Jean Francois Berret

List of Publications by Year
in descending order

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166 papers	7,820 citations	28190 55 h-index	58464 82 g-index
168 all docs	168 docs citations	168 times ranked	7303 citing authors

#	Article	IF	Citations
1	Controlled Clustering of Superparamagnetic Nanoparticles Using Block Copolymers: Design of New Contrast Agents for Magnetic Resonance Imaging. Journal of the American Chemical Society, 2006, 128, 1755-1761.	6.6	356
2	The effects of aggregation and protein corona on the cellular internalization of iron oxide nanoparticles. Biomaterials, 2011, 32, 9353-9363.	5.7	209
3	The enzyme-like catalytic activity of cerium oxide nanoparticles and its dependency on Ce³⁺ surface area concentration. Nanoscale, 2018, 10, 6971-6980.	2.8	208
4	Linear rheology of entangled wormlike micelles. Langmuir, 1993, 9, 2851-2854.	1.6	191
5	Transient Rheology of Wormlike Micelles. Langmuir, 1997, 13, 2227-2234.	1.6	176
6	Precipitationâ^'Redispersion of Cerium Oxide Nanoparticles with Poly(acrylic acid):Â Toward Stable Dispersions. Langmuir, 2005, 21, 9359-9364.	1.6	176
7	A Universal Scaling Law to Predict the Efficiency of Magnetic Nanoparticles as MRI T2â€Contrast Agents. Advanced Healthcare Materials, 2012, 1, 502-512.	3.9	174
8	Inhomogeneous shear flows of wormlike micelles:mA master dynamic phase diagram. Physical Review E, 1997, 55, 1668-1676.	0.8	161
9	Shear-Induced Isotropic-to-Nematic Phase Transition in Equilibrium Polymers. Europhysics Letters, 1994, 25, 521-526.	0.7	159
10	How universal are the low temperature acoustic properties of glasses?. European Physical Journal B, 1988, 70, 65-72.	0.6	145
11	Rheology, birefringence, and small-angle neutron scattering in a charged micellar system: Evidence of a shear-induced phase transition. Physical Review E, 1997, 56, 1869-1878.	0.8	139
12	Interactions between Magnetic Nanowires and Living Cells: Uptake, Toxicity, and Degradation. ACS Nano, 2011, 5, 5354-5364.	7.3	132
13	Fluorocarbon associative polymers. Current Opinion in Colloid and Interface Science, 2003, 8, 296-306.	3.4	120
14	Local viscoelasticity of living cells measured by rotational magnetic spectroscopy. Nature Communications, 2016, 7, 10134.	5.8	116
15	Electrosteric Enhanced Stability of Functional Sub-10 nm Cerium and Iron Oxide Particles in Cell Culture Medium. Langmuir, 2009, 25, 9064-9070.	1.6	110
16	Electrostatic Self-Assembly of Oppositely Charged Copolymers and Surfactants:Â A Light, Neutron, and X-ray Scattering Study. Macromolecules, 2004, 37, 4922-4930.	2.2	107
17	Evidence of Nonlinear Chain Stretching in the Rheology of Transient Networks. Macromolecules, 2000, 33, 1841-1847.	2.2	101
18	Shear-Induced Transitions and Instabilities in Surfactant Wormlike Micelles. Advances in Polymer Science, 2009, , 1-71.	0.4	101

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19	Versatile electrostatic assembly of nanoparticles and polyelectrolytes: Coating, clustering and layer-by-layer processes. Current Opinion in Colloid and Interface Science, 2012, 17, 97-105.	3.4	101
20	Associating Polymers: From â€œFlowersâ€•to Transient Networks. Physical Review Letters, 1998, 81, 5584-5587.	2.9	99
21	Redispersible Hybrid Nanopowders: Cerium Oxide Nanoparticle Complexes with Phosphonated-PEG Oligomers. ACS Nano, 2008, 2, 879-888.	7.3	98
22	Vesicles and Onions from Charged Surfactant Bilayers:Â A Neutron Scattering Study. Langmuir, 1996, 12, 1212-1218.	1.6	97
23	Electrostatic Coâ€Assembly of Iron Oxide Nanoparticles and Polymers: Towards the Generation of Highly Persistent Superparamagnetic Nanorods. Advanced Materials, 2008, 20, 3877-3881.	11.1	97
24	Shear-Thickening Dilute Surfactant Solutions: Equilibrium Structure As Studied by Small-Angle Neutron Scattering. Langmuir, 1999, 15, 6755-6763.	1.6	96
25	Correlations between Rheological and Optical Properties of a Micellar Solution under Shear Banding Flow. Langmuir, 2000, 16, 6464-6474.	1.6	92
26	Evidence of Shear-Induced Fluid Fracture in Telechelic Polymer Networks. Physical Review Letters, 2001, 87, 048303.	2.9	90
27	Structure of colloidal complexes obtained from neutral/poly- electrolyte copolymers and oppositely charged surfactants. European Physical Journal E, 2002, 9, 301-311.	0.7	90
28	Colloidal Complexes Obtained from Charged Block Copolymers and Surfactants: A Comparison between Small-Angle Neutron Scattering, Cryo-TEM, and Simulationsâ€. Journal of Physical Chemistry B, 2003, 107, 8111-8118.	1.2	89
29	Evidence of a two-step process and pathway dependency in the thermodynamics of poly(diallyldimethylammonium chloride)/poly(sodium acrylate) complexation. Soft Matter, 2014, 10, 9496-9505.	1.2	87
30	Towards a better understanding on agglomeration mechanisms and thermodynamic properties of TiO2 nanoparticles interacting with natural organic matter. Water Research, 2015, 80, 139-148.	5.3	87
31	Poly(acrylic acid)-coated iron oxide nanoparticles: Quantitative evaluation of the coating properties and applications for the removal of a pollutant dye. Journal of Colloid and Interface Science, 2013, 395, 24-30.	5.0	85
32	Polymer-Coated Cerium Oxide Nanoparticles as Oxidoreductase-like Catalysts. ACS Applied Materials & Interfaces, 2020, 12, 42056-42066.	4.0	83
33	Rheology of Wormlike Micelles: Equilibrium Properties and Shear Banding Transitions. , 2006, , 667-720.		82
34	Nonlinear rheology of telechelic polymer networks. Journal of Rheology, 2001, 45, 477-492.	1.3	79
35	Redox Active Cerium Oxide Nanoparticles: Current Status and Burning Issues. Small, 2021, 17, e2102342.	5.2	79
36	Synthesis and Linear Viscoelasticity of Fluorinated Hydrophobically Modified Ethoxylated Urethanes (F-HEUR). Macromolecules, 1998, 31, 1305-1311.	2.2	77

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37	Flow-structure relationship of shear-thickening surfactant solutions. Europhysics Letters, 1998, 41, 677-682.	0.7	75
38	Interactions between sub-10-nm iron and cerium oxide nanoparticles and 3T3 fibroblasts: the role of the coating and aggregation state. Nanotechnology, 2010, 21, 145103.	1.3	75
39	Structure and rheology of concentrated wormlike micelles [4]at the shear-induced isotropic-to-nematic transition. European Physical Journal B, 1998, 5, 67-77.	0.6	74
40	Chemical analysis and aqueous solution properties of charged amphiphilic block copolymers PBA-b-PAA synthesized by MADIXÂ®. Journal of Colloid and Interface Science, 2007, 316, 897-911.	5.0	73
41	Size Distribution of Superparamagnetic Particles Determined by Magnetic Sedimentation. Langmuir, 2007, 23, 2993-2999.	1.6	72
42	Preventing Corona Effects: Multiphosphonic Acid Poly(ethylene glycol) Copolymers for Stable Stealth Iron Oxide Nanoparticles. Biomacromolecules, 2014, 15, 3171-3179.	2.6	71
43	A health concern regarding the protein corona, aggregation and disaggregation. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 971-991.	1.1	71
44	Time scales in shear banding of wormlike micelles. Europhysics Letters, 2003, 62, 230-236.	0.7	67
45	Novel core-shell structure for colloids made of neutral/polyelectrolyte diblock copolymers and oppositely charged surfactants. Europhysics Letters, 2002, 58, 912-918.	0.7	63
46	Macroscopic Response of Wormlike Micelles to Elongational Flow. Langmuir, 1996, 12, 6309-6314.	1.6	62
47	Growth mechanism of nanostructured superparamagnetic rods obtained by electrostatic co-assembly. Soft Matter, 2010, 6, 1997.	1.2	62
48	Stoichiometry of Electrostatic Complexes Determined by Light Scattering. Macromolecules, 2007, 40, 4260-4266.	2.2	61
49	Nanoparticle Aggregation Controlled by Desalting Kinetics. Journal of Physical Chemistry C, 2009, 113, 16371-16379.	1.5	61
50	Insight in shear banding under transient flow. Physical Review E, 2001, 63, 022501.	0.8	60
51	Superparamagnetic iron oxide polyacrylic acid coated Î³-Fe2O3 nanoparticles do not affect kidney function but cause acute effect on the cardiovascular function in healthy mice. Toxicology and Applied Pharmacology, 2013, 266, 276-288.	1.3	60
52	Stable oxide nanoparticle clusters obtained by complexation. Journal of Colloid and Interface Science, 2006, 303, 315-318.	5.0	59
53	Magnetic micropillars as a tool to govern substrate deformations. Lab on A Chip, 2011, 11, 2630.	3.1	59
54	Probing Oppositely Charged Surfactant and Copolymer Interactions by Isothermal Titration Microcalorimetry. Langmuir, 2010, 26, 11750-11758.	1.6	58

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55	Identification of flow mechanisms for a soft crystal. European Physical Journal B, 1998, 3, 59-72.	0.6	57
56	Magnetic wire-based sensors for the microrheology of complex fluids. Physical Review E, 2013, 88, 062306.	0.8	57
57	Evidence of overcharging in the complexation between oppositely charged polymers and surfactants. Journal of Chemical Physics, 2005, 123, 164703.	1.2	54
58	Controlling electrostatic co-assembly using ion-containing copolymers: From surfactants to nanoparticles. Advances in Colloid and Interface Science, 2011, 167, 38-48.	7.0	54
59	Orientation and twins separation in a micellar cubic crystal under oscillating shear. Physical Review B, 1996, 54, 14869-14872.	1.1	53
60	Compaction and condensation of DNA mediated by the C-terminal domain of Hfq. Nucleic Acids Research, 2017, 45, 7299-7308.	6.5	50
61	Shear-Induced Orientations and Textures of Nematic Living Polymers. Macromolecules, 1995, 28, 1681-1687.	2.2	49
62	Shear-thickening transition in surfactant solutions: New experimental features from rheology and flow birefringence. European Physical Journal E, 2000, 2, 343.	0.7	47
63	Perfluoroalkyl End-Capped Poly(ethylene oxide). Synthesis, Characterization, and Rheological Behavior in Aqueous Solution. Macromolecules, 2003, 36, 449-457.	2.2	46
64	Shear-induced micellar growth in dilute surfactant solutions. Europhysics Letters, 2001, 54, 605-611.	0.7	45
65	Dynamics of paramagnetic nanostructured rods under rotating field. Journal of Magnetism and Magnetic Materials, 2011, 323, 1309-1313.	1.0	44
66	Low-Temperature Acoustic Properties of(KBr)1â˜'x(KCN)xin the Orientationally Disordered State. Physical Review Letters, 1985, 55, 2013-2016.	2.9	42
67	Metastable versus unstable transients at the onset of a shear-induced phase transition. Physical Review E, 1999, 60, 4268-4271.	0.8	42
68	Interfacial Activity of Phosphonated-PEG Functionalized Cerium Oxide Nanoparticles. Langmuir, 2012, 28, 11448-11456.	1.6	41
69	The role of surface charge in the interaction of nanoparticles with model pulmonary surfactants. Soft Matter, 2018, 14, 5764-5774.	1.2	41
70	Kinetics of the Shear-Thickening Transition Observed in Dilute Surfactant Solutions and Investigated by Flow Birefringence. Langmuir, 2002, 18, 7279-7286.	1.6	40
71	In vitrotoxicity of nanoceria: effect of coating and stability in biofluids. Nanotoxicology, 2014, 8, 1-13.	1.6	40
72	Magnetic Nanowires Generated via the Waterborne Desalting Transition Pathway. ACS Applied Materials & Interfaces, 2011, 3, 1049-1054.	4.0	34

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73	Biophysicochemical Interaction of a Clinical Pulmonary Surfactant with Nanoalumina. Langmuir, 2015, 31, 7346-7354.	1.6	33
74	The shear-induced transition between oriented textures and layer-sliding-mediated flows in a micellar cubic crystal. Journal of Physics Condensed Matter, 1996, 8, 9513-9517.	0.7	32
75	Rheology of nematic wormlike micelles. Journal of Rheology, 1995, 39, 725-741.	1.3	31
76	Polymerâ^'Nanoparticle Complexes:â€‰ From Dilute Solution to Solid State. Journal of Physical Chemistry B, 2006, 110, 19140-19146.	1.2	31
77	Stability and Adsorption Properties of Electrostatic Complexes:â€‰ Design of Hybrid Nanostructures for Coating Applications. Langmuir, 2007, 23, 11996-11998.	1.6	31
78	Solvatochromic dissociation of non-covalent fluorescent organic nanoparticles upon cell internalization. Physical Chemistry Chemical Physics, 2011, 13, 13268.	1.3	31
79	Rheology and nuclear magnetic resonance measurements under shear of sodium dodecyl sulfate/decanol/water nematics. Journal of Rheology, 2001, 45, 29-48.	1.3	29
80	Universal scattering behavior of coassembled nanoparticle-polymer clusters. Physical Review E, 2008, 78, 040401.	0.8	29
81	Intracellular micro-rheology probed by micron-sized wires. Biomaterials, 2013, 34, 6299-6305.	5.7	29
82	Phase diagram of the dipolar glassK1â^'x(NH4)xI. Physical Review B, 1992, 46, 13747-13750.	1.1	28
83	Influence of the Formulation Process in Electrostatic Assembly of Nanoparticles and Macromolecules in Aqueous Solution: The Interaction Pathway. Journal of Physical Chemistry C, 2010, 114, 16373-16381.	1.5	28
84	Influence of the Formulation Process in Electrostatic Assembly of Nanoparticles and Macromolecules in Aqueous Solution: The Mixing Pathway. Journal of Physical Chemistry C, 2010, 114, 12870-12877.	1.5	28
85	Supported pulmonary surfactant bilayers on silica nanoparticles: formulation, stability and impact on lung epithelial cells. Nanoscale, 2017, 9, 14967-14978.	2.8	28
86	Organic versus hybrid coacervate complexes: co-assembly and adsorption properties. Soft Matter, 2008, 4, 577.	1.2	27
87	Self-Assembly of Complex Salts of Cationic Surfactants and Anionicâ€“Neutral Block Copolymers. Dispersions with Liquid-Crystalline Internal Structure. Langmuir, 2013, 29, 14024-14033.	1.6	27
88	Fabric Softenerâ€“Cellulose Nanocrystal Interaction: A Model for Assessing Surfactant Deposition on Cotton. Journal of Physical Chemistry B, 2017, 121, 2299-2307.	1.2	26
89	Pulmonary surfactant inhibition of nanoparticle uptake by alveolar epithelial cells. Scientific Reports, 2020, 10, 19436.	1.6	26
90	Electrostatic self-assembly in polyelectrolyte-neutral block copolymers and oppositely charged surfactant solutions. Physica B: Condensed Matter, 2004, 350, 204-206.	1.3	25

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91	Electrostatic Coâ€assembly of Magnetic Nanoparticles and Fluorescent Nanospheres: A Versatile Approach Towards Bimodal Nanorods. Small, 2009, 5, 2533-2536.	5.2	25
92	Isothermal titration calorimetry as a powerful tool to quantify and better understand agglomeration mechanisms during interaction processes between TiO₂ nanoparticles and humic acids. Environmental Science: Nano, 2015, 2, 541-550.	2.2	25
93	Serum Protein-Resistant Behavior of Multisite-Bound Poly(ethylene glycol) Chains on Iron Oxide Surfaces. ACS Omega, 2017, 2, 1309-1320.	1.6	25
94	Polyelectrolyte assisted charge titration spectrometry: Applications to latex and oxide nanoparticles. Journal of Colloid and Interface Science, 2016, 475, 36-45.	5.0	24
95	Tumbling Behaviour of Nematic Worm-like Micelles under Shear Flow. Europhysics Letters, 1995, 32, 137-142.	0.7	23
96	Delayed hepatic uptake of multi-phosphonic acid poly(ethylene glycol) coated iron oxide measured by real-time magnetic resonance imaging. RSC Advances, 2016, 6, 63788-63800.	1.7	23
97	Effect of Nanoparticles on the Bulk Shear Viscosity of a Lung Surfactant Fluid. ACS Nano, 2020, 14, 466-475.	7.3	23
98	Brake wear (nano)particle characterization and toxicity on airway epithelial cells in vitro. Environmental Science: Nano, 2018, 5, 1036-1044.	2.2	22
99	Design of eco-friendly fabric softeners: Structure, rheology and interaction with cellulose nanocrystals. Journal of Colloid and Interface Science, 2018, 525, 206-215.	5.0	22
100	Interactions between DNA and the Hfq Amyloid-like Region Trigger a Viscoelastic Response. Biomacromolecules, 2020, 21, 3668-3677.	2.6	22
101	Alveolar mimics with periodic strain and its effect on the cell layer formation. Biotechnology and Bioengineering, 2020, 117, 2827-2841.	1.7	21
102	Thirtyâ€Femtogram Detection of Iron in Mammalian Cells. Small, 2012, 8, 2036-2044.	5.2	20
103	Magnetic microrods as a tool for microrheology. Soft Matter, 2015, 11, 2563-2569.	1.2	20
104	Antioxidant Activity and Toxicity Study of Cerium Oxide Nanoparticles Stabilized with Innovative Functional Copolymers. Advanced Healthcare Materials, 2021, 10, e2100059.	3.9	20
105	Phonon Softening, Orientational Slowing-Down and Diffuse Scattering in (KI) _{1- x} (ND ₄ I) _x Mixed Crystals. Europhysics Letters, 1991, 16, 91-96.	0.7	19
106	Interactions Between Polymers and Nanoparticles: Formation of â€œSupermicellarâ€•Hybrid Aggregates. Soft Materials, 2004, 2, 71-84.	0.8	19
107	Rotational microrheology of Maxwell fluids using micron-sized wires. Soft Matter, 2014, 10, 1167.	1.2	18
108	Monophosphonic versus Multiphosphonic Acid Based PEGylated Polymers for Functionalization and Stabilization of Metal (Ce, Fe, Ti, Al) Oxide Nanoparticles in Biological Media. Advanced Materials Interfaces, 2019, 6, 1801814.	1.9	18

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109	3D rotational diffusion of micrometric wires using 2D video microscopy. Europhysics Letters, 2012, 97, 30008.	0.7	17
110	Phase Behavior of Polyelectrolyte Block Copolymers in Mixed Solvents. Macromolecules, 2008, 41, 1872-1880.	2.2	16
111	Design and Applications of a Fluorescent Labeling Technique for Lipid and Surfactant Preformed Vesicles. ACS Omega, 2019, 4, 10485-10493.	1.6	16
112	On the rheology of pulmonary surfactant: Effects of concentration and consequences for the surfactant replacement therapy. Colloids and Surfaces B: Biointerfaces, 2019, 178, 337-345.	2.5	16
113	Transient 1â€“2 plane small-angle x-ray scattering measurements of micellar orientation in aligning and tumbling nematic surfactant solutions. Journal of Rheology, 2002, 46, 927.	1.3	15
114	Glasslike thermal properties and isotope effect inRb1â^'x(NH4)xH2PO4mixed crystals. Physical Review Letters, 1991, 67, 93-96.	2.9	14
115	Wireâ€Active Microrheology to Differentiate Viscoelastic Liquids from Soft Solids. ChemPhysChem, 2016, 17, 4134-4143.	1.0	14
116	Magnetic wire active microrheology of human respiratory mucus. Soft Matter, 2021, 17, 7585-7595.	1.2	14
117	Acoustic properties and relationship with the low frequency light scattering in an optical glass. Journal of Non-Crystalline Solids, 1986, 87, 70-85.	1.5	13
118	Anomalous thermoelastic behavior of (KI)1-x(NH4I)x. Solid State Communications, 1990, 74, 1041-1045.	0.9	13
119	Nanoparticleâ€“Protein Interaction: Demystifying the Correlation between Protein Corona and Aggregation Phenomena. ACS Applied Materials & Interfaces, 2022, 14, 28559-28569.	4.0	13
120	Stabilization and controlled association of inorganic nanoparticles using block copolymers. Europhysics Letters, 2005, 69, 284-290.	0.7	12
121	Stabilization and controlled association of superparamagnetic nanoparticles using block copolymers. Journal of Magnetism and Magnetic Materials, 2009, 321, 667-670.	1.0	12
122	Common trends in the epidemic of Covid-19 disease. European Physical Journal Plus, 2020, 135, 517.	1.2	12
123	Brillouin-scattering study of the orientational glass transition in (KCl)1â^'x(KCN)xmixed crystals. Physical Review B, 1989, 39, 13451-13456.	1.1	11
124	Tumbling dynamics in a nematic surfactant solution in transient shear flows. Journal of Rheology, 1999, 43, 765-779.	1.3	11
125	Calorimetric investigations of (NaCN)1â^'x(KCN)xglasses. Physical Review B, 1990, 42, 7596-7603.	1.1	10
126	Effect of pH on the Complex Coacervation and on the Formation of Layers of Sodium Alginate and PDADMAC. Langmuir, 2020, 36, 2510-2523.	1.6	10

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127	Reorientation kinetics of superparamagnetic nanostructured rods. Journal of Physics Condensed Matter, 2008, 20, 494216.	0.7	9
128	Sphere-to-cylinder transition in hierarchical electrostatic complexes. Colloid and Polymer Science, 2009, 287, 801-810.	1.0	9
129	Revealing the pulmonary surfactant corona on silica nanoparticles by cryo-transmission electron microscopy. Nanoscale Advances, 2020, 2, 642-647.	2.2	9
130	Versatile Coating Platform for Metal Oxide Nanoparticles: Applications to Materials and Biological Science. Langmuir, 2022, 38, 5323-5338.	1.6	9
131	Inelastic and quasi-elastic light scattering in (NaCN)1?x(KCN)x quadrupolar glasses. European Physical Journal B, 1990, 80, 203-206.	0.6	8
132	Raman investigation of rotational and translational excitations in K1â^'x(NH4)xI mixed crystals. Journal of Chemical Physics, 1992, 96, 4896-4903.	1.2	8
133	Protonation of Lipids Impacts the Supramolecular and Biological Properties of Their Self-Assembly. Langmuir, 2011, 27, 12336-12345.	1.6	8
134	Nanoparticle-Lipid Interaction: Job Scattering Plots to Differentiate Vesicle Aggregation from Supported Lipid Bilayer Formation. Colloids and Interfaces, 2018, 2, 50.	0.9	8
135	Template-Free Preparation of Thermoresponsive Magnetic Cilia Compatible with Biological Conditions. Journal of Physical Chemistry C, 2020, 124, 26068-26075.	1.5	8
136	High-frequency dielectric study of the dynamics of (KBr)1?x (KCN) x mixed crystals. European Physical Journal B, 1988, 70, 485-490.	0.6	7
137	Frozen-in correlations inK1â^'x(NH4)xI mixed crystals: A Raman-scattering study. Physical Review B, 1994, 49, 15588-15593.	1.1	7
138	Stimuli-responsive assembly of iron oxide nanoparticles into magnetic flexible filaments. Emergent Materials, 2021, 4, 1351-1362.	3.2	7
139	Silicone incorporation into an esterquat based fabric softener in presence of guar polymers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 615, 126175.	2.3	7
140	Low-temperature specific heat of orientational glasses. European Physical Journal B, 1992, 87, 213-217.	0.6	6
141	Coherent inelastic neutron scattering in K1-x(ND4)xI mixed crystals. Journal of Physics Condensed Matter, 1992, 4, 9235-9246.	0.7	5
142	Sub-piconewton force detection using micron-size wire deflections. RSC Advances, 2013, 3, 17254.	1.7	5
143	Surfactant-Triggered Disassembly of Electrostatic Complexes Probed at Optical and Quartz Crystal Microbalance Length Scales. Langmuir, 2014, 30, 5620-5627.	1.6	5
144	Microrheology of viscoelastic solutions studied by magnetic rotational spectroscopy. International Journal of Nanotechnology, 2016, 13, 597.	0.1	5

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145	Cellulose Nanocrystals Mimicking Micron-Sized Fibers to Assess the Deposition of Latex Particles on Cotton. ACS Applied Polymer Materials, 2021, 3, 3009-3018.	2.0	5
146	Viscoelasticity of model surfactant solutions determined by magnetic rotation spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 510, 143-149.	2.3	4
147	Adsorption of a fabric conditioner on cellulose nanocrystals: synergistic effects of surfactant vesicles and polysaccharides on softness properties. Cellulose, 2021, 28, 2551-2566.	2.4	4
148	A mathematical finance approach to the stochastic and intermittent viscosity fluctuations in living cells. Soft Matter, 2020, 16, 5959-5969.	1.2	3
149	Orientational Glass Transition in (KBr) _{1- x} (KCN) _x Quadrupolar Glasses: A Raman Scattering Study. Europhysics Letters, 1990, 13, 273-278.	0.7	2
150	Elastic properties of (KI)_{1-x}(NH₄I)_x. Ferroelectrics, 1992, 127, 275-278.	0.3	2
151	The role of the coating and aggregation state in the interactions between iron oxide nanoparticles and 3T3 fibroblasts. Physics Procedia, 2010, 9, 266-269.	1.2	2
152	Assembly and Characterizations of Bifunctional Fluorescent and Magnetic Microneedles With One Decade Length Tunability. Advanced Functional Materials, 2017, 27, 1700362.	7.8	2
153	The desalting/salting pathway: a route to form metastable aggregates with tuneable morphologies and lifetimes. Soft Matter, 2021, 17, 8496-8505.	1.2	2
154	Advanced Eco-Friendly Formulations of Guar Biopolymer-Based Textile Conditioners. Materials, 2021, 14, 5749.	1.3	2
155	Sol-gel transition induced by alumina nanoparticles in a model pulmonary surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128974.	2.3	2
156	Thermal expansion and phase transitions in the mixed-crystal system (KBr)1-x(KCN)xbetween 5 and 300K. Journal of Physics C: Solid State Physics, 1986, 19, L433-L439.	1.5	1
157	Orientational behavior of an assembly of superparmagnetic rods. Physics Procedia, 2010, 9, 15-19.	1.2	1
158	Self-assembled NEMS for pN force detection. , 2011, , .		1
159	Orientational glass transition in quadrupolar glasses. Phase Transitions, 1991, 32, 145-147.	0.6	0
160	Organic nanoparticles as a central plateform of magnetofluorescent nano-assemblies toward two-photon bioimaging applications. Proceedings of SPIE, 2012, , .	0.8	0
161	Giant Vesicles with Encapsulated Magnetic Nanowires as Versatile Carriers, Transported via Rotating and Nonhomogeneous Magnetic Fields. Particle and Particle Systems Characterization, 2019, 36, 1900239.	1.2	0
162	Fabrication of Magnetic Clusters and Rods using Electrostatic Co-assembly. , 2010, , 35-39.		0

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163	Rheology and NMR Measurements of Sodium Dodecyl Sulphate/Decanol/Water Nematics. , 1998, , 537-538.		0
164	Magnetic wire as stress controlled micro-rheometer for cytoplasm viscosity measurements. , 2018, , .		0
165	Microscale viscosity imaging using heterodyne holographic analysis of nanorods rotation. , 2021, , .		0
166	GLASS-LIKE ANOMALIES IN THE HYPERSONIC PROPERTIES OF OH- DOPED KCl CRYSTALS. Journal De Physique Colloque, 1982, 43, C9-517-C9-519.	0.2	0