	Minimal Reconstitution of Membranous Web Induced by a Vesicle-Peptide Sol-Gel Transition. <i>Biomacromolecules</i> , 2019 , 20, 1709-1718	6.9	3
108	Characterization of Biofilm Formation by Cronobacter spp. Isolates of Different Food Origin under Model Conditions. <i>Journal of Food Protection</i> , 2019 , 82, 65-77	2.5	4
107	Direct C-S bond formation via C-O bond activation of phenols in a crossover Pd/Cu dual-metal catalysis system. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4491-4497	3.9	15
106	Poly(ethylene glycol) Grafting of Nanoparticles Prevents Uptake by Cells and Transport Through Cell Barrier Layers Regardless of Shear Flow and Particle Size. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4355-4365	5.5	3
105	Nanoparticle interactions with blood proteins and what it means: a tutorial review 2019 , 3, 73-87		3
104	Formation and Characteristics of Lipid-Blended Block Copolymer Bilayers on a Solid Support Investigated by Quartz Crystal Microbalance and Atomic Force Microscopy. <i>Langmuir</i> , 2019 , 35, 739-749	4	10
103	Thermoresponsive Core-Shell Nanoparticles and Their Potential Applications 2019 , 145-170		6
102	Stealth Nanoparticles Grafted with Dense Polymer Brushes Display Adsorption of Serum Protein Investigated by Isothermal Titration Calorimetry. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 5820-5834	3.4	25
101	Real-time analysis of protein and protein mixture interaction with lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 319-328	3.8	9
100	The Role of Chain Molecular Weight and Hofmeister Series Ions in Thermal Aggregation of Poly(2-Isopropyl-2-Oxazoline) Grafted Nanoparticles. <i>Polymers</i> , 2018 , 10,	4.5	16
99	Immunogold Nanoparticles for Rapid Plasmonic Detection of. <i>Sensors</i> , 2018 , 18,	3.8	14
98	Influence of Grafted Block Copolymer Structure on Thermoresponsiveness of Superparamagnetic Core-Shell Nanoparticles. <i>Biomacromolecules</i> , 2018 , 19, 1435-1444	6.9	10

97	Phospholipase A-Induced Degradation and Release from Lipid-Containing Polymersomes. <i>Langmuir</i> , 2018 , 34, 395-405	4	21
96	Affinity Purification and Single-Molecule Analysis of Integral Membrane Proteins from Crude Cell-Membrane Preparations. <i>Nano Letters</i> , 2018 , 18, 381-385	11.5	10
95	Thermoresponsive Core-Shell Nanoparticles: Does Core Size Matter?. <i>Materials</i> , 2018 , 11,	3.5	13
94	Controlled aggregation and cell uptake of thermoresponsive polyoxazoline-grafted superparamagnetic iron oxide nanoparticles. <i>Nanoscale</i> , 2017 , 9, 2793-2805	7.7	32
93	Individually Stabilized, Superparamagnetic Nanoparticles with Controlled Shell and Size Leading to Exceptional Stealth Properties and High Relaxivities. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3343-3353	9.5	41
92	Aggregation of thermoresponsive core-shell nanoparticles: Influence of particle concentration, dispersant molecular weight and grafting. <i>Journal of Colloid and Interface Science</i> , 2017 , 500, 321-332	9.3	19
91	Thermoresponsive Polypeptoid-Coated Superparamagnetic Iron Oxide Nanoparticles by Surface-Initiated Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700116	2.6	12
90	Monodisperse Iron Oxide Nanoparticles by Thermal Decomposition: Elucidating Particle Formation by Second-Resolved in Situ Small-Angle X-ray Scattering. <i>Chemistry of Materials</i> , 2017 , 29, 4511-4522	9.6	63
89	Crosslinking of floating colloidal monolayers. <i>Monatshefte für Chemie</i> , 2017 , 148, 1539-1546	1.4	1
88	Host-guest driven ligand replacement on monodisperse inorganic nanoparticles. <i>Nanoscale</i> , 2017 , 9, 8925-8929	7.7	5
87	Next-Generation Polymer Shells for Inorganic Nanoparticles are Highly Compact, Ultra-Dense, and Long-Lasting Cyclic Brushes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4507-4511	16.4	70
86	Next-Generation Polymer Shells for Inorganic Nanoparticles are Highly Compact, Ultra-Dense, and Long-Lasting Cyclic Brushes. <i>Angewandte Chemie</i> , 2017 , 129, 4578-4582	3.6	11
85	Interaction of Size-Tailored PEGylated Iron Oxide Nanoparticles with Lipid Membranes and Cells. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 249-259	5.5	33
84	Surface-active ionic liquids for palladium-catalysed cross coupling in water: effect of ionic liquid concentration on the catalytically active species. <i>RSC Advances</i> , 2017 , 7, 41144-41151	3.7	29
83	COMPARATIVE PHYSIOCHEMICAL ANALYSIS OF HYDROPHOBINS PRODUCED IN ESCHERICHIA COLI AND PICHIA PASTORIS. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 913-923	6	8
82	Nanoparticle Risks and Identification in a World Where Small Things Do Not Survive. <i>NanoEthics</i> , 2017 , 11, 283-290	1	5
81	Optimization of Magneto-thermally Controlled Release Kinetics by Tuning of Magnetoliposome Composition and Structure. <i>Scientific Reports</i> , 2017 , 7, 7474	4.9	32
80	Fluorescent Magnetopolymersomes: A Theranostic Platform to Track Intracellular Delivery. <i>Materials</i> , 2017 , 10,	3.5	5

79	Nonspecific Colloidal-Type Interaction Explains Size-Dependent Specific Binding of Membrane-Targeted Nanoparticles. <i>ACS Nano</i> , 2016 , 10, 9974-9982	16.7	18
78	Magneto-Thermal Release from Nanoscale Unilamellar Hybrid Vesicles. <i>ChemNanoMat</i> , 2016 , 2, 1111-1130	13.9	19
77	Controlled magnetosomes: Embedding of magnetic nanoparticles into membranes of monodisperse lipid vesicles. <i>Journal of Colloid and Interface Science</i> , 2016 , 466, 62-71	9.3	35
76	Previous Homologous and Heterologous Stress Exposure Induces Tolerance Development to Pulsed Light in Listeria monocytogenes. <i>Frontiers in Microbiology</i> , 2016 , 7, 490	5.7	6
75	Triggered Release from Thermoresponsive Polymersomes with Superparamagnetic Membranes. <i>Materials</i> , 2016 , 9,	3.5	21
74	Evaluation of High-Yield Purification Methods on Monodisperse PEG-Grafted Iron Oxide Nanoparticles. <i>Langmuir</i> , 2016 , 32, 4259-69	4	32
73	Complete Exchange of the Hydrophobic Dispersant Shell on Monodisperse Superparamagnetic Iron Oxide Nanoparticles. <i>Langmuir</i> , 2015 , 31, 9198-204	4	53
72	Core-Shell Structure of Monodisperse Poly(ethylene glycol)-Grafted Iron Oxide Nanoparticles Studied by Small-Angle X-ray Scattering. <i>Chemistry of Materials</i> , 2015 , 27, 4763-4771	9.6	49
71	pH- and Electro-Responsive Properties of Poly(acrylic acid) and Poly(acrylic acid)-block-poly(acrylic acid-grad-styrene) Brushes Studied by Quartz Crystal Microbalance with Dissipation Monitoring. <i>Langmuir</i> , 2015 , 31, 7684-94	4	28
70	Design of surface modifications for nanoscale sensor applications. <i>Sensors</i> , 2015 , 15, 1635-75	3.8	66
69	Selective (bio)functionalization of solid-state nanopores. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6030-5	9.5	13
68	Synthesis and Magneto-Thermal Actuation of Iron Oxide Core-PNIPAM Shell Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 19342-52	9.5	53
67	Patterning of supported lipid bilayers and proteins using material selective nitrodopamine-mPEG. <i>Biomaterials Science</i> , 2015 , 3, 94-102	7.4	6
66	Simple method for the synthesis of inverse patchy colloids. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 234105	1.8	24
65	Nanoparticle-triggered release from lipid membrane vesicles. <i>New Biotechnology</i> , 2015 , 32, 665-72	6.4	42
64	Melt-grafting for the synthesis of core-shell nanoparticles with ultra-high dispersant density. <i>Nanoscale</i> , 2015 , 7, 11216-25	7.7	38
63	Stabilization and Characterization of Iron Oxide Superparamagnetic Core-Shell Nanoparticles for Biomedical Applications 2014 , 355-387	1	
62	Lipogels: surface-adherent composite hydrogels assembled from poly(vinyl alcohol) and liposomes. <i>Nanoscale</i> , 2013 , 5, 6758-66	7.7	29

61	Investigating retroviral envelope proteome plasticity. <i>Retrovirology</i> , 2013 , 10, P60	3.6	1
60	Design and folding of colloidal patchy polymers. <i>Soft Matter</i> , 2013 , 9, 938-944	3.6	26
59	Sequence controlled self-knotting colloidal patchy polymers. <i>Physical Review Letters</i> , 2013 , 110, 075501	7.4	45
58	Core-shell nanoparticle monolayers at planar liquid-liquid interfaces: effects of polymer architecture on the interface microstructure. <i>Soft Matter</i> , 2013 , 9, 3789	3.6	54
57	Switching transport through nanopores with pH-responsive polymer brushes for controlled ion permeability. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1400-7	9.5	78
56	Embedded plasmonic nanomehirs as location-specific biosensors. <i>Nano Letters</i> , 2013 , 13, 6122-9	11.5	25
55	Electrically driven nanopillars for THz quantum cascade lasers. <i>Optics Express</i> , 2013 , 21, 10917-23	3.3	32
54	Mobile and three-dimensional presentation of adhesion proteins within microwells. <i>Methods in Molecular Biology</i> , 2013 , 1046, 123-32	1.4	
53	Nanoparticle actuated hollow drug delivery vehicles. <i>Nanomedicine</i> , 2012 , 7, 145-64	5.6	73
52	Design of Intelligent Surface Modifications and Optimal Liquid Handling for Nanoscale Bioanalytical Sensors 2012 , 71-122		3
51	Using complementary acoustic and optical techniques for quantitative monitoring of biomolecular adsorption at interfaces. <i>Biosensors</i> , 2012 , 2, 341-76	5.9	51
50	Supported lipopolysaccharide bilayers. <i>Langmuir</i> , 2012 , 28, 12199-208	4	26
49	Influence of Electronegative Substituents on the Binding Affinity of Catechol-Derived Anchors to Fe ₃ O ₄ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 683-691	3.8	125
48	Poly(vinyl alcohol) physical hydrogels: noncryogenic stabilization allows nano- and microscale materials design. <i>Langmuir</i> , 2011 , 27, 10216-23	4	39
47	Adsorption of core-shell nanoparticles at liquid-liquid interfaces. <i>Soft Matter</i> , 2011 , 7, 7663	3.6	75
46	Supported lipid bilayer microarrays created by non-contact printing. <i>Lab on A Chip</i> , 2011 , 11, 2403-10	7.2	18
45	Preparation and dynamic patterning of supported lipid membranes mimicking cell membranes. <i>Methods in Molecular Biology</i> , 2011 , 751, 453-63	1.4	2
44	Measuring single-nanoparticle wetting properties by freeze-fracture shadow-casting cryo-scanning electron microscopy. <i>Nature Communications</i> , 2011 , 2, 438	17.4	141

43	Self-Assembled Multifunctional Polymers for Biointerfaces 2011 , 855-905	4
42	Triggered release from liposomes through magnetic actuation of iron oxide nanoparticle containing membranes. <i>Nano Letters</i> , 2011 , 11, 1664-70	11.5 309
41	Formation of nanopore-spanning lipid bilayers through liposome fusion. <i>Langmuir</i> , 2011 , 27, 10920-8	4 38
40	Pleckstrin homology-phospholipase C-1 interaction with phosphatidylinositol 4,5-bisphosphate containing supported lipid bilayers monitored in situ with dual polarization interferometry. <i>Analytical Chemistry</i> , 2011 , 83, 6267-74	7.8 21
39	Stabilization and functionalization of iron oxide nanoparticles for biomedical applications. <i>Nanoscale</i> , 2011 , 3, 2819-43	7.7 314
38	Automated time-resolved analysis of bacteria-substrate interactions using functionalized microparticles and flow cytometry. <i>Biomaterials</i> , 2011 , 32, 4347-57	15.6 11
37	Electrochemically Stimulated Release from Liposomes Embedded in a Polyelectrolyte Multilayer. <i>Advanced Functional Materials</i> , 2011 , 21, 1666-1672	15.6 27
36	Magnetic decoupling of surface Fe ³⁺ in magnetite nanoparticles upon nitrocatechol-anchored dispersant binding. <i>Chemistry - A European Journal</i> , 2011 , 17, 7396-8	4.8 11
35	Mechanical properties of mushroom and brush poly(ethylene glycol)-phospholipid membranes. <i>Soft Matter</i> , 2011 , 7, 9267	3.6 25
34	Single cell 3-D platform to study ligand mobility in cell-cell contact. <i>Lab on A Chip</i> , 2011 , 11, 2876-83	7.2 43
33	Self-assembly of iron oxide-poly(ethylene glycol) core-shell nanoparticles at liquid-liquid interfaces. <i>Chimia</i> , 2010 , 64, 145-9	1.3 20
32	Particle lithography from colloidal self-assembly at liquid-liquid interfaces. <i>ACS Nano</i> , 2010 , 4, 5665-70	16.7 128
31	Characterization of supported lipid bilayers incorporating the phosphoinositides phosphatidylinositol 4,5-biphosphate and phosphoinositol-3,4,5-triphosphate by complementary techniques. <i>Biointerphases</i> , 2010 , 5, 114-9	1.8 20
30	Advances in nanopatterned and nanostructured supported lipid membranes and their applications. <i>Biotechnology and Genetic Engineering Reviews</i> , 2010 , 27, 185-216	4.1 27
29	Nitrocatechol dispersants to tailor superparamagnetic Fe ₃ O ₄ nanoparticles. <i>Chimia</i> , 2010 , 64, 826	1.3 4
28	Rupture pathway of phosphatidylcholine liposomes on silicon dioxide. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 1683-96	6.3 52
27	Surface functionalization of single superparamagnetic iron oxide nanoparticles for targeted magnetic resonance imaging. <i>Small</i> , 2009 , 5, 1334-42	11 191
26	Microarray spotting of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 346, 61-65	5.1 6

25	Liposomes tethered to omega-functional PEG brushes and induced formation of PEG brush supported planar lipid bilayers. <i>Langmuir</i> , 2009 , 25, 13534-9	4	29
24	Poly(methacrylic acid) Grafts Grown from Designer Surfaces: The Effect of Initiator Coverage on Polymerization Kinetics, Morphology, and Properties. <i>Macromolecules</i> , 2009 , 42, 1640-1647	5.5	42
23	Ultrastable iron oxide nanoparticle colloidal suspensions using dispersants with catechol-derived anchor groups. <i>Nano Letters</i> , 2009 , 9, 4042-8	11.5	371
22	A detailed investigation of the formation kinetics and layer structure of poly(ethylene glycol) tether supported lipid bilayers. <i>Soft Matter</i> , 2009 , 5, 2804	3.6	41
21	Formation of supported lipid bilayers on indium tin oxide for dynamically-patterned membrane-functionalized microelectrode arrays. <i>Lab on A Chip</i> , 2009 , 9, 718-25	7.2	28
20	NANOSCALE BIOSENSORS AND BIOCHIPS. <i>Annual Review of Nano Research</i> , 2009 , 1-82		2
19	Membrane biosensor platforms using nano- and microporous supports. <i>Trends in Biotechnology</i> , 2008 , 26, 82-9	15.1	181
18	Formation of supported bacterial lipid membrane mimics. <i>Biointerphases</i> , 2008 , 3, FA41	1.8	66
17	Lipid redistribution in phosphatidylserine-containing vesicles adsorbing on titania. <i>Biointerphases</i> , 2008 , 3, FA90	1.8	27
16	Supported lipid bilayers, tethered lipid vesicles, and vesicle fusion investigated using gravimetric, plasmonic, and microscopy techniques. <i>Biointerphases</i> , 2008 , 3, FA108	1.8	22
15	Optical anisotropy of supported lipid structures probed by waveguide spectroscopy and its application to study of supported lipid bilayer formation kinetics. <i>Analytical Chemistry</i> , 2008 , 80, 3666-76	7.8	142
14	Electrochemical Biosensors - Sensor Principles and Architectures. <i>Sensors</i> , 2008 , 8, 1400-1458	3.8	524
13	Understanding self-assembled amphiphilic peptide supramolecular structures from primary structure helix propensity. <i>Langmuir</i> , 2008 , 24, 7645-7	4	28
12	From particle self-assembly to functionalized sub-micron protein patterns. <i>Nanotechnology</i> , 2008 , 19, 075301	3.4	37
11	Electrochemical Biosensors - Sensor Principles and Architectures. <i>Sensors</i> , 2008 , 8, 1400-1458	3.8	1160
10	Understanding ligand binding effects on the conformation of estrogen receptor alpha-DNA complexes: a combinational quartz crystal microbalance with dissipation and surface plasmon resonance study. <i>Biophysical Journal</i> , 2007 , 92, 4415-23	2.9	73
9	Fabrication of nanoporous silicon nitride and silicon oxide films of controlled size and porosity for combined electrochemical and waveguide measurements. <i>Nanotechnology</i> , 2007 , 18, 275303	3.4	27
8	Enzymatic Biosensors towards a Multiplexed Electronic Detection System for Early Cancer Diagnostics 2007 ,		2

LIST OF PUBLICATIONS

7	A multitechnique study of liposome adsorption on Au and lipid bilayer formation on SiO ₂ . <i>Langmuir</i> , 2006 , 22, 3313-9	4	217
6	Simulations of temperature dependence of the formation of a supported lipid bilayer via vesicle adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004 , 39, 77-86	6	37
5	Simultaneous surface plasmon resonance and quartz crystal microbalance with dissipation monitoring measurements of biomolecular adsorption events involving structural transformations and variations in coupled water. <i>Analytical Chemistry</i> , 2004 , 76, 7211-20	7.8	256
4	Intact Vesicle Adsorption and Supported Biomembrane Formation from Vesicles in Solution: Influence of Surface Chemistry, Vesicle Size, Temperature, and Osmotic Pressure <i>Langmuir</i> , 2003 , 19, 1681-1691	4	535
3	Vesicle adsorption on SiO ₂ and TiO ₂ : Dependence on vesicle size. <i>Journal of Chemical Physics</i> , 2002 , 117, 7401-7404	3.9	231
2	Temperature dependence of formation of a supported phospholipid bilayer from vesicles on SiO ₂ . <i>Physical Review E</i> , 2002 , 66, 051905	2.4	77
1	Analysis of stable self-trapping of laser beams in cubic-quintic nonlinear media. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998 , 248, 369-376	2.3	50