## Chinedum O Osuji

List of Publications by Year in descending order

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44042 42364 9,148 142 48 92 citations h-index g-index papers 143 143 143 11319 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Self-assembly of supramolecular complexes of charged conjugated polymers and imidazolium-based ionic liquid crystals. Giant, 2022, 9, 100088.	2.5	5
2	Tunable organic solvent nanofiltration in self-assembled membranes at the sub $\hat{a} \in 1$ nm scale. Science Advances, 2022, 8, eabm5899.	4.7	16
3	Fast Photoswitchable Order–Disorder Transitions in Liquid-Crystalline Block Co-oligomers. Journal of the American Chemical Society, 2022, 144, 390-399.	6.6	17
4	Dynamic magnetic field alignment and polarized emission of semiconductor nanoplatelets in a liquid crystal polymer. Nature Communications, 2022, 13, 2507.	5.8	12
5	Two-Photon Laser Microprinting of Highly Ordered Nanoporous Materials Based on Hexagonal Columnar Liquid Crystals. ACS Applied Materials & Samp; Interfaces, 2022, 14, 33746-33755.	4.0	6
6	Stable cross-linked lyotropic gyroid mesophases from single-head/single-tail cross-linkable monomers. Chemical Communications, 2021, 57, 10931-10934.	2.2	11
7	Lyotropic liquid crystals as templates for advanced materials. Journal of Materials Chemistry A, 2021, 9, 21607-21658.	5.2	19
8	Rapid Fabrication by Lyotropic Self-Assembly of Thin Nanofiltration Membranes with Uniform 1 Nanometer Pores. ACS Nano, 2021, 15, 8192-8203.	7.3	33
9	Effects of Labile Mesogens on the Morphology of Liquid Crystalline Block Copolymers in Thin Films. Macromolecules, 2021, 54, 3223-3231.	2.2	6
10	Nanocomposites of 2D-MoS <sub>2</sub> Exfoliated in Thermotropic Liquid Crystals., 2021, 3, 704-712.		9
11	100th Anniversary of Macromolecular Science Viewpoint: Opportunities for Liquid Crystal Polymers in Nanopatterning and Beyond. ACS Macro Letters, 2021, 10, 945-957.	2.3	9
12	Plasmonic Sensing from Vertical Au-Coated ZnO Nanorod Arrays Templated by Block Copolymers. ACS Applied Nano Materials, 2021, 4, 8556-8563.	2.4	2
13	Soft robotic constrictor for in vitro modeling of dynamic tissue compression. Scientific Reports, 2021, 11, 16478.	1.6	7
14	Film Thickness and Composition Effects in Symmetric Ternary Block Copolymer/Homopolymer Blend Films: Domain Spacing and Orientation. Macromolecules, 2021, 54, 7970-7986.	2.2	12
15	Simple production of cellulose nanofibril microcapsules and the rheology of their suspensions. Soft Matter, 2021, 17, 4517-4524.	1.2	7
16	Nanoscale Thickness Control of Nanoporous Films Derived from Directionally Photopolymerized Mesophases. Advanced Materials Interfaces, 2021, 8, 2001977.	1.9	9
17	Synthesis of High Etch Contrast Poly(3-hydroxystyrene)-Based Triblock Copolymers and Self-Assembly of Sub-5 nm Features. Macromolecules, 2021, 54, 9542-9550.	2.2	7
18	Shaping and Locomotion of Soft Robots Using Filament Actuators Made from Liquid Crystal Elastomer–Carbon Nanotube Composites. Advanced Intelligent Systems, 2020, 2, 2070063.	3.3	5

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19	Relating Selectivity and Separation Performance of Lamellar Two-Dimensional Molybdenum Disulfide (MoS <sub>2</sub> ) Membranes to Nanosheet Stacking Behavior. Environmental Science & Camp; Technology, 2020, 54, 9640-9651.	4.6	82
20	Sustainable manufacturing of sensors onto soft systems using self-coagulating conductive Pickering emulsions. Science Robotics, 2020, 5, .	9.9	50
21	Correlation of droplet elasticity and volume fraction effects on emulsion dynamics. Soft Matter, 2020, 16, 2574-2580.	1.2	3
22	Shaping and Locomotion of Soft Robots Using Filament Actuators Made from Liquid Crystal Elastomer–Carbon Nanotube Composites. Advanced Intelligent Systems, 2020, 2, 1900163.	3.3	80
23	Electrospray deposition tool: Creating compositionally gradient libraries of nanomaterials. Review of Scientific Instruments, 2020, 91, 013701.	0.6	15
24	High-throughput morphology mapping of self-assembling ternary polymer blends. RSC Advances, 2020, 10, 42529-42541.	1.7	9
25	Yielding and bifurcated aging in nanofibrillar networks. Physical Review Materials, 2020, 4, .	0.9	4
26	Precise nanofiltration in a fouling-resistant self-assembled membrane with water-continuous transport pathways. Science Advances, 2019, 5, eaav9308.	4.7	79
27	Aligned Morphologies in Near-Edge Regions of Block Copolymer Thin Films. Macromolecules, 2019, 52, 7224-7233.	2.2	11
28	The Effects of Magnetic Field Alignment on Lithium Ion Transport in a Polymer Electrolyte Membrane with Lamellar Morphology. Polymers, 2019, 11, 887.	2.0	23
29	Single crystal texture by directed molecular self-assembly along dual axes. Nature Materials, 2019, 18, 1235-1243.	13.3	34
30	Tuning the permselectivity of polymeric desalination membranes via control of polymer crystallite size. Nature Communications, 2019, 10, 2347.	5.8	43
31	Optical materials and metamaterials from nanostructured soft matter. Nano Research, 2019, 12, 2172-2183.	5.8	25
32	Creating Aligned Nanopores by Magnetic Field Processing of Block Copolymer/Homopolymer Blends. ACS Macro Letters, 2019, 8, 261-266.	2.3	13
33	Directed Assembly of Hybrid Nanomaterials and Nanocomposites. Advanced Materials, 2018, 30, e1705794.	11.1	74
34	Sub-10 nm Self-Assembly of Mesogen-Containing Grafted Macromonomers and Their Bottlebrush Polymers. Macromolecules, 2018, 51, 3680-3690.	2.2	29
35	Evaluating the Dispersant Stabilization of Colloidal Suspensions from the Scaling Behavior of Gel Rheology and Adsorption Measurements. Langmuir, 2018, 34, 1092-1099.	1.6	14
36	Pathway-engineering for highly-aligned block copolymer arrays. Nanoscale, 2018, 10, 416-427.	2.8	28

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37	Atomic imprinting into metallic glasses. Communications Physics, 2018, 1, .	2.0	28
38	Three-Dimensional Compatible Sacrificial Nanoimprint Lithography for Tuning the Wettability of Thermoplastic Materials. Journal of Micro and Nano-Manufacturing, 2018, 6, .	0.8	2
39	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. Angewandte Chemie - International Edition, 2018, 57, 8493-8497.	7.2	79
40	Janus Graft Block Copolymers: Design of a Polymer Architecture for Independently Tuned Nanostructures and Polymer Properties. Angewandte Chemie, 2018, 130, 8629-8633.	1.6	13
41	High Performance Nanofiltration Membrane for Effective Removal of Perfluoroalkyl Substances at High Water Recovery. Environmental Science & Environmen	4.6	218
42	Facile Protein Immobilization Using Engineered Surface-Active Biofilm Proteins. ACS Applied Nano Materials, 2018, 1, 2483-2488.	2.4	12
43	Self-Assembly of an Ultrahigh-χ Block Copolymer with Versatile Etch Selectivity. Macromolecules, 2018, 51, 6460-6467.	2.2	56
44	Fabrication of a Desalination Membrane with Enhanced Microbial Resistance through Vertical Alignment of Graphene Oxide. Environmental Science and Technology Letters, 2018, 5, 614-620.	3.9	37
45	Multi-Scale Assembly of Polythiophene-Surfactant Supramolecular Complexes for Charge Transport Anisotropy. Macromolecules, 2017, 50, 1047-1055.	2.2	18
46	Post-fabrication modification of electrospun nanofiber mats with polymer coating for membrane distillation applications. Journal of Membrane Science, 2017, 530, 158-165.	4.1	91
47	Highly stiff yet elastic microcapsules incorporating cellulose nanofibrils. Soft Matter, 2017, 13, 2733-2737.	1.2	23
48	Implications of Grain Size Variation in Magnetic Field Alignment of Block Copolymer Blends. ACS Macro Letters, 2017, 6, 404-409.	2.3	17
49	Highly Selective Vertically Aligned Nanopores in Sustainably Derived Polymer Membranes by Molecular Templating. ACS Nano, 2017, 11, 3911-3921.	7.3	83
50	Enhanced antibacterial activity through the controlled alignment of graphene oxide nanosheets. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9793-E9801.	3.3	275
51	Hexagonally Ordered Arrays of $\hat{l}\pm$ -Helical Bundles Formed from Peptide-Dendron Hybrids. Journal of the American Chemical Society, 2017, 139, 15977-15983.	6.6	9
52	Controlling orientational order in block copolymers using low-intensity magnetic fields. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9437-E9444.	3.3	39
53	Smart Cellulose Nanofluids Produced by Tunable Hydrophobic Association of Polymer-Grafted Cellulose Nanocrystals. ACS Applied Materials & Samp; Interfaces, 2017, 9, 31095-31101.	4.0	34
54	Polymer Nanosheets from Supramolecular Assemblies of Conjugated Linoleic Acid–High Surface Area Adsorbents from Renewable Materials. Langmuir, 2017, 33, 10690-10697.	1.6	9

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55	Loss of Phospholipid Membrane Integrity Induced by Two-Dimensional Nanomaterials. Environmental Science and Technology Letters, 2017, 4, 404-409.	3.9	39
56	Optically Active Elastomers from Liquid Crystalline Comb Copolymers with Dual Physical and Chemical Cross-Links. Macromolecules, 2017, 50, 5929-5939.	2.2	22
57	Photoresponsive and Magnetoresponsive Graphene Oxide Microcapsules Fabricated by Droplet Microfluidics. ACS Applied Materials & Samp; Interfaces, 2017, 9, 44192-44198.	4.0	30
58	Flat Drops, Elastic Sheets, and Microcapsules by Interfacial Assembly of a Bacterial Biofilm Protein, BslA. Langmuir, 2017, 33, 13590-13597.	1.6	10
59	Directing block copolymer self-assembly with permanent magnets: photopatterning microdomain alignment and generating oriented nanopores. Molecular Systems Design and Engineering, 2017, 2, 549-559.	1.7	19
60	Sequential deposition of block copolymer thin films and formation of lamellar heterolattices by electrospray deposition. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 247-253.	2.4	12
61	Dual-Functionality Fullerene and Silver Nanoparticle Antimicrobial Composites via Block Copolymer Templates. ACS Applied Materials & Samp; Interfaces, 2016, 8, 33583-33591.	4.0	24
62	Effect of Final Monomer Deposition Steps on Molecular Layer-by-Layer Polyamide Surface Properties. Langmuir, 2016, 32, 10815-10823.	1.6	15
63	Fabrication of Modularly Functionalizable Microcapsules Using Protein-Based Technologies. ACS Biomaterials Science and Engineering, 2016, 2, 1856-1861.	2.6	23
64	Materials for next-generation desalination and water purification membranes. Nature Reviews Materials, 2016, $1$ , .	23.3	1,977
65	Guided Evolution of Bulk Metallic Glass Nanostructures: A Platform for Designing 3D Electrocatalytic Surfaces. Advanced Materials, 2016, 28, 1940-1949.	11.1	71
66	Isomeric Effect Enabled Thermally Driven Self-Assembly of Hydroxystyrene-Based Block Copolymers. ACS Macro Letters, 2016, 5, 833-838.	2.3	23
67	Thin Polymer Films with Continuous Vertically Aligned 1 nm Pores Fabricated by Soft Confinement. ACS Nano, 2016, 10, 150-158.	7.3	92
68	Electrocatalysts: Guided Evolution of Bulk Metallic Glass Nanostructures: A Platform for Designing 3D Electrocatalytic Surfaces (Adv. Mater. 10/2016). Advanced Materials, 2016, 28, 1902-1902.	11.1	0
69	Strong Orientational Coupling of Block Copolymer Microdomains to Smectic Layering Revealed by Magnetic Field Alignment. ACS Macro Letters, 2016, 5, 292-296.	2.3	15
70	Rapid fabrication of ZnO nanorod arrays with controlled spacing by micelle-templated solvothermal growth. Nanoscale, 2016, 8, 149-156.	2.8	4
71	Rheology of cellulose nanofibrils in the presence of surfactants. Soft Matter, 2016, 12, 157-164.	1.2	93
72	Continuous and patterned deposition of functional block copolymer thin films using electrospray. MRS Communications, 2015, 5, 235-242.	0.8	8

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73	Magnetic Alignment of Block Copolymer Microdomains by Intrinsic Chain Anisotropy. Physical Review Letters, 2015, 115, 258302.	2.9	51
74	Multiscale patterning of a metallic glass using sacrificial imprint lithography. Microsystems and Nanoengineering, 2015, $1$ , .	3.4	16
75	Physical Continuity and Vertical Alignment of Block Copolymer Domains by Kinetically Controlled Electrospray Deposition. Macromolecular Rapid Communications, 2015, 36, 1290-1296.	2.0	10
76	Nanoimprinting Sub-100 nm Features in a Photovoltaic Nanocomposite using Durable Bulk Metallic Glass Molds. ACS Applied Materials & Samp; Interfaces, 2015, 7, 3456-3461.	4.0	15
77	Shear-accelerated crystallization in a supercooled atomic liquid. Physical Review E, 2015, 91, 020301.	0.8	28
78	Elements Provide a Clue: Nanoscale Characterization of Thin-Film Composite Polyamide Membranes. ACS Applied Materials & Distribution of Thin-Film Composite Polyamide Membranes.	4.0	50
79	Experimental Evidence for Proposed Transformation Pathway from the Inverse Hexagonal to Inverse Diamond Cubic Phase from Oriented Lipid Samples. Langmuir, 2015, 31, 7707-7711.	1.6	10
80	Engineering flat sheet microporous PVDF films for membrane distillation. Journal of Membrane Science, 2015, 492, 355-363.	4.1	118
81	Soft microcapsules with highly plastic shells formed by interfacial polyelectrolyte–nanoparticle complexation. Soft Matter, 2015, 11, 7478-7482.	1.2	30
82	Structural Diversity of Arthropod Biophotonic Nanostructures Spans Amphiphilic Phase-Space. Nano Letters, 2015, 15, 3735-3742.	4.5	80
83	Selectivity and Mass Transfer Limitations in Pressure-Retarded Osmosis at High Concentrations and Increased Operating Pressures. Environmental Science & Environmental Science	4.6	46
84	Production of amorphous nanoparticles by supersonic spray-drying with a microfluidic nebulator. Science, 2015, 349, 956-960.	6.0	110
85	Nanoscale size effects in crystallization of metallic glass nanorods. Nature Communications, 2015, 6, 8157.	5.8	65
86	Phase Behavior of Polylactide-Based Liquid Crystalline Brushlike Block Copolymers. Macromolecules, 2015, 48, 8315-8322.	2.2	36
87	Mesenchymal stromal cells form vascular tubes when placed in fibrin sealant and accelerate wound healing inÂvivo. Biomaterials, 2015, 40, 61-71.	<b>5.7</b>	43
88	Aligned Nanostructured Polymers by Magnetic-Field-Directed Self-Assembly of a Polymerizable Lyotropic Mesophase. ACS Applied Materials & Directed Self-Assembly of a Polymerizable Lyotropic Mesophase. ACS Applied Materials & Directed Self-Assembly of a Polymerizable	4.0	35
89	Thermally Switchable Aligned Nanopores by Magneticâ€Field Directed Selfâ€Assembly of Block Copolymers. Advanced Materials, 2014, 26, 5148-5154.	11.1	66
90	Scalable Highâ€fidelity Growth of Semiconductor Nanorod Arrays with Controlled Geometry for Photovoltaic Devices Using Block Copolymers. Small, 2014, 10, 4304-4309.	5.2	10

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91	Molecular Design of Liquid Crystalline Brush-Like Block Copolymers for Magnetic Field Directed Self-Assembly: A Platform for Functional Materials. ACS Macro Letters, 2014, 3, 462-466.	2.3	59
92	Scalable Fabrication of Polymer Membranes with Vertically Aligned 1 nm Pores by Magnetic Field Directed Self-Assembly. ACS Nano, 2014, 8, 11977-11986.	7.3	183
93	Role of HF in Oxygen Removal from Carbon Nanotubes: Implications for High Performance Carbon Electronics. Nano Letters, 2014, 14, 6179-6184.	4.5	32
94	Single-step microfluidic fabrication of soft monodisperse polyelectrolyte microcapsules by interfacial complexation. Lab on A Chip, 2014, 14, 3494-3497.	3.1	65
95	Directed self-assembly of block copolymers: a tutorial review of strategies for enabling nanotechnology with soft matter. Soft Matter, 2014, 10, 3867.	1.2	343
96	Poly(ethylenimine)-Based Polymer Blends as Single-Ion Lithium Conductors. Macromolecules, 2014, 47, 3401-3408.	2.2	70
97	Morphology Development in Thin Films of a Lamellar Block Copolymer Deposited by Electrospray. Macromolecules, 2014, 47, 5703-5710.	2.2	29
98	Rational Design of a Block Copolymer with a High Interaction Parameter. Macromolecules, 2014, 47, 6687-6696.	2.2	59
99	Omniphobic Membrane for Robust Membrane Distillation. Environmental Science and Technology Letters, 2014, 1, 443-447.	3.9	288
100	Viscoelasticity of a colloidal gel during dynamical arrest: Evolution through the critical gel and comparison with a soft colloidal glass. Journal of Rheology, 2014, 58, 1557-1579.	1.3	38
101	Hybrid Pressure Retarded Osmosis–Membrane Distillation System for Power Generation from Low-Grade Heat: Thermodynamic Analysis and Energy Efficiency. Environmental Science & Emp; Technology, 2014, 48, 5306-5313.	4.6	129
102	Domain Orientation in Bulk Block Copolymers. , 2014, , 1-10.		0
103	Large area vertical alignment of ZnO nanowires in semiconducting polymer thin films directed by magnetic fields. Nanoscale, 2013, 5, 10511.	2.8	22
104	Role of interparticle attraction in the yielding response of microgel suspensions. Soft Matter, 2013, 9, 5492.	1.2	95
105	Continuous Equilibrated Growth of Ordered Block Copolymer Thin Films by Electrospray Deposition. ACS Nano, 2013, 7, 2960-2970.	7.3	51
106	Monoliths of Semiconducting Block Copolymers by Magnetic Alignment. ACS Nano, 2013, 7, 5514-5521.	7.3	56
107	Hierarchically Self-Assembled Photonic Materials from Liquid Crystalline Random Brush Copolymers. Macromolecules, 2013, 46, 4558-4566.	2,2	31
108	Size-dependent viscosity in the super-cooled liquid state of a bulk metallic glass. Applied Physics Letters, 2013, 102, 221901.	1.5	29

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109	Understanding anisotropic transport in self-assembled membranes and maximizing ionic conductivity by microstructure alignment. Soft Matter, 2013, 9, 7106.	1.2	44
110	Finite size effects in the crystallization of a bulk metallic glass. Applied Physics Letters, 2013, 103, .	1.5	14
111	Order-Disorder Transition and Alignment Dynamics of a Block Copolymer Under High Magnetic Fields by <i>InÂSitu</i> X-Ray Scattering. Physical Review Letters, 2013, 110, 078301.	2.9	67
112	Magnetic Field Alignment of a Diblock Copolymer Using a Supramolecular Route. ACS Macro Letters, 2012, 1, 184-189.	2.3	59
113	Stable Sequestration of Single-Walled Carbon Nanotubes in Self-Assembled Aqueous Nanopores. Journal of the American Chemical Society, 2012, 134, 3950-3953.	6.6	14
114	Cholesteric mesophase in side-chain liquid crystalline polymers: influence of mesogen interdigitation and motional decoupling. Soft Matter, 2012, 8, 3185.	1.2	29
115	Synthesis and suspension rheology of titania nanoparticles grafted with zwitterionic polymer brushes. Journal of Colloid and Interface Science, 2012, 386, 135-140.	5.0	6
116	Magnetic field alignment of block copolymers and polymer nanocomposites: Scalable microstructure control in functional soft materials. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 2-8.	2.4	107
117	Directed Selfâ€Assembly of Hybrid Oxide/Polymer Core/Shell Nanowires with Transport Optimized Morphology for Photovoltaics. Advanced Materials, 2012, 24, 82-87.	11.1	37
118	Antifouling Ultrafiltration Membranes via Post-Fabrication Grafting of Biocidal Nanomaterials. ACS Applied Materials & Samp; Interfaces, 2011, 3, 2861-2868.	4.0	268
119	Tailoring Crystallization Behavior of PEO-Based Liquid Crystalline Block Copolymers through Variation in Liquid Crystalline Content. Macromolecules, 2011, 44, 3924-3934.	2.2	54
120	Side-Chain Liquid Crystalline Polymer Networks: Exploiting Nanoscale Smectic Polymorphism To Design Shape-Memory Polymers. ACS Nano, 2011, 5, 3085-3095.	7.3	75
121	Lyotropic Self-Assembly of High-Aspect-Ratio Semiconductor Nanowires of Single-Crystal ZnO. Langmuir, 2011, 27, 11616-11621.	1.6	28
122	Liquid Crystalline Order and Magnetocrystalline Anisotropy in Magnetically Doped Semiconducting ZnO Nanowires. ACS Nano, 2011, 5, 8357-8364.	7.3	38
123	Structure, function, and self-assembly of single network gyroid ( $\langle i \rangle   \langle i \rangle   4 \rangle \langle sub \rangle   1 \rangle \langle sub \rangle   32$ ) photonic crystals in butterfly wing scales. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11676-11681.	3.3	428
124	Stimuli-Responsive Smart Gels Realized via Modular Protein Design. Journal of the American Chemical Society, 2010, 132, 14024-14026.	6.6	105
125	Time-resolved viscoelastic properties during structural arrest and aging of a colloidal glass. Physical Review E, 2010, 82, 031404.	0.8	47
126	Alignment of Self-Assembled Structures in Block Copolymer Films by Solvent Vapor Permeation. Macromolecules, 2010, 43, 3132-3135.	2,2	19

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127	Lyotropic Hexagonal Ordering in Aqueous Media by Conjugated Hairy-Rod Supramolecules. Macromolecules, 2010, 43, 7549-7555.	2.2	25
128	Smectic Demixing in the Phase Behavior and Self-Assembly of a Hydrogen-Bonded Polymer with Mesogenic Side Chains. Macromolecules, 2010, 43, 6646-6654.	2.2	31
129	Facile Alignment of Amorphous Poly(ethylene oxide) Microdomains in a Liquid Crystalline Block Copolymer Using Magnetic Fields: Toward Ordered Electrolyte Membranes. Macromolecules, 2010, 43, 3286-3293.	2.2	79
130	Controlled Alignment of Lamellar Lyotropic Mesophases by Rotation in a Magnetic Field. Langmuir, 2010, 26, 8737-8742.	1.6	25
131	Physical aging and relaxation of residual stresses in a colloidal glass following flow cessation. Journal of Rheology, 2010, 54, 943-958.	1.3	40
132	Anisotropic Ionic Conductivity in Block Copolymer Membranes by Magnetic Field Alignment. Journal of the American Chemical Society, 2010, 132, 17516-17522.	6.6	192
133	Nanocomposites of Vertically Aligned Single-Walled Carbon Nanotubes by Magnetic Alignment and Polymerization of a Lyotropic Precursor. ACS Nano, 2010, 4, 6651-6658.	7.3	86
134	Dynamics of internal stresses and scaling of strain recovery in an aging colloidal gel. Physical Review E, 2009, 80, 010404.	0.8	41
135	New insights on fumed colloidal rheology—shear thickening and vorticity-aligned structures in flocculating dispersions. Rheologica Acta, 2009, 48, 871-881.	1.1	77
136	Non-degenerate magnetic alignment of self-assembled mesophases. Soft Matter, 2009, 5, 3417.	1.2	19
137	Dynamics of Transient Vorticity-Aligned Structures and Internal Stresses in Shear Thickening Colloidal Gels. AIP Conference Proceedings, 2008, , .	0.3	1
138	Highly anisotropic vorticity aligned structures in a shear thickening attractive colloidal system. Soft Matter, 2008, 4, 1388.	1.2	65
139	Shear thickening and scaling of the elastic modulus in a fractal colloidal system with attractive interactions. Physical Review E, 2008, 77, 060402.	0.8	84
140	Supramolecular Microphase Separation in a Hydrogen-Bonded Liquid Crystalline Comb Copolymer in the Melt State. Macromolecules, 2006, 39, 3114-3117.	2.2	33
141	Alignment of Self-Assembled Hierarchical Microstructure in Liquid Crystalline Diblock Copolymers Using High Magnetic Fields. Macromolecules, 2004, 37, 9903-9908.	2.2	128
142	Transverse Cylindrical Microdomain Orientation in an LC Diblock Copolymer under Oscillatory Shear. Macromolecules, 1999, 32, 7703-7706.	2,2	57