

Helmuth Moehwald

List of Publications by Year in descending order

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895
papers

72,717
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435

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955
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955
docs citations

955
times ranked

43516
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoengineering of Inorganic and Hybrid Hollow Spheres by Colloidal Templating. , 1998, 282, 1111-1114.		3,921
2	Novel Hollow Polymer Shells by Colloid-Templated Assembly of Polyelectrolytes. Angewandte Chemie - International Edition, 1998, 37, 2201-2205.	13.8	1,735
3	Structure and phase transitions in Langmuir monolayers. Reviews of Modern Physics, 1999, 71, 779-819.	45.6	1,361
4	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	14.6	976
5	Assembly, structural characterization, and thermal behavior of layer-by-layer deposited ultrathin films of poly(vinyl sulfate) and poly(allylamine). Langmuir, 1993, 9, 481-486.	3.5	897
6	Halloysite Clay Nanotubes for Controlled Release of Protective Agents. ACS Nano, 2008, 2, 814-820.	14.6	822
7	Layer-by-layer self assembly of polyelectrolytes on colloidal particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 137, 253-266.	4.7	758
8	Strongly Photoluminescent CdTe Nanocrystals by Proper Surface Modification. Journal of Physical Chemistry B, 1998, 102, 8360-8363.	2.6	678
9	Layer-by-Layer Assembled Nanocontainers for Self-Healing Corrosion Protection. Advanced Materials, 2006, 18, 1672-1678.	21.0	653
10	Stimuli-responsive LbL capsules and nanoshells for drug delivery. Advanced Drug Delivery Reviews, 2011, 63, 730-747.	13.7	626
11	Stepwise polyelectrolyte assembly on particle surfaces: a novel approach to colloid design. Polymers for Advanced Technologies, 1998, 9, 759-767.	3.2	615
12	Anticorrosion Coatings with Self-Healing Effect Based on Nanocontainers Impregnated with Corrosion Inhibitor. Chemistry of Materials, 2007, 19, 402-411.	6.7	556
13	The Role of Metal Nanoparticles in Remote Release of Encapsulated Materials. Nano Letters, 2005, 5, 1371-1377.	9.1	533
14	Enzyme Encapsulation in Layer-by-Layer Engineered Polymer Multilayer Capsules. Langmuir, 2000, 16, 1485-1488.	3.5	516
15	Electrostatic Self-Assembly of Silica Nanoparticle~Polyelectrolyte Multilayers on Polystyrene Latex Particles. Journal of the American Chemical Society, 1998, 120, 8523-8524.	13.7	488
16	Laser-Induced Release of Encapsulated Materials inside Living Cells. Angewandte Chemie - International Edition, 2006, 45, 4612-4617.	13.8	466
17	Simple Peptide~Tuned Self~Assembly of Photosensitizers towards Anticancer Photodynamic Therapy. Angewandte Chemie - International Edition, 2016, 55, 3036-3039.	13.8	453
18	Urease Encapsulation in Nanoorganized Microshells. Nano Letters, 2001, 1, 125-128.	9.1	431

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19	pH-Controlled Macromolecule Encapsulation in and Release from Polyelectrolyte Multilayer Nanocapsules. <i>Macromolecular Rapid Communications</i> , 2001, 22, 44-46.	3.9	424
20	Directing Self-Assembly of Nanoparticles at Water/Oil Interfaces. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5639-5642.	13.8	418
21	Protein Multilayer Formation on Colloids through a Stepwise Self-Assembly Technique. <i>Journal of the American Chemical Society</i> , 1999, 121, 6039-6046.	13.7	411
22	Ordering in Lipid Monolayers Studied by Synchrotron X-Ray Diffraction and Fluorescence Microscopy. <i>Physical Review Letters</i> , 1987, 58, 2224-2227.	7.8	388
23	Porous calcium carbonate microparticles as templates for encapsulation of bioactive compounds. <i>Journal of Materials Chemistry</i> , 2004, 14, 2073-2081.	6.7	387
24	Studies on the Drug Release Properties of Polysaccharide Multilayers Encapsulated Ibuprofen Microparticles. <i>Langmuir</i> , 2001, 17, 5375-5380.	3.5	386
25	Investigation of Electrostatic Interactions in Polyelectrolyte Multilayer Films: Å Binding of Anionic Fluorescent Probes to Layers Assembled onto Colloids. <i>Macromolecules</i> , 1999, 32, 2317-2328.	4.8	379
26	Smart Micro- and Nanocontainers for Storage, Transport, and Release. <i>Advanced Materials</i> , 2001, 13, 1324.	21.0	377
27	Redox-controlled molecular permeability of composite-wall microcapsules. <i>Nature Materials</i> , 2006, 5, 724-729.	27.5	350
28	Sustained Release Properties of Polyelectrolyte Multilayer Capsules. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2281-2284.	2.6	343
29	Active Anticorrosion Coatings with Halloysite Nanocontainers. <i>Journal of Physical Chemistry C</i> , 2008, 112, 958-964.	3.1	340
30	Self-Repairing Coatings Containing Active Nanoreservoirs. <i>Small</i> , 2007, 3, 926-943.	10.0	336
31	Adhesion and Mechanical Properties of PNIPAM Microgel Films and Their Potential Use as Switchable Cell Culture Substrates. <i>Advanced Functional Materials</i> , 2010, 20, 3235-3243.	14.9	329
32	Magnetic Core-Shell Particles: Preparation of Magnetite Multilayers on Polymer Latex Microspheres. <i>Advanced Materials</i> , 1999, 11, 950-953.	21.0	328
33	Mesoporous Silica Nanoparticles for Active Corrosion Protection. <i>ACS Nano</i> , 2011, 5, 1939-1946.	14.6	315
34	Preparation and Optical Properties of Colloidal Gold Monolayers. <i>Langmuir</i> , 1999, 15, 3256-3266.	3.5	311
35	Electroluminescence of different colors from polycation/CdTe nanocrystal self-assembled films. <i>Journal of Applied Physics</i> , 2000, 87, 2297-2302.	2.5	310
36	Successive Deposition of Alternate Layers of Polyelectrolytes and a Charged Virus. <i>Langmuir</i> , 1994, 10, 4232-4236.	3.5	307

#	ARTICLE	IF	CITATIONS
37	Polyelectrolyte multilayer capsule permeability control. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 535-541.	4.7	305
38	Self-Healing Anticorrosion Coatings Based on pH-Sensitive Polyelectrolyte/Inhibitor Sandwichlike Nanostructures. <i>Advanced Materials</i> , 2008, 20, 2789-2794.	21.0	300
39	Production of Hollow Microspheres from Nanostructured Composite Particles. <i>Chemistry of Materials</i> , 1999, 11, 3309-3314.	6.7	291
40	Recent progress in morphology control of supramolecular fullerene assemblies and its applications. <i>Chemical Society Reviews</i> , 2010, 39, 4021.	38.1	290
41	Nano- and Microengineering: 3-D Colloidal Photonic Crystals Prepared from Sub-1/4m-sized Polystyrene Latex Spheres Pre-Coated with Luminescent Polyelectrolyte/Nanocrystal Shells. <i>Advanced Materials</i> , 2000, 12, 333-337.	21.0	288
42	Ultrasonic Cavitation at Solid Surfaces. <i>Advanced Materials</i> , 2011, 23, 1922-1934.	21.0	287
43	Shell-in-Shell Microcapsules: A Novel Tool for Integrated, Spatially Confined Enzymatic Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5605-5608.	13.8	283
44	Precipitation polymerization for fabrication of complex core-shell hybrid particles and hollow structures. <i>Chemical Society Reviews</i> , 2013, 42, 3628.	38.1	271
45	Magnetic Colloidosomes Derived from Nanoparticle Interfacial Self-Assembly. <i>Nano Letters</i> , 2005, 5, 949-952.	9.1	264
46	Intelligent micro- and nanocapsules. <i>Progress in Polymer Science</i> , 2005, 30, 885-897.	24.7	262
47	Layer-by-Layer Assembled Composites from Multiwall Carbon Nanotubes with Different Morphologies. <i>Nano Letters</i> , 2004, 4, 1889-1895.	9.1	255
48	Smart Inorganic/Organic Nanocomposite Hollow Microcapsules. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4472-4475.	13.8	251
49	Langmuir monolayers to study interactions at model membrane surfaces. <i>Advances in Colloid and Interface Science</i> , 2003, 100-102, 563-584.	14.7	246
50	Prospects for plasmonic hot spots in single molecule SERS towards the chemical imaging of live cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21072-21093.	2.8	246
51	A Thin-Film Electrochromic Device Based on a Polyoxometalate Cluster. <i>Advanced Materials</i> , 2002, 14, 225-228.	21.0	244
52	Application of Inhibitor-Loaded Halloysite Nanotubes in Active Anti-Corrosive Coatings. <i>Advanced Functional Materials</i> , 2009, 19, 1720-1727.	14.9	243
53	Fabrication of Micro Reaction Cages with Tailored Properties. <i>Journal of the American Chemical Society</i> , 2001, 123, 5431-5436.	13.7	242
54	Thermal Behavior of Polyelectrolyte Multilayer Microcapsules. 1. The Effect of Odd and Even Layer Number. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18250-18259.	2.6	240

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55	Lipid Coating on Polyelectrolyte Surface Modified Colloidal Particles and Polyelectrolyte Capsules. <i>Macromolecules</i> , 2000, 33, 4538-4544.	4.8	238
56	Surface-Engineered Nanocontainers for Entrapment of Corrosion Inhibitors. <i>Advanced Functional Materials</i> , 2007, 17, 1451-1458.	14.9	236
57	Influence of the Ionic Strength on the Polyelectrolyte Multilayers' Permeability. <i>Langmuir</i> , 2003, 19, 2444-2448.	3.5	232
58	Fabrication of Superhydrophobic Surfaces from Binary Colloidal Assembly. <i>Langmuir</i> , 2005, 21, 9143-9148.	3.5	228
59	Surface-Modified Mesoporous SiO ₂ Containers for Corrosion Protection. <i>Advanced Functional Materials</i> , 2009, 19, 2373-2379.	14.9	227
60	Hollow Polyelectrolyte Shells: Exclusion of Polymers and Donnan Equilibrium. <i>Journal of Physical Chemistry B</i> , 1999, 103, 6434-6440.	2.6	220
61	Membrane Filtration for Microencapsulation and Microcapsules Fabrication by Layer-by-Layer Polyelectrolyte Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 4037-4043.	3.7	220
62	Phospholipid Monolayer Density Distribution Perpendicular to the Water Surface. A Synchrotron X-Ray Reflectivity Study. <i>Europhysics Letters</i> , 1987, 4, 697-703.	2.0	214
63	Electroluminescence Studies on Self-Assembled Films of PPV and CdSe Nanoparticles. <i>Journal of Physical Chemistry B</i> , 1998, 102, 4096-4103.	2.6	214
64	Rapid Fabrication of Binary Colloidal Crystals by Stepwise Spin-Coating. <i>Advanced Materials</i> , 2004, 16, 244-247.	21.0	212
65	Sonochemical Synthesis of Highly Luminescent Zinc Oxide Nanoparticles Doped with Magnesium(II). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2727-2731.	13.8	209
66	Self-Propelled Polymer Multilayer Janus Capsules for Effective Drug Delivery and Light-Triggered Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10476-10481.	8.0	208
67	Carbonate microparticles for hollow polyelectrolyte capsules fabrication. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 224, 175-183.	4.7	203
68	Stability and Mechanical Properties of Polyelectrolyte Capsules Obtained by Stepwise Assembly of Poly(styrenesulfonate sodium salt) and Poly(diallyldimethyl ammonium) Chloride onto Melamine Resin Particles. <i>Langmuir</i> , 2001, 17, 3491-3495.	3.5	202
69	Polyelectrolyte multilayer nanoreactors toward the synthesis of diverse nanostructured materials. <i>Progress in Polymer Science</i> , 2004, 29, 987-1019.	24.7	202
70	Template-directed colloidal self-assembly – the route to “top-down” nanochemical engineering. <i>Journal of Materials Chemistry</i> , 2004, 14, 459-468.	6.7	202
71	Encapsulation, release and applications of LbL polyelectrolyte multilayer capsules. <i>Chemical Communications</i> , 2011, 47, 12736.	4.1	202
72	Preparation and Characterization of Ordered Nanoparticle and Polymer Composite Multilayers on Colloids. <i>Langmuir</i> , 1999, 15, 8276-8281.	3.5	200

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73	Layer-by-Layer Engineering of Biocompatible, Decomposable Core-Shell Structures. <i>Biomacromolecules</i> , 2003, 4, 265-272.	5.4	200
74	Influence of Polyelectrolyte Multilayer Coatings on Förster Resonance Energy Transfer between 6-Carboxyfluorescein and Rhodamine B-Labeled Particles in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 1998, 102, 2011-2016.	2.6	198
75	Manipulation of Aqueous Growth of CdTe Nanocrystals To Fabricate Colloidally Stable One-Dimensional Nanostructures. <i>Journal of the American Chemical Society</i> , 2006, 128, 10171-10180.	13.7	191
76	Maghemite Nanoparticles Protectively Coated with Poly(ethylene imine) and Poly(ethylene Terephthalate) Overlayer. <i>Journal of Physical Chemistry B</i> , 2006, 10, 1906-1910.	3.5	190
77	Silica/Polymer Double-Walled Hybrid Nanotubes: Synthesis and Application as Stimuli-Responsive Nanocontainers in Self-Healing Coatings. <i>ACS Nano</i> , 2013, 7, 2470-2478.	14.6	190
78	Langmuir monolayers as models to study processes at membrane surfaces. <i>Advances in Colloid and Interface Science</i> , 2014, 208, 197-213.	14.7	190
79	Near-IR Remote Release from Assemblies of Liposomes and Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1807-1809.	13.8	189
80	Understanding the self-assembly of charged nanoparticles at the water/oil interface. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3828-3835.	2.8	187
81	Solvent-Free Luminescent Organic Liquids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3391-3395.	13.8	187
82	Multifunctional cargo systems for biotechnology. <i>Trends in Biotechnology</i> , 2007, 25, 93-98.	9.3	186
83	Nanocontainer-Based Anticorrosive Coatings: Effect of the Container Size on the Self-Healing Performance. <i>Advanced Functional Materials</i> , 2013, 23, 3799-3812.	14.9	185
84	Ultrasonically Induced Opening of Polyelectrolyte Microcontainers. <i>Langmuir</i> , 2006, 22, 7400-7404.	3.5	184
85	Metallo-supramolecular Thin Polyelectrolyte Films. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2891-2893.	13.8	182
86	The water/oil interface: the emerging horizon for self-assembly of nanoparticles. <i>Soft Matter</i> , 2005, 1, 412.	2.7	180
87	Polymeric microcapsules with light responsive properties for encapsulation and release. <i>Advances in Colloid and Interface Science</i> , 2010, 158, 2-14.	14.7	178
88	Assembly of Alternated Multivalent Ion/Polyelectrolyte Layers on Colloidal Particles. Stability of the Multilayers and Encapsulation of Macromolecules into Polyelectrolyte Capsules. <i>Journal of Colloid and Interface Science</i> , 2000, 230, 272-280.	9.4	177
89	Microcontact-Printing-Assisted Access of Graphitic Carbon Nitride Films with Favorable Textures toward Photoelectrochemical Application. <i>Advanced Materials</i> , 2015, 27, 712-718.	21.0	177
90	Self-Assembly of Hexagonal Peptide Microtubes and Their Optical Waveguiding. <i>Advanced Materials</i> , 2011, 23, 2796-2801.	21.0	173

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91	Spontaneous Deposition of Water-Soluble Substances into Microcapsules: Phenomenon, Mechanism, and Application. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3789-3793.	13.8	169
92	Fabrication of Multicolor-Encoded Microspheres by Tagging Semiconductor Nanocrystals to Hydrogel Spheres. <i>Advanced Materials</i> , 2005, 17, 267-270.	21.0	169
93	Incorporating Fluorescent CdTe Nanocrystals into a Hydrogel via Hydrogen Bonding: Toward Fluorescent Microspheres with Temperature-Responsive Properties. <i>Chemistry of Materials</i> , 2005, 17, 2648-2653.	6.7	169
94	The Decomposition Process of Melamine Formaldehyde Cores: The Key Step in the Fabrication of Ultrathin Polyelectrolyte Multilayer Capsules. <i>Macromolecular Materials and Engineering</i> , 2001, 286, 355-361.	3.6	168
95	Hollow Polymer Shells from Biological Templates: Fabrication and Potential Applications. <i>Chemistry - A European Journal</i> , 2002, 8, 5481-5485.	3.3	167
96	Nonvolatile liquid anthracenes for facile full-colour luminescence tuning at single blue-light excitation. <i>Nature Communications</i> , 2013, 4, 1969.	12.8	167
97	Phospholipid monolayers between fluid and solid states. <i>Biophysical Journal</i> , 1987, 52, 381-390.	0.5	166
98	Entrapment of α -Chymotrypsin into Hollow Polyelectrolyte Microcapsules. <i>Macromolecular Bioscience</i> , 2001, 1, 209-214.	4.1	165
99	Nanocarbon Superhydrophobic Surfaces created from Fullerene-Based Hierarchical Supramolecular Assemblies. <i>Advanced Materials</i> , 2008, 20, 443-446.	21.0	165
100	Controlled Permeability of Polyelectrolyte Capsules via Defined Annealing. <i>Chemistry of Materials</i> , 2002, 14, 4059-4062.	6.7	164
101	Peptide-Induced Hierarchical Long-Range Order and Photocatalytic Activity of Porphyrin Assemblies. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 500-505.	13.8	164
102	Polyelectrolyte Complexes and Layer-by-Layer Capsules from Chitosan/Chitosan Sulfate. <i>Biomacromolecules</i> , 2002, 3, 579-590.	5.4	163
103	Multifunctional Porous Microspheres Based on Peptide-Porphyrin Hierarchical Co-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2366-2370.	13.8	161
104	Swelling and Shrinking of Polyelectrolyte Microcapsules in Response to Changes in Temperature and Ionic Strength. <i>Chemistry - A European Journal</i> , 2003, 9, 915-920.	3.3	160
105	Core-Shell Structures Formed by the Solvent-Controlled Precipitation of Luminescent CdTe Nanocrystals on Latex Spheres. <i>Advanced Materials</i> , 2001, 13, 1684-1687.	21.0	159
106	Biofunctional Polyelectrolyte Multilayers and Microcapsules: Control of Non-Specific and Bio-Specific Protein Adsorption. <i>Advanced Functional Materials</i> , 2005, 15, 357-366.	14.9	159
107	Influence of ether linkages on the structure of double-chain phospholipid monolayers. <i>Chemistry and Physics of Lipids</i> , 1995, 76, 145-157.	3.2	154
108	Synthesis and Structure of Colloidal Bimetallic Nanocrystals: The Non-Alloying System Ag/Co. <i>Nano Letters</i> , 2002, 2, 621-624.	9.1	154

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109	New Method for Fabrication of Loaded Micro- and Nanocontainers: Emulsion Encapsulation by Polyelectrolyte Layer-by-Layer Deposition on the Liquid Core. <i>Langmuir</i> , 2008, 24, 999-1004.	3.5	154
110	Thermal Behavior of Polyelectrolyte Multilayer Microcapsules: Insight into Molecular Mechanisms for the PDADMAC/PSS System. <i>Journal of Physical Chemistry B</i> , 2006, 110, 24002-24010.	2.6	153
111	Mechanics of artificial microcapsules. <i>New Journal of Physics</i> , 2004, 6, 18-18.	2.9	151
112	Antibacterial activity of thin-film photocatalysts based on metal-modified TiO ₂ and TiO ₂ :In ₂ O ₃ nanocomposite. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 94-99.	20.2	151
113	Adsorption and Desorption Behavior of an Anionic Pyrene Chromophore in Sequentially Deposited Polyelectrolyte-Dye Thin Films. <i>Journal of the American Chemical Society</i> , 2000, 122, 5841-5848.	13.7	150
114	Proton Concentration Profile in Ultrathin Polyelectrolyte Films. <i>Langmuir</i> , 1995, 11, 3554-3559.	3.5	149
115	Self-Assembled Injectable Peptide Hydrogels Capable of Triggering Antitumor Immune Response. <i>Biomacromolecules</i> , 2017, 18, 3514-3523.	5.4	148
116	Electrostatic interactions in phospholipid membranes I: Influence of monovalent ions. <i>Colloid and Polymer Science</i> , 1986, 264, 46-55.	2.1	147
117	Polyoxometalate-Based Electro- and Photochromic Dual-Mode Devices. <i>Langmuir</i> , 2006, 22, 1949-1951.	3.5	147
118	Phases of phosphatidyl ethanolamine monolayers studied by synchrotron x-ray scattering. <i>Biophysical Journal</i> , 1991, 60, 1457-1476.	0.5	146
119	A Realistic Diffusion Model for Ultrathin Polyelectrolyte Films. <i>Macromolecules</i> , 1996, 29, 6901-6906.	4.8	146
120	Biological cells as templates for hollow microcapsules. <i>Journal of Microencapsulation</i> , 2001, 18, 385-395.	2.8	146
121	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptide-Porphyrin Co-Assemblies with a Self-Mineralized Reaction Center. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12503-12507.	13.8	145
122	Two-Stage pH Response of Poly(4-vinylpyridine) Grafted Gold Nanoparticles. <i>Macromolecules</i> , 2008, 41, 7254-7256.	4.8	144
123	Laser-Controllable Coatings for Corrosion Protection. <i>ACS Nano</i> , 2009, 3, 1753-1760.	14.6	144
124	Nonlinear Hairy Layer Theory of Electrophoretic Fingerprinting Applied to Consecutive Layer by Layer Polyelectrolyte Adsorption onto Charged Polystyrene Latex Particles. <i>Langmuir</i> , 1997, 13, 5294-5305.	3.5	143
125	Scanning Force Microscopy Investigation of Polyelectrolyte Nano- and Microcapsule Wall Texture. <i>Langmuir</i> , 2000, 16, 4059-4063.	3.5	143
126	Direct characterization of monolayers at the air-water interface. <i>Thin Solid Films</i> , 1988, 159, 1-15.	1.8	140

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127	A lithography-free method for directed colloidal crystal assembly based on wrinkling. <i>Soft Matter</i> , 2007, 3, 1530.	2.7	140
128	Controlled Release of DNA from Self-Degrading Microcapsules. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1894-1899.	3.9	140
129	Fractal Growth of Crystalline Phospholipid Domains in Monomolecular Layers. <i>Physical Review Letters</i> , 1986, 56, 2633-2636.	7.8	137
130	Encapsulation of proteins by layer-by-layer adsorption of polyelectrolytes onto protein aggregates: Factors regulating the protein release. <i>Biotechnology and Bioengineering</i> , 2001, 76, 207-213.	3.3	137
131	Nanoplasmonics for Dual-Molecule Release through Nanopores in the Membrane of Red Blood Cells. <i>ACS Nano</i> , 2012, 6, 4169-4180.	14.6	136
132	Flower-Shaped Supramolecular Assemblies: Hierarchical Organization of a Fullerene Bearing Long Aliphatic Chains. <i>Small</i> , 2007, 3, 2019-2023.	10.0	134
133	The interaction of antimicrobial peptides with membranes. <i>Advances in Colloid and Interface Science</i> , 2017, 247, 521-532.	14.7	134
134	Hydrogen-bonded multilayers of self-assembling silanes: structure elucidation by combined Fourier transform infra-red spectroscopy and X-ray scattering techniques. <i>Supramolecular Science</i> , 1995, 2, 9-24.	0.7	131
135	Fabrication of a Novel Type of Metallized Colloids and Hollow Capsules. <i>Langmuir</i> , 2002, 18, 6687-6693.	3.5	131
136	Reversibly Permeable Nanomembranes of Polymeric Microcapsules. <i>Journal of the American Chemical Society</i> , 2008, 130, 11572-11573.	13.7	131
137	Self-Healing and Antifouling Multifunctional Coatings Based on pH and Sulfide Ion Sensitive Nanocontainers. <i>Advanced Functional Materials</i> , 2013, 23, 3307-3314.	14.9	131
138	Manipulating the Properties of Polyelectrolyte Microcapsules by Glutaraldehyde Cross-Linking. <i>Chemistry of Materials</i> , 2005, 17, 4610-4616.	6.7	129
139	Inducing Spin Crossover in Metallo-supramolecular Polyelectrolytes through an Amphiphilic Phase Transition. <i>Journal of the American Chemical Society</i> , 2005, 127, 3110-3114.	13.7	129
140	Stimuli-Responsive Reversible Transport of Nanoparticles Across Water/Oil Interfaces. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 320-323.	13.8	128
141	Formation of luminescent spherical core-shell particles by the consecutive adsorption of polyelectrolyte and CdTe(S) nanocrystals on latex colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 163, 39-44.	4.7	127
142	Thermosensitive Hollow Capsules Based on Thermo-responsive Polyelectrolytes. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1784-1790.	2.2	127
143	Synthesis of Copper Sulfide Nanorod Arrays on Molecular Templates. <i>Nano Letters</i> , 2004, 4, 249-252.	9.1	127
144	A Coat of Many Functions. <i>Science</i> , 2013, 341, 1458-1459.	12.6	127

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145	The influence of the size and aspect ratio of anisotropic, porous CaCO ₃ particles on their uptake by cells. <i>Journal of Nanobiotechnology</i> , 2015, 13, 53.	9.1	127
146	Electroactive Cytochrome c Multilayers within a Polyelectrolyte Assembly. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4357-4360.	13.8	124
147	Charge-Controlled Permeability of Polyelectrolyte Microcapsules. <i>Journal of Physical Chemistry B</i> , 2005, 109, 13159-13165.	2.6	123
148	Scanning tunneling microscopy of lipid films and embedded biomolecules. <i>Chemical Physics Letters</i> , 1988, 145, 151-158.	2.6	120
149	Stable Weak Polyelectrolyte Microcapsules with pH-Responsive Permeability. <i>Macromolecules</i> , 2006, 39, 335-340.	4.8	120
150	Uniaxially Oriented Peptide Crystals for Active Optical Waveguiding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11186-11191.	13.8	120
151	Magnetic/gold nanoparticle functionalized biocompatible microcapsules with sensitivity to laser irradiation. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6899.	2.8	119
152	Langmuir monolayers as unique physical models. <i>Current Opinion in Colloid and Interface Science</i> , 2014, 19, 176-182.	7.4	118
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