

Stefan A F Bon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

4,590
citations

40
h-index

66
g-index

111
ext. papers

4,932
ext. citations

6
avg, IF

5.78
L-index

#	Paper	IF	Citations
101	Styrene-based polymerised high internal phase emulsions using monomers in the internal phase as co-surfactants for improved liquid chromatography.. <i>RSC Advances</i> , 2022 , 12, 9773-9785	3.7	
100	Flower-Like Colloidal Particles through Precipitation Polymerization of Redox-Responsive Liquid Crystals. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 27026	16.4	1
99	Textured Microcapsules through Crystallization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 5887-5894	5.94	1
98	Anisotropic silica colloids for light scattering. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 2695-2700	7.1	6
97	Thermoresponsive icy road sign by light scattering and enhanced fluorescence. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 7174-7185	7.1	0
96	When Mayo falls short (Ctr >> 1): the use of cumulative chain length distribution data in the determination of chain transfer constants (Ctr) for radical polymerizations. <i>Polymer Chemistry</i> , 2020 , 11, 4281-4289	4.9	1
95	Introducing Porosity in Colloidal Biocoatings to Increase Bacterial Viability. <i>Biomacromolecules</i> , 2020 , 21, 4545-4558	6.9	7
94	On Particle Size Distributions in Catalytic Chain Transfer Emulsion Polymerization: Chain-Extension and the Use of Derived Macromonomers as Reactive Surfactants in Emulsion Polymerization. <i>Biomacromolecules</i> , 2020 , 21, 4599-4614	6.9	2
93	Cross-Linked Primer Strategy for Pigment Encapsulation. 1. Encapsulation of Calcium Carbonate by Emulsion Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 21130-21141	3.9	5
92	Colloidal particles at fluid interfaces: behaviour of isolated particles. <i>Soft Matter</i> , 2019 , 15, 1186-1199	3.6	41
91	Effect of shearing stress on the radial heterogeneity and chromatographic performance of styrene-based polymerised high internal phase emulsions prepared in capillary format.. <i>RSC Advances</i> , 2019 , 9, 7301-7313	3.7	3
90	Effect of the addition of salt to Pickering emulsion polymerizations using polymeric nanogels as stabilizers. <i>Polymer Chemistry</i> , 2019 , 10, 6600-6608	4.9	7
89	Synthesis of Janus and Patchy Particles Using Nanogels as Stabilizers in Emulsion Polymerization. <i>ACS Nano</i> , 2019 , 13, 399-407	16.7	30
88	Preparation of highly interconnected hydrophilic polymers from emulsion templates with improved mechanical properties. <i>European Polymer Journal</i> , 2018 , 102, 56-67	5.2	12
87	Robust open cellular porous polymer monoliths made from cured colloidal gels of latex particles. <i>Green Chemistry</i> , 2018 , 20, 2499-2511	10	3
86	Improving the engine power of a catalytic Janus-sphere micromotor by roughening its surface. <i>Scientific Reports</i> , 2018 , 8, 4622	4.9	17
85	Structure and behaviour of vesicles in the presence of colloidal particles. <i>Soft Matter</i> , 2018 , 14, 6949-6960	6	5

84	Roughening up polymer microspheres and their diffusion in a liquid. <i>Soft Matter</i> , 2017 , 13, 4285-4293	3.6	11
83	Independent responsive behaviour and communication in hydrogel objects. <i>Materials Horizons</i> , 2017 , 4, 402-407	14.4	16
82	A mechanistic investigation of Pickering emulsion polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 5100-5111	4.9	40
81	Synthesis and Properties of Polyesters from Waste Grapeseed Oil: Comparison with Soybean and Rapeseed Oils. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 1-10	4.5	14
80	Communication between hydrogel beads via chemical signalling. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8681-8685	7.3	4
79	Temporal and spatial programming in soft composite hydrogel objects. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7491-7495	7.3	3
78	Toward Sulfur-Free RAFT Polymerization Induced Self-Assembly. <i>ACS Macro Letters</i> , 2017 , 6, 1438-1443	6.6	27
77	Control of vesicle membrane permeability with catalytic particles. <i>Materials Horizons</i> , 2016 , 3, 41-46	14.4	14
76	Assembly of emulsion droplets into fibers by microfluidic wet spinning. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 813-818	13	29
75	Preparation of inverse polymerized high internal phase emulsions using an amphiphilic macro-RAFT agent as sole stabilizer. <i>Polymer Chemistry</i> , 2016 , 7, 1803-1812	4.9	30
74	Selecting Phthalocyanine Polymorphs Using Local Chemical Termination Variations in Copper Iodide. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 4448-4452	3.8	2
73	Mechanistic Insight into the Synthesis of Silica-Based "Matchstick" Colloids. <i>Langmuir</i> , 2015 , 31, 9017-254		18
72	Fabrication of calcium phosphate microcapsules using emulsion droplets stabilized with branched copolymers as templates. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5544-5552	7.3	9
71	Equilibrium orientations of non-spherical and chemically anisotropic particles at liquid-liquid interfaces and the effect on emulsion stability. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 533-448	4.3	34
70	Nanoscale hybrid silica/polymer Janus particles with a double-responsive hemicorona. <i>Polymer</i> , 2015 , 79, 299-308	3.9	19
69	Balanced nanocomposite thermosetting materials for HVDC and AC applications 2015 ,		4
68	Dynamic control of volume phase transitions of poly(N-isopropylacrylamide) based microgels in water using hydrazide-aldehyde chemistry. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1745-1754	2.5	10
67	Dynamic uptake and release from poly(methacryloyl hydrazide) microgel particles through reversible hydrazide-aldehyde chemistry. <i>Polymer Chemistry</i> , 2014 , 5, 6789-6796	4.9	7

66	Hierarchical self-assembly of 'hard-soft' Janus particles into colloidal molecules and larger supracolloidal structures. <i>Soft Matter</i> , 2014 , 10, 7730-5	3.6	47
65	CHAPTER 4: Pickering Suspension, Mini-Emulsion and Emulsion Polymerization. <i>RSC Soft Matter</i> , 2014 , 65-92	0.5	3
64	CHAPTER 1. The Phenomenon of Pickering Stabilization: A Basic Introduction. <i>RSC Soft Matter</i> , 2014 , 1-7	0.5	6
63	Synthesis of "hard-soft" janus particles by seeded dispersion polymerization. <i>Langmuir</i> , 2014 , 30, 13525-32	3.2	41
62	Chemotaxis of catalytic silica-manganese oxide matchstick particles. <i>Materials Horizons</i> , 2014 , 1, 65-68	14.4	41
61	Particle-Stabilized Emulsions and Colloids. <i>RSC Soft Matter</i> , 2014 ,	0.5	23
60	High internal phase agar hydrogel dispersions in cocoa butter and chocolate as a route towards reducing fat content. <i>Food and Function</i> , 2013 , 4, 1314-21	6.1	15
59	Multicompartmental Janus microbeads from branched polymers by single-emulsion droplet microfluidics. <i>Langmuir</i> , 2013 , 29, 12657-62	4	32
58	Morphology and properties of waterborne adhesives made from hybrid polyacrylic/montmorillonite clay colloidal dispersions showing improved tack and shear resistance. <i>Colloid and Polymer Science</i> , 2013 , 291, 167-180	2.4	30
57	Understanding the multiple orientations of isolated superellipsoidal hematite particles at the oil-water interface. <i>Soft Matter</i> , 2013 , 9, 487-491	3.6	32
56	Influence of Janus particle shape on their interfacial behavior at liquid-liquid interfaces. <i>Langmuir</i> , 2013 , 29, 1388-94	4	125
55	Waterborne polymer nanogels non-covalently crosslinked by multiple hydrogen bond arrays. <i>Polymer Chemistry</i> , 2013 , 4, 387-392	4.9	23
54	Moldable high internal phase emulsion hydrogel objects from non-covalently crosslinked poly(N-isopropylacrylamide) nanogel dispersions. <i>Chemical Communications</i> , 2013 , 49, 1524-6	5.8	60
53	Morphological transitions in polymer vesicles upon bilayer swelling with small hydrophobic molecules in water. <i>Soft Matter</i> , 2013 , 9, 6890	3.6	1
52	Surfactant-free miniemulsion polymerization of n-BA/S stabilized by NaMMT: films with improved water resistance. <i>Langmuir</i> , 2013 , 29, 2397-405	4	27
51	Synthesis, characterization and thermal properties of novel nanoencapsulated phase change materials for thermal energy storage. <i>Solar Energy</i> , 2012 , 86, 1149-1154	6.8	123
50	Quiescent water-in-oil Pickering emulsions as a route toward healthier fruit juice infused chocolate confectionary. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19289		50
49	High internal phase emulsion gels (HIPE-gels) from polymer dispersions reinforced with quadruple hydrogen bond functionality. <i>Chemical Communications</i> , 2012 , 48, 1117-9	5.8	54

48	Multiple Hydrogen-Bond Array Reinforced Cellular Polymer Films from Colloidal Crystalline Assemblies of Soft Latex Particles. <i>ACS Macro Letters</i> , 2012 , 1, 603-608	6.6	11
47	A simple microfluidic device for fabrication of double emulsion droplets and polymer microcapsules. <i>Polymer Chemistry</i> , 2012 , 3, 1043	4.9	34
46	Pickering Emulsion Polymerization Using Laponite Clay as Stabilizer To Prepare Armored Soft Polymer Latexes. <i>Macromolecules</i> , 2011 , 44, 7415-7422	5.5	150
45	Hybrid biological spores wrapped in a mesh composed of interpenetrating polymer nanoparticles as patchy Pickering stabilizers. <i>Polymer Chemistry</i> , 2011 , 2, 823-827	4.9	21
44	Polymer vesicles with a colloidal armor of nanoparticles. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2151-3	16.4	40
43	"Sandwich" microcontact printing as a mild route towards monodisperse Janus particles with tailored bifunctionality. <i>Advanced Materials</i> , 2011 , 23, 79-83	24	72
42	Self-assembly of amphiphilic peanut-shaped nanoparticles. <i>Journal of Chemical Physics</i> , 2010 , 132, 074903	19	31
41	Physical Methods for the Preparation of Hybrid Nanocomposite Polymer Latex Particles. <i>Advances in Polymer Science</i> , 2010 , 19-52	1.3	22
40	Unraveling mechanistic events in solids-stabilized emulsion polymerization by monitoring the concentration of nanoparticles in the water phase. <i>Langmuir</i> , 2010 , 26, 7915-21	4	48
39	Interaction of nanoparticles with ideal liquid-liquid interfaces. <i>Physical Review Letters</i> , 2009 , 102, 066103	7.4	58
38	Conducting Nanocomposite Polymer Foams from Ice-Crystal-Templated Assembly of Mixtures of Colloids. <i>Advanced Materials</i> , 2009 , 21, 2894-2898	24	55
37	Fabrication of Porous Clickable Polymer Beads and Rods through Generation of High Internal Phase Emulsion (HIPE) Droplets in a Simple Microfluidic Device. <i>Macromolecules</i> , 2009 , 42, 9289-9294	5.5	95
36	Soft polymer and nano-clay supracolloidal particles in adhesives: synergistic effects on mechanical properties. <i>Soft Matter</i> , 2009 , 5, 3842	3.6	71
35	Packing patterns of silica nanoparticles on surfaces of armored polystyrene latex particles. <i>Langmuir</i> , 2009 , 25, 12399-403	4	41
34	Stability of Janus nanoparticles at fluid interfaces. <i>Soft Matter</i> , 2009 , 5, 3969	3.6	59
33	Open-cellular organic semiconductor thin films by vertical co-deposition using sub-100 nm nanosphere templates. <i>Chemical Communications</i> , 2009 , 6478-80	5.8	9
32	Multilayered nanocomposite polymer colloids using emulsion polymerization stabilized by solid particles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16850-1	16.4	136
31	An "inside-out" microfluidic approach to monodisperse emulsions stabilized by solid particles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16508-9	16.4	100

30	Cellular Polymer Monoliths Made via Pickering High Internal Phase Emulsions. <i>Chemistry of Materials</i> , 2007 , 19, 1537-1539	9.6	123
29	Pickering stabilization as a tool in the fabrication of complex nanopatterned silica microcapsules. <i>Langmuir</i> , 2007 , 23, 9527-30	4	92
28	Pickering miniemulsion polymerization using Laponite clay as a stabilizer. <i>Langmuir</i> , 2007 , 23, 8316-22	4	256
27	Organic/Inorganic Hybrid Hollow Spheres Prepared from TiO ₂ -Stabilized Pickering Emulsion Polymerization. <i>Advanced Materials</i> , 2007 , 19, 2286-2289	24	332
26	Route to stable non-spherical emulsion droplets. <i>European Polymer Journal</i> , 2007 , 43, 4839-4842	5.2	60
25	Colloidosomes as micron-sized polymerisation vessels to create supracolloidal interpenetrating polymer network reinforced capsules. <i>Soft Matter</i> , 2007 , 3, 194-199	3.6	84
24	Supracolloidal Structures through Liquid-Liquid Interface Driven Assembly and Polymerization. <i>Macromolecular Symposia</i> , 2006 , 245-246, 34-41	0.8	9
23	Pickering Stabilized Miniemulsion Polymerization: Preparation of Clay Armored Latexes. <i>Macromolecules</i> , 2005 , 38, 7887-7889	5.5	236
22	A simple method to convert atom transfer radical polymerization (ATRP) initiators into reversible addition fragmentation chain-transfer (RAFT) mediators. <i>European Polymer Journal</i> , 2004 , 40, 641-645	5.2	61
21	Atom Transfer Radical Polymerization of 1-Ethoxyethyl (Meth)acrylate: Facile Route toward Near-Monodisperse Poly((meth)acrylic acid). <i>Macromolecules</i> , 2004 , 37, 6673-6675	5.5	56
20	Advances in catalytic chain transfer polymerisation mediated by cobaloximes. <i>Macromolecular Symposia</i> , 2001 , 165, 29-42	0.8	25
19	Cobalt-mediated catalytic chain-transfer polymerization (CCTP) in water and water/alcohol solution. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 2378-2384	2.5	39
18	Living Radical Polymerization Immobilized on Wang Resins: Synthesis and Harvest of Narrow Polydispersity Poly(methacrylate)s. <i>Macromolecules</i> , 2001 , 34, 768-774	5.5	100
17	Matrix-assisted laser desorption ionization time-of-flight mass spectroscopy of polydimethylsiloxanes prepared via anionic ring-opening polymerization. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 694-698	2.6	8
16	Studies on controlled radical polymerisation using 5-membered cyclic PROXYL nitroxides and corresponding alkoxyamines. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 2510-2518	2.6	15
15	Modification of the bromo end group of poly(methacrylate)s prepared by copper(I)-mediated living radical polymerization. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 2678-2686	2.5	45
14	Novel polymers from atom transfer polymerisation mediated by copper(I) Schiff base complexes. <i>Macromolecular Symposia</i> , 2000 , 157, 201-208	0.8	14
13	Copper-Mediated Living Radical Polymerization Utilizing Biological and End Group Modified Poly(ethylene-co-butylene) Macroinitiators. <i>ACS Symposium Series</i> , 2000 , 182-196	0.4	2

12	Water-Soluble and Water Dispersible Polymers by Living Radical Polymerisation. <i>ACS Symposium Series</i> , 2000 , 148-161	0.4	2
11	Copper(I) mediated living radical polymerisation in an ionic liquid. <i>Chemical Communications</i> , 2000 , 1237-1238	5.8	275
10	Copper(I) Bromide/N-(n-Octyl)-2-pyridylmethanimine Mediated Living-Radical Polymerization of Methyl Methacrylate Using Carbosilane Dendritic Initiators. <i>Macromolecules</i> , 2000 , 33, 4048-4052	5.5	64
9	Copper(I)-Mediated Living Radical Polymerization under Fluorous Biphasic Conditions. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1542-1543	16.4	91
8	Copper(I)-Mediated Living Radical Polymerization in the Presence of Oxyethylene Groups: Online ¹ H NMR Spectroscopy To Investigate Solvent Effects. <i>Macromolecules</i> , 2000 , 33, 8246-8251	5.5	99
7	Use of Methyl 2-(Bromomethyl)acrylate as a Chain-Transfer Agent To Yield Functionalized Macromonomers via Conventional and Living Radical Polymerizations. <i>Macromolecules</i> , 2000 , 33, 5819-5824	5.5	36
6	Nitroxide-Mediated Living Radical Polymerization: Determination of the Rate Coefficient for Alkoxyamine C-O Bond Homolysis by Quantitative ESR. <i>Macromolecules</i> , 1999 , 32, 8269-8276	5.5	72
5	[N-Alkyl-(2-pyridyl)methanimine]copper(I) Complexes: Characterisation and Application as Catalysts for Atom-Transfer Polymerisation. <i>European Journal of Inorganic Chemistry</i> , 1998 , 1998, 1799-1806	2.3	45
4	Nitroxide-Mediated Controlled Radical Polymerization: Toward Control of Molar Mass. <i>ACS Symposium Series</i> , 1998 , 236-255	0.4	
3	Controlled Radical Polymerization in Emulsion. <i>Macromolecules</i> , 1997 , 30, 324-326	5.5	109
2	Emulsifier-free synthesis of monodisperse core-shell polymer colloids containing chloromethyl groups. <i>Journal of Applied Polymer Science</i> , 1995 , 58, 19-29	2.9	21
1	Experimental Procedures and Techniques for Radical Polymerization	845-893	1