

# Erik Reimhult

## List of Publications by Year in descending order

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132  
papers

8,905  
citations

71102

41  
h-index

42399

92  
g-index

137  
all docs

137  
docs citations

137  
times ranked

11503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Biosensors - Sensor Principles and Architectures. <i>Sensors</i> , 2008, 8, 1400-1458.	3.8	1,607
2	Electrochemical Biosensors - Sensor Principles and Architectures. <i>Sensors</i> , 2008, 8, 1400-1458.	3.8	591
3	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.	3.5	573
4	Ultrastable Iron Oxide Nanoparticle Colloidal Suspensions Using Dispersants with Catechol-Derived Anchor Groups. <i>Nano Letters</i> , 2009, 9, 4042-4048.	9.1	411
5	Stabilization and functionalization of iron oxide nanoparticles for biomedical applications. <i>Nanoscale</i> , 2011, 3, 2819.	5.6	360
6	Triggered Release from Liposomes through Magnetic Actuation of Iron Oxide Nanoparticle Containing Membranes. <i>Nano Letters</i> , 2011, 11, 1664-1670.	9.1	339
7	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, 7211-7220.	6.5	271
8	Vesicle adsorption on SiO <sub>2</sub> and TiO <sub>2</sub> : Dependence on vesicle size. <i>Journal of Chemical Physics</i> , 2002, 117, 7401-7404.	3.0	251
9	A Multitechnique Study of Liposome Adsorption on Au and Lipid Bilayer Formation on SiO <sub>2</sub> . <i>Langmuir</i> , 2006, 22, 3313-3319.	3.5	224
10	Membrane biosensor platforms using nano- and microporous supports. <i>Trends in Biotechnology</i> , 2008, 26, 82-89.	9.3	206
11	Surface Functionalization of Single Superparamagnetic Iron Oxide Nanoparticles for Targeted Magnetic Resonance Imaging. <i>Small</i> , 2009, 5, 1334-1342.	10.0	203
12	Measuring single-nanoparticle wetting properties by freeze-fracture shadow-casting cryo-scanning electron microscopy. <i>Nature Communications</i> , 2011, 2, 438.	12.8	159
13	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, 3666-3676.	6.5	154
14	Influence of Electronegative Substituents on the Binding Affinity of Catechol-Derived Anchors to Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 683-691.	3.1	142
15	Particle Lithography from Colloidal Self-Assembly at Liquid-Liquid Interfaces. <i>ACS Nano</i> , 2010, 4, 5665-5670.	14.6	141
16	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.	6.7	102
17	Switching Transport through Nanopores with pH-Responsive Polymer Brushes for Controlled Ion Permeability. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 1400-1407.	8.0	90
18	Design of Surface Modifications for Nanoscale Sensor Applications. <i>Sensors</i> , 2015, 15, 1635-1675.	3.8	88

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19	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.	13.8	86
20	Temperature dependence of formation of a supported phospholipid bilayer from vesicles on SiO <sub>2</sub> . <i>Physical Review E</i> , 2002, 66, 051905.	2.1	82
21	Understanding Ligand Binding Effects on the Conformation of Estrogen Receptor $\pm$ -DNA Complexes: A Combinational Quartz Crystal Microbalance with Dissipation and Surface Plasmon Resonance Study. <i>Biophysical Journal</i> , 2007, 92, 4415-4423.	0.5	82
22	Adsorption of core-shell nanoparticles at liquid-liquid interfaces. <i>Soft Matter</i> , 2011, 7, 7663.	2.7	78
23	Nanoparticle actuated hollow drug delivery vehicles. <i>Nanomedicine</i> , 2012, 7, 145-164.	3.3	76
24	Formation of supported bacterial lipid membrane mimics. <i>Biointerphases</i> , 2008, 3, FA41-FA50.	1.6	72
25	Synthesis and Magneto-Thermal Actuation of Iron Oxide Core-PNIPAM Shell Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19342-19352.	8.0	65
26	Complete Exchange of the Hydrophobic Dispersant Shell on Monodisperse Superparamagnetic Iron Oxide Nanoparticles. <i>Langmuir</i> , 2015, 31, 9198-9204.	3.5	63
27	Electrically driven nanopillars for THz quantum cascade lasers. <i>Optics Express</i> , 2013, 21, 10917.	3.4	61
28	Rupture Pathway of Phosphatidylcholine Liposomes on Silicon Dioxide. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1683-1696.	4.1	60
29	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.	2.1	59
30	Core-shell nanoparticle monolayers at planar liquid-liquid interfaces: effects of polymer architecture on the interface microstructure. <i>Soft Matter</i> , 2013, 9, 3789.	2.7	59
31	Using Complementary Acoustic and Optical Techniques for Quantitative Monitoring of Biomolecular Adsorption at Interfaces. <i>Biosensors</i> , 2012, 2, 341-376.	4.7	56
32	Sequence Controlled Self-Knotting Colloidal Patchy Polymers. <i>Physical Review Letters</i> , 2013, 110, 075501.	7.8	55
33	Individually Stabilized, Superparamagnetic Nanoparticles with Controlled Shell and Size Leading to Exceptional Stealth Properties and High Relaxivities. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 3343-3353.	8.0	53
34	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.	6.7	52
35	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.	4.8	46
36	Formation of Nanopore-Spanning Lipid Bilayers through Liposome Fusion. <i>Langmuir</i> , 2011, 27, 10920-10928.	3.5	46

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37	Single cell 3-D platform to study ligand mobility in cell-cell contact. <i>Lab on A Chip</i> , 2011, 11, 2876.	6.0	45
38	Melt-grafting for the synthesis of core-shell nanoparticles with ultra-high dispersant density. <i>Nanoscale</i> , 2015, 7, 11216-11225.	5.6	45
39	Nanoparticle-triggered release from lipid membrane vesicles. <i>New Biotechnology</i> , 2015, 32, 665-672.	4.4	45
40	Evaluation of High-Yield Purification Methods on Monodisperse PEG-Grafted Iron Oxide Nanoparticles. <i>Langmuir</i> , 2016, 32, 4259-4269.	3.5	45
41	Polymer Topology Determines the Formation of Protein Corona on Core-Shell Nanoparticles. <i>ACS Nano</i> , 2020, 14, 12708-12718.	14.6	45
42	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.	2.7	44
43	Poly(vinyl alcohol) Physical Hydrogels: Noncryogenic Stabilization Allows Nano- and Microscale Materials Design. <i>Langmuir</i> , 2011, 27, 10216-10223.	3.5	43
44	Controlled magnetosomes: Embedding of magnetic nanoparticles into membranes of monodisperse lipid vesicles. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 62-71.	9.4	42
45	From particle self-assembly to functionalized sub-micron protein patterns. <i>Nanotechnology</i> , 2008, 19, 075301.	2.6	41
46	pH- and Electro-Responsive Properties of Poly(acrylic acid) and Poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (acid)-<i>block</i> Microbalance with Dissipation Monitoring. <i>Langmuir</i> , 2015, 31, 7684-7694.	3.5	40
47	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.	5.0	39
48	Optimization of Magneto-thermally Controlled Release Kinetics by Tuning of Magnetoliposome Composition and Structure. <i>Scientific Reports</i> , 2017, 7, 7474.	3.3	39
49	Interaction of Size-Tailored PEGylated Iron Oxide Nanoparticles with Lipid Membranes and Cells. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 249-259.	5.2	38
50	Controlled aggregation and cell uptake of thermoresponsive polyoxazoline-grafted superparamagnetic iron oxide nanoparticles. <i>Nanoscale</i> , 2017, 9, 2793-2805.	5.6	36
51	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.	2.6	36
52	Mechanical properties of mushroom and brush poly(ethylene glycol)-phospholipid membranes. <i>Soft Matter</i> , 2011, 7, 9267.	2.7	33
53	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.	3.6	33
54	Formation of supported lipid bilayers on indium tin oxide for dynamically-patterned membrane-functionalized microelectrode arrays. <i>Lab on A Chip</i> , 2009, 9, 718-725.	6.0	31

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55	Lipogels: surface-adherent composite hydrogels assembled from poly(vinyl alcohol) and liposomes. <i>Nanoscale</i> , 2013, 5, 6758.	5.6	31
56	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.	2.6	30
57	Advances in nanopatterned and nanostructured supported lipid membranes and their applications. <i>Biotechnology and Genetic Engineering Reviews</i> , 2010, 27, 185-216.	6.2	30
58	Supported Lipopolysaccharide Bilayers. <i>Langmuir</i> , 2012, 28, 12199-12208.	3.5	30
59	Understanding Self-Assembled Amphiphilic Peptide Supramolecular Structures from Primary Structure Helix Propensity. <i>Langmuir</i> , 2008, 24, 7645-7647.	3.5	29
60	Liposomes Tethered to Omega-Functional PEG Brushes and Induced Formation of PEG Brush Supported Planar Lipid Bilayers. <i>Langmuir</i> , 2009, 25, 13534-13539.	3.5	29
61	Simple method for the synthesis of inverse patchy colloids. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 234105.	1.8	29
62	Phospholipase A <sub>2</sub> -Induced Degradation and Release from Lipid-Containing Polymersomes. <i>Langmuir</i> , 2018, 34, 395-405.	3.5	29
63	Biofilm formation at oil-water interfaces is not a simple function of bacterial hydrophobicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111163.	5.0	29
64	Electrochemically Stimulated Release from Liposomes Embedded in a Polyelectrolyte Multilayer. <i>Advanced Functional Materials</i> , 2011, 21, 1666-1672.	14.9	28
65	Design and folding of colloidal patchy polymers. <i>Soft Matter</i> , 2013, 9, 938-944.	2.7	28
66	Whole Genome Sequencing-Based Comparison of Food Isolates of <i>Cronobacter sakazakii</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1464.	3.5	28
67	Remotely Triggered Liquefaction of Hydrogel Materials. <i>ACS Nano</i> , 2020, 14, 9145-9155.	14.6	28
68	Lipid redistribution in phosphatidylserine-containing vesicles adsorbing on titania. <i>Biointerphases</i> , 2008, 3, FA90-FA95.	1.6	27
69	Quantitative Determination of Dark and Light-Activated Antimicrobial Activity of Poly(Phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock Interfaces, 2020, 12, 21322-21329.	8.0	27
70	Triggered Release from Thermoresponsive Polymersomes with Superparamagnetic Membranes. <i>Materials</i> , 2016, 9, 29.	2.9	26
71	Embedded Plasmonic Nanomenhirs as Location-Specific Biosensors. <i>Nano Letters</i> , 2013, 13, 6122-6129.	9.1	25
72	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.	9.4	24

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73	Supported lipid bilayers, tethered lipid vesicles, and vesicle fusion investigated using gravimetric, plasmonic, and microscopy techniques. <i>Biointerphases</i> , 2008, 3, FA108-FA116.	1.6	23
74	Pleckstrin Homology-Phospholipase C- $\beta$ Interaction with Phosphatidylinositol 4,5-Bisphosphate Containing Supported Lipid Bilayers Monitored in Situ with Dual Polarization Interferometry. <i>Analytical Chemistry</i> , 2011, 83, 6267-6274.	6.5	23
75	Immunogold Nanoparticles for Rapid Plasmonic Detection of <i>C. sakazakii</i> . <i>Sensors</i> , 2018, 18, 2028.	3.8	23
76	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.	2.8	23
77	Characterization of supported lipid bilayers incorporating and phosphoinositol-3,4,5-triphosphate by complementary techniques. <i>Biointerphases</i> , 2010, 5, 114-119.	1.6	22
78	Design Principles for Thermoresponsive Core-Shell Nanoparticles: Controlling Thermal Transitions by Brush Morphology. <i>Langmuir</i> , 2019, 35, 7092-7104.	3.5	22
79	Nonspecific Colloidal-Type Interaction Explains Size-Dependent Specific Binding of Membrane-Targeted Nanoparticles. <i>ACS Nano</i> , 2016, 10, 9974-9982.	14.6	21
80	Self-Assembly of Iron Oxide-Poly(ethylene glycol) Core-Shell Nanoparticles at Liquid-Liquid Interfaces. <i>Chimia</i> , 2010, 64, 145-149.	0.6	20
81	Magneto-Thermal Release from Nanoscale Unilamellar Hybrid Vesicles. <i>ChemNanoMat</i> , 2016, 2, 1111-1120.	2.8	20
82	Supported lipid bilayer microarrays created by non-contact printing. <i>Lab on A Chip</i> , 2011, 11, 2403.	6.0	19
83	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, 451.	4.5	19
84	Synthesis of short-range ordered aluminosilicates at ambient conditions. <i>Scientific Reports</i> , 2021, 11, 4207.	3.3	17
85	Polymer Brush-Grafted Nanoparticles Preferentially Interact with Opsonins and Albumin. <i>ACS Applied Bio Materials</i> , 2021, 4, 795-806.	4.6	17
86	Characterization of Biofilm Formation by <i>Cronobacter</i> spp. Isolates of Different Food Origin under Model Conditions. <i>Journal of Food Protection</i> , 2019, 82, 65-77.	1.7	16
87	Magnetic Decoupling of Surface Fe <sup>3+</sup> in Magnetite Nanoparticles upon Nitrocatechol-Anchored Dispersant Binding. <i>Chemistry - A European Journal</i> , 2011, 17, 7396-7398.	3.3	15
88	Real-time analysis of protein and protein mixture interaction with lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 319-328.	2.6	15
89	Thermoresponsive Core-Shell Nanoparticles: Does Core Size Matter?. <i>Materials</i> , 2018, 11, 1654.	2.9	15
90	Selective (Bio)Functionalization of Solid-State Nanopores. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6030-6035.	8.0	14

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91	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.	2.0	14
92	Thermoresponsive Polypeptoid-Coated Superparamagnetic Iron Oxide Nanoparticles by Surface-Initiated Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700116.	2.2	13
93	Influence of Grafted Block Copolymer Structure on Thermoresponsiveness of Superparamagnetic Core-Shell Nanoparticles. <i>Biomacromolecules</i> , 2018, 19, 1435-1444.	5.4	13
94	Affinity Purification and Single-Molecule Analysis of Integral Membrane Proteins from Crude Cell-Membrane Preparations. <i>Nano Letters</i> , 2018, 18, 381-385.	9.1	12
95	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.	3.5	12
96	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.	2.6	12
97	Hybrid lipopolymer vesicle drug delivery and release systems. <i>Journal of Biomedical Research</i> , 2021, 35, 301.	1.6	12
98	Automated time-resolved analysis of bacteria-substrate interactions using functionalized microparticles and flow cytometry. <i>Biomaterials</i> , 2011, 32, 4347-4357.	11.4	11
99	Morpholinium-based ionic liquids show antimicrobial activity against clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Research in Microbiology</i> , 2021, 172, 103817.	2.1	11
100	DNA Polyelectrolyte Multilayer Coatings Are Antifouling and Promote Mammalian Cell Adhesion. <i>Materials</i> , 2021, 14, 4596.	2.9	11
101	COMPARATIVE PHYSIOCHEMICAL ANALYSIS OF HYDROPHOBINS PRODUCED IN <i>ESCHERICHIA COLI</i> AND <i>PICHA PASTORIS</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 913-923.	5.0	10
102	Nanoparticle Risks and Identification in a World Where Small Things Do Not Survive. <i>NanoEthics</i> , 2017, 11, 283-290.	0.8	10
103	Biocompatible Glyconanoparticles by Grafting Sophorolipid Monolayers on Monodispersed Iron Oxide Nanoparticles. <i>ACS Applied Bio Materials</i> , 2019, 2, 3095-3107.	4.6	10
104	Nanoporous thin films in optical waveguide spectroscopy for chemical analytics. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 3299-3315.	3.7	9
105	Patterning of supported lipid bilayers and proteins using material selective nitrodopamine-mPEG. <i>Biomaterials Science</i> , 2015, 3, 94-102.	5.4	7
106	Previous Homologous and Heterologous Stress Exposure Induces Tolerance Development to Pulsed Light in <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 490.	3.5	7
107	Cellulosic biofilm formation of <i>Komagataeibacter</i> in kombucha at oil-water interfaces. <i>Biofilm</i> , 2022, 4, 100071.	3.8	7
108	Microarray spotting of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 346, 61-65.	4.7	6

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109	Host-guest driven ligand replacement on monodisperse inorganic nanoparticles. <i>Nanoscale</i> , 2017, 9, 8925-8929.	5.6	6
110	Fluorescent Magnetopolymerosomes: A Theranostic Platform to Track Intracellular Delivery. <i>Materials</i> , 2017, 10, 1303.	2.9	6
111	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.	5.2	6
112	Thermoresponsive Core-Shell Nanoparticles and Their Potential Applications. , 2019, , 145-170.		6
113	Modifying superparamagnetic iron oxide and silica nanoparticles surfaces for efficient (MALDI)MS analyses of peptides and proteins. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9212.	1.5	5
114	Nitrocatechol Dispersants to Tailor Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Chimia</i> , 2010, 64, 826.	0.6	4
115	Preparation and Dynamic Patterning of Supported Lipid Membranes Mimicking Cell Membranes. <i>Methods in Molecular Biology</i> , 2011, 751, 453-463.	0.9	4
116	Minimal Reconstitution of Membranous Web Induced by a Vesicle-Peptide Sol-Gel Transition. <i>Biomacromolecules</i> , 2019, 20, 1709-1718.	5.4	4
117	<i>In Situ</i> Monitoring of Rolling Circle Amplification on a Solid Support by Surface Plasmon Resonance and Optical Waveguide Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 32352-32362.	8.0	4
118	NANOSCALE BIOSENSORS AND BIOCHIPS. <i>Annual Review of Nano Research</i> , 2009, , 1-82.	0.2	3
119	Theoretical and Experimental Design of Heavy Metal-Mopping Magnetic Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1386-1397.	8.0	3
120	Nanoparticle interactions with blood proteins and what it means: a tutorial review. <i>Asia-Pacific Journal of Blood Types and Genes</i> , 2019, 3, 73-87.	0.1	3
121	Method for High-Yield Hydrothermal Growth of Silica Shells on Nanoparticles. <i>Materials</i> , 2021, 14, 6646.	2.9	3
122	Cyclodextrin-Appended Superparamagnetic Iron Oxide Nanoparticles as Cholesterol-Mopping Agents. <i>Frontiers in Chemistry</i> , 2021, 9, 795598.	3.6	3
123	Enzymatic Biosensors towards a Multiplexed Electronic Detection System for Early Cancer Diagnostics. , 2007, , .		2
124	Understanding the Photochemical Properties of Polythiophene Polyelectrolyte Soft Aggregates with Sodium Dodecyl Sulfate for Antimicrobial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55953-55965.	8.0	2
125	Investigating retroviral envelope proteome plasticity. <i>Retrovirology</i> , 2013, 10, .	2.0	1
126	Stabilization and Characterization of Iron Oxide Superparamagnetic Core-Shell Nanoparticles for Biomedical Applications. , 2014, , 355-387.		1



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127	Crosslinking of floating colloidal monolayers. Monatshefte für Chemie, 2017, 148, 1539-1546.	1.8	1
128	Effect of deposition angle on fabrication of plasmonic gold nanocones and nanodiscs. Microelectronic Engineering, 2020, 228, 111326.	2.4	1
129	Thermoresponsive block copolymer grafted on core-shell nanoparticles. AIP Conference Proceedings, 2021, , .	0.4	1
130	A microfluidic valve with bubble trap and zero dead volume. Review of Scientific Instruments, 2022, 93, 014105.	1.3	1
131	Editorial commentary on the special issue of Advances in Nanomedicine. Journal of Biomedical Research, 2021, 35, 253.	1.6	0
132	Mobile and Three-Dimensional Presentation of Adhesion Proteins Within Microwells. Methods in Molecular Biology, 2013, 1046, 123-132.	0.9	0