Heinz Amenitsch

List of Publications by Year
in descending order

Version: 2024-02-01

445 papers	18,253 citations	17440 63 h-index	22166 113 g-index
459 all docs	459 docs citations	459 times ranked	20402 citing authors

#	Article	IF	Citations
1	Blockâ€Copolymers Enable Direct Reduction and Structuration of Noble Metalâ€Based Films. Small, 2022, 18, e2104204.	10.0	2
2	Human Antimicrobial Peptide Triggered Colloidal Transformations in Bacteria Membrane Lipopolysaccharides. Small, 2022, 18, e2104211.	10.0	10
3	Opsonin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties In Vivo. ACS Nano, 2022, 16, 2088-2100.	14.6	28
4	SAXS Reveals the Stabilization Effects of Modified Sugars on Model Proteins. Life, 2022, 12, 123.	2.4	3
5	Deep X-ray lithography on â€œsolâ€“gelâ€•processed noble metal mesoarchitectured films. Nanoscale, 2022, 14, 1706-1712.	5.6	0
6	Metal Sulfide Thin Films with Tunable Nanoporosity for Photocatalytic Applications. ACS Applied Nano Materials, 2022, 5, 1508-1520.	5.0	10
7	Selfâ€Assembly of Oriented Antibodyâ€Decorated Metalâ€“Organic Framework Nanocrystals for Activeâ€Targeting Applications. Advanced Materials, 2022, 34, e2106607.	21.0	23
8	Patterning a cellulose based dual-tone photoresist via deep X-ray lithography. Microelectronic Engineering, 2022, 256, 111720.	2.4	3
9	Honeycomb-structured copper indium sulfide thin films obtainedviaa nanosphere colloidal lithography method. Materials Advances, 2022, 3, 2884-2895.	5.4	6
10	In Situ Study of Nanoporosity Evolution during Dealloying AgAu and CoPd by Grazing-Incidence Small-Angle X-ray Scattering. Journal of Physical Chemistry C, 2022, 126, 4037-4047.	3.1	6
11	Unravelling the origin of the capacitance in nanostructured nitrogen-doped carbon - NiO hybrid electrodes deposited with laser. Ceramics International, 2022, 48, 15877-15888.	4.8	2
12	Humidity Response of Cellulose Thin Films. Biomacromolecules, 2022, 23, 1148-1157.	5.4	9
13	Supramolecular Chalcogenâ€Bonded Semiconducting Nanoribbons at Work in Lighting Devices. Angewandte Chemie, 2022, 134, .	2.0	3
14	Phenyleneâ€Bridged Perylene Monoimides as Acceptors for Organic Solar Cells: A Study on the Structureâ€“Property Relationship. Chemistry - A European Journal, 2022, 28, .	3.3	5
15	Supramolecular Chalcogenâ€Bonded Semiconducting Nanoribbons at Work in Lighting Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	18
16	An Integrated Bulk and Surface Modification Strategy for Gasâ€Quenched Inverted Perovskite Solar Cells with Efficiencies Exceeding 22%. Solar Rrl, 2022, 6, .	5.8	10
17	Membrane Phase Drives the Assembly of Gold Nanoparticles on Biomimetic Lipid Bilayers. Journal of Physical Chemistry C, 2022, 126, 4483-4494.	3.1	15
18	Structural Diversity in Multicomponent Nanocrystal Superlattices Comprising Lead Halide Perovskite Nanocubes. ACS Nano, 2022, 16, 7210-7232.	14.6	18

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19	SAXS measurements of azobenzene lipid vesicles reveal buffer-dependent photoswitching and quantitative Zâ†'E isomerisation by X-rays. Nanophotonics, 2022, 11, 2361-2368.	6.0	9
20	Magnetic Levitation of Personalized Nanoparticleâ€"Protein Corona as an Effective Tool for Cancer Detection. Nanomaterials, 2022, 12, 1397.	4.1	8
21	Selfâ€Assembly of Oriented Antibodyâ€Decorated Metalâ€"Organic Framework Nanocrystals for Activeâ€Targeting Applications (Adv. Mater. 21/2022). Advanced Materials, 2022, 34, .	21.0	0
22	SAXSDOG: open software for real-time azimuthal integration of 2D scattering images. Journal of Applied Crystallography, 2022, 55, 677-685.	4.5	14
23	Investigation on a MMACHC mutant from cblC disease: The c.394C>T variant. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2022, 1870, 140793.	2.3	1
24	Templateâ€Mediated Control over Polymorphism in the Vaporâ€Assisted Formation of Zeolitic Imidazolate Framework Powders and Films. Angewandte Chemie - International Edition, 2021, 60, 7553-7558.	13.8	20
25	Direct X-ray and electron-beam lithography of halogenated zeolitic imidazolate frameworks. Nature Materials, 2021, 20, 93-99.	27.5	112
26	Correction: Structural insights into fusion mechanisms of small extracellular vesicles with model plasma membranes. Nanoscale, 2021, 13, 13158-13158.	5.6	0
27	ÂµDrop: a system for high-throughput small-angle X-ray scattering measurements of microlitre samples. Journal of Applied Crystallography, 2021, 54, 132-141.	4.5	13
28	Templateâ€Mediated Control over Polymorphism in the Vaporâ€Assisted Formation of Zeolitic Imidazolate Framework Powders and Films. Angewandte Chemie, 2021, 133, 7631-7636.	2.0	2
29	Structural and Mechanical Properties of Silica Mesoporous Films Synthesized Using Deep X-Rays: Implications in the Construction of Devices. Frontiers in Materials, 2021, 8, .	2.4	7
30	Metalâ€"Insulator Transition of Ultrathin Sputtered Metals on Phenolic Resin Thin Films: Growth Morphology and Relations to Surface Free Energy and Reactivity. Nanomaterials, 2021, 11, 589.	4.1	4
31	In situ small-angle X-ray scattering reveals solution phase discharge of Liâ€"O ₂ batteries with weakly solvating electrolytes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
32	Investigation of Many-Body Exciton Recombination and Optical Anisotropy in Two-Dimensional Perovskites Having Different Layers with Alternating Cations in the Interlayer Space. Journal of Physical Chemistry C, 2021, 125, 7799-7807.	3.1	12
33	Stabilization of supramolecular membrane proteinâ€"lipid bilayer assemblies through immobilization in a crystalline exoskeleton. Nature Communications, 2021, 12, 2202.	12.8	35
34	Snapshots into carbon dots formation through a combined spectroscopic approach. Nature Communications, 2021, 12, 2640.	12.8	86
35	Perovskite-type superlattices from lead halide perovskite nanocubes. Nature, 2021, 593, 535-542.	27.8	152
36	Bioinspired Antimicrobial Coatings from Peptide-Functionalized Liquid Crystalline Nanostructures. ACS Applied Bio Materials, 2021, 4, 5295-5303.	4.6	10

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37	Highly Tunable Nanostructures in a Doubly pHâ€Responsive Pentablock Terpolymer in Solution and in Thin Films. Advanced Functional Materials, 2021, 31, 2102905.	14.9	7
38	Functionalized Mesoporous Thin Films for Biotechnology. Micromachines, 2021, 12, 740.	2.9	6
39	Novel Coreâ€“Shell Polyamine Phosphate Nanoparticles Selfâ€Assembled from PEGylated Poly(allylamine) Tj ETQq1 1 0.784314 rgBT	10.0	9
40	Structural Study of the Hydration of Lipid Membranes Upon Interaction With Mesoporous Supports Prepared by Standard Methods and/or Xâ€Ray Irradiation. Frontiers in Materials, 2021, 8, .	2.4	3
41	Interplay Among Dealloying, Ostwald Ripening, and Coalescence in Pt_XNi_{100â€“X} Bimetallic Alloys under Fuel-Cell-Related Conditions. ACS Catalysis, 2021, 11, 11360-11370.	11.2	15
42	Microfluidic Formulation of DNA-Loaded Multicomponent Lipid Nanoparticles for Gene Delivery. Pharmaceutics, 2021, 13, 1292.	4.5	25
43	Novel Coreâ€“Shell Polyamine Phosphate Nanoparticles Selfâ€Assembled from PEGylated Poly(allylamine) Tj ETQq1 1 0.784314 rgBT 17, 2170182.	10.0	0
44	Spatially and time-resolved SAXS for monitoring dynamic structural transitions during in situ generation of non-lamellar liquid crystalline phases in biologically relevant media. Journal of Colloid and Interface Science, 2021, 602, 415-425.	9.4	5
45	Structural insights into fusion mechanisms of small extracellular vesicles with model plasma membranes. Nanoscale, 2021, 13, 5224-5233.	5.6	16
46	Monodisperse Long-Chain Sulfobetaine-Capped CsPbBr₃ Nanocrystals and Their Superfluorescent Assemblies. ACS Central Science, 2021, 7, 135-144.	11.3	75
47	Two-dimensional perovskites with alternating cations in the interlayer space for stable light-emitting diodes. Nanophotonics, 2021, 10, 2145-2156.	6.0	17
48	Experimental Analysis on the Influence of Operating Profiles on High Temperature Polymer Electrolyte Membrane Fuel Cells. Energies, 2021, 14, 6737.	3.1	2
49	Detection of Pancreatic Ductal Adenocarcinoma by Ex Vivo Magnetic Levitation of Plasma Protein-Coated Nanoparticles. Cancers, 2021, 13, 5155.	3.7	11
50	The effect of CoPt-coated reduced-graphene oxide nanosheets upon the Smectic-A to Smectic-C* phase transition of a chiral liquid crystal. Liquid Crystals, 2020, 47, 831-837.	2.2	4
51	The boundary lipid around DMPC-spanning influenza A M2 transmembrane domain channels: Its structure and potential for drug accommodation. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183156.	2.6	4
52	A mechanistic explanation of the inhibitory role of the protein corona on liposomal gene expression. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183159.	2.6	10
53	In situ electrochemical grazing incidence small angle X-ray scattering: From the design of an electrochemical cell to an exemplary study of fuel cell catalyst degradation. Journal of Power Sources, 2020, 477, 229030.	7.8	10
54	Modulation of metal-azolate frameworks for the tunable release of encapsulated glycosaminoglycans. Chemical Science, 2020, 11, 10835-10843.	7.4	44

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55	Peering into the Formation of Cerium Oxide Colloidal Particles in Solution by In Situ Small-Angle X-ray Scattering. Langmuir, 2020, 36, 9175-9190.	3.5	10
56	Multi-technique analysis of extracellular vesicles: not only size matters. Advances in Biomembranes and Lipid Self-Assembly, 2020, 32, 157-177.	0.6	5
57	Comparison of fluorene, silafluorene and carbazole as linkers in perylene monoimide based non-fullerene acceptors. Materials Advances, 2020, 1, 2095-2106.	5.4	7
58	Gelling without Structuring: A SAXS Study of the Interactions among DNA Nanostars. Langmuir, 2020, 36, 10387-10396.	3.5	10
59	Polymorphism of human telomeric quadruplexes with drugs: a multi-technique biophysical study. Physical Chemistry Chemical Physics, 2020, 22, 11583-11592.	2.8	18
60	Evolution of the PtNi Bimetallic Alloy Fuel Cell Catalyst under Simulated Operational Conditions. ACS Applied Materials & Interfaces, 2020, 12, 17602-17610.	8.0	22
61	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie, 2020, 132, 8200-8204.	2.0	21
62	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie - International Edition, 2020, 59, 8123-8127.	13.8	55
63	Magnetically responsive horseradish peroxidase@ZIF-8 for biocatalysis. Chemical Communications, 2020, 56, 5775-5778.	4.1	41
64	Picosecond pumpâ€“probe X-ray scattering at the Elettra SAXS beamline. Journal of Synchrotron Radiation, 2020, 27, 51-59.	2.4	12
65	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. Journal of the American Chemical Society, 2019, 141, 14298-14305.	13.7	210
66	Interplay of protein corona and immune cells controls blood residency of liposomes. Nature Communications, 2019, 10, 3686.	12.8	160
67	Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8). Small, 2019, 15, e1902268.	10.0	95
68	Nanofibers versus Nanopores: A Comparison of the Electrochemical Performance of Hierarchically Ordered Porous Carbons. ACS Applied Energy Materials, 2019, 2, 5279-5291.	5.1	15
69	A DNA origami plasmonic sensor with environment-independent read-out. Nano Research, 2019, 12, 2900-2907.	10.4	2
70	Antituberculosis Drug Interactions with Membranes: A Biophysical Approach Applied to Bedaquiline. Membranes, 2019, 9, 141.	3.0	2
71	Combination of SAXS and Protein Painting Discloses the Three-Dimensional Organization of the Bacterial Cysteine Synthase Complex, a Potential Target for Enhancers of Antibiotic Action. International Journal of Molecular Sciences, 2019, 20, 5219.	4.1	9
72	Gene Therapy: Encapsulation, Visualization and Expression of Genes with Biomimetically Mineralized Zeolitic Imidazolate Frameworkâ€8 (ZIFâ€8) (Small 36/2019). Small, 2019, 15, 1970193.	10.0	4

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73	Ligand-free preparation of polymer/CuInS₂ nanocrystal films and the influence of 1,3-benzenedithiol on their photovoltaic performance and charge recombination properties. Journal of Materials Chemistry C, 2019, 7, 943-952.	5.5	8
74	Degradation of ZIF-8 in phosphate buffered saline media. CrystEngComm, 2019, 21, 4538-4544.	2.6	186
75	Chemical Stability of Mesoporous Oxide Thin Film Electrodes under Electrochemical Cycling: from Dissolution to Stabilization. Langmuir, 2019, 35, 6279-6287.	3.5	31
76	Cross-Linked Carbon Nanotube Adsorbents for Water Treatment: Tuning the Sorption Capacity through Chemical Functionalization. ACS Applied Materials & Interfaces, 2019, 11, 12920-12930.	8.0	45
77	In-situ aerosol nanoparticle characterization by small angle X-ray scattering at ultra-low volume fraction. Nature Communications, 2019, 10, 1122.	12.8	29
78	Mechanistic study of the nucleation and conformational changes of polyamines in presence of phosphate ions. Journal of Colloid and Interface Science, 2019, 543, 335-342.	9.4	16
79	Carbohydrates@MOFs. Materials Horizons, 2019, 6, 969-977.	12.2	46
80	Stable Ultraconcentrated and Ultradilute Colloids of CsPbX₃ (X = Cl, Br) Nanocrystals Using Natural Lecithin as a Capping Ligand. Journal of the American Chemical Society, 2019, 141, 19839-19849.	13.7	141
81	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 2348-2355.	13.7	351
82	Hierarchical organization of perylene bisimides and polyoxometalates for photo-assisted water oxidation. Nature Chemistry, 2019, 11, 146-153.	13.6	132
83	Position Accuracy of Gold Nanoparticles on DNA Origami Structures Studied with Small-Angle X-ray Scattering. Nano Letters, 2018, 18, 2609-2615.	9.1	43
84	A water-soluble, bay-functionalized perylenediimide derivative â€“ correlating aggregation and excited state dynamics. Nanoscale, 2018, 10, 2317-2326.	5.6	10
85	Laser ablation and injection moulding as techniques for producing micro channels compatible with Small Angle X-Ray Scattering. Microelectronic Engineering, 2018, 195, 7-12.	2.4	4
86	Peptide self-assembly into lamellar phases and the formation of lipid-peptide nanostructures. Nano Research, 2018, 11, 913-928.	10.4	22
87	Structural insights into pH-responsive drug release of self-assembling human serum albumin-silk fibroin nanocapsules. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 133, 176-187.	4.3	21
88	Salt concentration and charging velocity determine ion charge storage mechanism in nanoporous supercapacitors. Nature Communications, 2018, 9, 4145.	12.8	85
89	A Shapeâ€Induced Orientation Phase within 3D Nanocrystal Solids. Advanced Materials, 2018, 30, e1802078.	21.0	7
90	Dummy-atom modelling of stacked and helical nanostructures from solution scattering data. IUCrJ, 2018, 5, 390-401.	2.2	10

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91	Nanocrystals: A Shape-Induced Orientation Phase within 3D Nanocrystal Solids (Adv. Mater. 32/2018). Advanced Materials, 2018, 30, 1870235.	21.0	0
92	High Hydrostatic Pressure Induces a Lipid Phase Transition and Molecular Rearrangements in Lowâ€Density Lipoprotein Nanoparticles. Particle and Particle Systems Characterization, 2018, 35, 1800149.	2.3	2
93	Conversion of Copper Carbonate into a Metalâ€“Organic Framework. Chemistry of Materials, 2018, 30, 5630-5638.	6.7	30
94	Formation of highly ordered liquid crystalline coatings â€“ an in situ GISAXS study. Physical Chemistry Chemical Physics, 2018, 20, 21903-21909.	2.8	10
95	Inter-Backbone Charge Transfer as Prerequisite for Long-Range Conductivity in Perylene Bisimide Hydrogels. ACS Nano, 2018, 12, 5800-5806.	14.6	8
96	Human Biomolecular Corona of Liposomal Doxorubicin: The Overlooked Factor in Anticancer Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 22951-22962.	8.0	51
97	Ruthenium based photosensitizer/catalyst supramolecular architectures in light driven water oxidation. Inorganica Chimica Acta, 2017, 454, 171-175.	2.4	18
98	New insights into the GINS complex explain the controversy between existing structural models. Scientific Reports, 2017, 7, 40188.	3.3	11
99	Quantification of ion confinement and desolvation in nanoporous carbon supercapacitors with modelling and in situ X-ray scattering. Nature Energy, 2017, 2, .	39.5	210
100	On the formation of Bi 2 S 3 -cellulose nanocomposite films from bismuth xanthates and trimethylsilyl-cellulose. Carbohydrate Polymers, 2017, 164, 294-300.	10.2	13
101	Exploring the interactions of irbesartan and irbesartanâ€“2-hydroxypropyl-Î²-cyclodextrin complex with model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1089-1098.	2.6	26
102	Biobased Cellulosicâ€“CuInS₂ Nanocomposites for Optoelectronic Applications. ACS Sustainable Chemistry and Engineering, 2017, 5, 3115-3122.	6.7	24
103	Monodisperse Iron Oxide Nanoparticles by Thermal Decomposition: Elucidating Particle Formation by Second-Resolved in Situ Small-Angle X-ray Scattering. Chemistry of Materials, 2017, 29, 4511-4522.	6.7	102
104	In Situ Monitoring of Nanostructure Formation during the Digestion of Mayonnaise. ACS Omega, 2017, 2, 1441-1446.	3.5	31
105	Monoacyl phosphatidylcholine inhibits the formation of lipid multilamellar structures during in vitro lipolysis of self-emulsifying drug delivery systems. European Journal of Pharmaceutical Sciences, 2017, 108, 62-70.	4.0	13
106	Pressure effects on Î±-synuclein amyloid fibrils: An experimental investigation on their dissociation and reversible nature. Archives of Biochemistry and Biophysics, 2017, 627, 46-55.	3.0	11
107	Impact of the biomolecular corona on the structure of PEGylated liposomes. Biomaterials Science, 2017, 5, 1884-1888.	5.4	24
108	In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. Journal of Controlled Release, 2017, 255, 45-53.	9.9	27

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109	Twist-grain boundary phase induced by Au nanoparticles in a chiral liquid crystal host. Liquid Crystals, 2017, 44, 1575-1581.	2.2	17
110	Structural and optical properties of a perylene bisimide in aqueous media. Chemical Physics Letters, 2017, 683, 454-458.	2.6	11
111	One-Step Synthesis of Mesoporous Silica Thin Films Containing Available COOH Groups. ACS Omega, 2017, 2, 4548-4555.	3.5	20
112	Aggregation-Induced Energy Transfer in a Decanuclear Os(II)/Ru(II) Polypyridine Light-Harvesting Antenna Dendrimer. CheM, 2017, 3, 494-508.	11.7	26
113	Peering into the Mechanism of Low-Temperature Synthesis of Bronze-type TiO₂ in Ionic Liquids. Crystal Growth and Design, 2017, 17, 5586-5601.	3.0	21
114	Investigation on different chemical stability of mitochondrial Hsp60 and its precursor. Biophysical Chemistry, 2017, 229, 31-38.	2.8	6
115	Structural Investigation of Bulk and Dispersed Inverse Lyotropic Hexagonal Liquid Crystalline Phases of Eicosapentaenoic Acid Monoglyceride. Langmuir, 2017, 33, 14045-14057.	3.5	54
116	Direct monitoring of lipid transfer on exposure of citrem nanoparticles to an ethanol solution containing soybean phospholipids by combining synchrotron SAXS with microfluidics. Analyst, The, 2017, 142, 3118-3126.	3.5	23
117	In Situ Measurement of Electrosorption-Induced Deformation Reveals the Importance of Micropores in Hierarchical Carbons. ACS Applied Materials & Interfaces, 2017, 9, 23319-23324.	8.0	29
118	Manipulation of lipoplex concentration at the cell surface boosts transfection efficiency in hard-to-transfect cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 681-691.	3.3	25
119	A carbon nanopore model to quantify structure and kinetics of ion electrosorption with in situ small-angle X-ray scattering. Physical Chemistry Chemical Physics, 2017, 19, 15549-15561.	2.8	39
120	Cantilever bending based on humidity-actuated mesoporous silica/silicon bilayers. Beilstein Journal of Nanotechnology, 2016, 7, 637-644.	2.8	15
121	A structurally diverse library of safe-by-design citrem-phospholipid lamellar and non-lamellar liquid crystalline nano-assemblies. Journal of Controlled Release, 2016, 239, 1-9.	9.9	76
122	Pore shape and sorption behaviour in mesoporous ordered silica films. Journal of Applied Crystallography, 2016, 49, 1713-1720.	4.5	7
123	Influence of the degree of scandium supersaturation on the precipitation kinetics of rapidly solidified Al-Mg-Sc-Zr alloys. Acta Materialia, 2016, 117, 43-50.	7.9	85
124	Peptides at the Interface: Self-Assembly of Amphiphilic Designer Peptides and Their Membrane Interaction Propensity. Biomacromolecules, 2016, 17, 3591-3601.	5.4	11
125	Resveratrol Interaction with Lipid Bilayers: A Synchrotron X-ray Scattering Study. Langmuir, 2016, 32, 12914-12922.	3.5	11
126	Design of broadband SERS substrates by the laser-induced aggregation of gold nanoparticles. Journal of Materials Chemistry C, 2016, 4, 6152-6159.	5.5	13

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127	Platinum nanozymes recover cellular ROS homeostasis in an oxidative stress-mediated disease model. Nanoscale, 2016, 8, 3739-3752.	5.6	203
128	Detailed Study of the Nanocasting Process by in Situ X-ray Scattering and Diffraction. Journal of Physical Chemistry C, 2016, 120, 1854-1862.	3.1	6
129	Effects of resveratrol on the structure and fluidity of lipid bilayers: a membrane biophysical study. Soft Matter, 2016, 12, 2118-2126.	2.7	36
130	Stability and disassembly properties of human naÃ¨ve Hsp60 and bacterial GroEL chaperonins. Biophysical Chemistry, 2016, 208, 68-75.	2.8	8
131	Tracking the structural arrangement of ions in carbon supercapacitor nanopores using in situ small-angle X-ray scattering. Energy and Environmental Science, 2015, 8, 1725-1735.	30.8	126
132	Surface Passivation Improves the Synthesis of Highly Stable and Specific DNA-Functionalized Gold Nanoparticles with Variable DNA Density. ACS Applied Materials & Interfaces, 2015, 7, 7033-7040.	8.0	28
133	Solvent Molding of Organic Morphologies Made of Supramolecular Chiral Polymers. Journal of the American Chemical Society, 2015, 137, 8150-8160.	13.7	48
134	In Situ Determination of Structure and Fluctuations of Coexisting Fluid Membrane Domains. Biophysical Journal, 2015, 108, 854-862.	0.5	73
135	Influence of the nanoprecipitation conditions on the supramolecular structure of squalenoyled nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 89-95.	4.3	10
136	Surface-Sensitive Approach to Interpreting Supramolecular Rearrangements in Cellulose by Synchrotron Grazing Incidence Small-Angle X-ray Scattering. ACS Macro Letters, 2015, 4, 713-716.	4.8	38
137	Coreâ€“Shell Structure of Monodisperse Poly(ethylene glycol)-Grafted Iron Oxide Nanoparticles Studied by Small-Angle X-ray Scattering. Chemistry of Materials, 2015, 27, 4763-4771.	6.7	52
138	Ionic liquid- and surfactant-controlled crystallization of WO₃ films. Physical Chemistry Chemical Physics, 2015, 17, 18138-18145.	2.8	13
139	Hierarchical Formation Mechanism of CoFe₂O₄ Mesoporous Assemblies. ACS Nano, 2015, 9, 7277-7286.	14.6	30
140	Tracking morphologies at the nanoscale: Self-assembly of an amphiphilic designer peptide into a double helix superstructure. Nano Research, 2015, 8, 1822-1833.	10.4	22
141	Enhanced Cutinase-Catalyzed Hydrolysis of Polyethylene Terephthalate by Covalent Fusion to Hydrophobins. Applied and Environmental Microbiology, 2015, 81, 3586-3592.	3.1	149
142	Getting order in mesostructured thin films, from pore organization to crystalline walls, the case of 3-glycidoxypropyltrimethoxysilane. Physical Chemistry Chemical Physics, 2015, 17, 10679-10686.	2.8	8
143	Killing cancer cells using nanotechnology: novel poly(I:C) loaded liposomeâ€“silica hybrid nanoparticles. Journal of Materials Chemistry B, 2015, 3, 7408-7416.	5.8	30
144	Lipid composition: a â€œkey factorâ€•for the rational manipulation of the liposomeâ€“protein corona by liposome design. RSC Advances, 2015, 5, 5967-5975.	3.6	77

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145	Polymer/Nanocrystal Hybrid Solar Cells: Influence of Molecular Precursor Design on Film Nanomorphology, Charge Generation and Device Performance. Advanced Functional Materials, 2015, 25, 409-420.	14.9	44
146	SAXS Analysis of Catalyst Degradation in High Temperature PEM Fuel Cells Subjected to Accelerated Ageing Tests. Fuel Cells, 2014, 14, 938-944.	2.4	16
147	Selfâ€Assembly of Ferromagnetic Organicâ€“Inorganic Perovskiteâ€Like Films. Small, 2014, 10, 4912-4919.	10.0	13
148	Effect of polyethyleneglycol (PEG) chain length on the bioâ€“nano-interactions between PEGylated lipid nanoparticles and biological fluids: from nanostructure to uptake in cancer cells. Nanoscale, 2014, 6, 2782.	5.6	433
149	Role of cholesterol on the transfection barriers of cationic lipid/DNA complexes. Applied Physics Letters, 2014, 105, .	3.3	5
150	Design of molecule-based magnetic conductors. Nano Research, 2014, 7, 1832-1842.	10.4	8
151	Global small-angle X-ray scattering data analysis for multilamellar vesicles: the evolution of the scattering density profile model. Journal of Applied Crystallography, 2014, 47, 173-180.	4.5	62
152	Order vs. disorderâ€”a huge increase in ionic conductivity of nanocrystalline LiAlO2 embedded in an amorphous-like matrix of lithium aluminate. Journal of Materials Chemistry A, 2014, 2, 20295-20306.	10.3	79
153	Exfoliated Graphene into Highly Ordered Mesoporous Titania Films: Highly Performing Nanocomposites from Integrated Processing. ACS Applied Materials & Interfaces, 2014, 6, 795-802.	8.0	27
154	Structural Transitions in Asymmetric Poly(styrene)-block-Poly(lactide) Thin Films Induced by Solvent Vapor Exposure. ACS Applied Materials & Interfaces, 2014, 6, 12146-12152.	8.0	25
155	Enhanced Photocatalytic Activity in Low-Temperature Processed Titania Mesoporous Films. Journal of Physical Chemistry C, 2014, 118, 12000-12009.	3.1	22
156	Real time X-ray scattering study of the formation of ZnS nanoparticles using synchrotron radiation. Materials Chemistry and Physics, 2014, 144, 310-317.	4.0	6
157	Nanoimprinted Comb Structures in a Low Bandgap Polymer: Thermal Processing and Their Application in Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 7633-7642.	8.0	9
158	Thorough small-angle X-ray scattering analysis of the instability of liquid micro-jets in air. Journal of Synchrotron Radiation, 2014, 21, 193-202.	2.4	4
159	Humidity-driven deformation of ordered mesoporous silica films. Bioinspired, Biomimetic and Nanobiomaterials, 2014, 3, 183-190.	0.9	21
160	Probing hemoglobin confinement inside submicron silica tubes using synchrotron SAXS and electrochemical response. European Biophysics Journal, 2013, 42, 371-382.	2.2	3
161	The effect of graphene on liquid-crystalline blue phases. Applied Physics Letters, 2013, 103, .	3.3	38
162	Structural characterization of cationic liposome/poly(I:C) complexes showing high ability in eliminating prostate cancer cells. RSC Advances, 2013, 3, 24597.	3.6	3

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