Martin J Snowden

List of Publications by Year
in descending order

93	4,172	147801 31	118850 62
papers	citations	h-index	g-index

95	95	95	4173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlled release of microencapsulated docosahexaenoic acid (DHA) by sprayâ€“drying processing. Food Chemistry, 2019, 286, 368-375.	8.2	17
2	Formation of a Bile Salt-Drug Hydrogel to Predict Human Intestinal Absorption. Journal of Pharmaceutical Sciences, 2019, 108, 279-287.	3.3	8
3	The development of a novel smart material based on colloidal microgels and cotton. Advances in Colloid and Interface Science, 2018, 256, 193-202.	14.7	4
4	A quality by design (QbD) twinâ€”Screw extrusion wet granulation approach for processing water insoluble drugs. International Journal of Pharmaceutics, 2017, 526, 496-505.	5.2	14
5	Effects of crystal habit on the sticking propensity of ibuprofenâ€”A case study. International Journal of Pharmaceutics, 2017, 531, 266-275.	5.2	26
6	Solid-state flurbiprofen and methyl-Î²-cyclodextrin inclusion complexes prepared using a single-step, organic solvent-free supercritical fluid process. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 164-170.	4.3	26
7	Monitoring real time polymorphic transformation of sulfanilamide by diffuse reflectance visible spectroscopy. Journal of Pharmaceutical Analysis, 2016, 6, 179-183.	5.3	2
8	Implementation of transmission NIR as a PAT tool for monitoring drug transformation during HME processing. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 106-116.	4.3	50
9	Taste masked thin films printed by jet dispensing. International Journal of Pharmaceutics, 2015, 494, 619-622.	5.2	20
10	One-step continuous extrusion process for the manufacturing of solid dispersions. International Journal of Pharmaceutics, 2015, 496, 42-51.	5.2	33
11	Commercial â€˜readyâ€toâ€feedâ€™ infant foods in the <scp>UK</scp>: macroâ€nutrient content and composition. Maternal and Child Nutrition, 2015, 11, 202-214.	3.0	13
12	Studies of intermolecular interactions in solid dispersions using advanced surface chemical analysis. RSC Advances, 2015, 5, 74212-74219.	3.6	22
13	Continuous twin-screw granulation for enhancing the dissolution of poorly water soluble drug. International Journal of Pharmaceutics, 2015, 496, 52-62.	5.2	25
14	An in-vivo and in-vitro taste masking evaluation of bitter melt-extruded drugs. Journal of Pharmacy and Pharmacology, 2014, 66, 323-337.	2.4	20
15	Continuous Cocrystallization for Dissolution Rate Optimization of a Poorly Water-Soluble Drug. Crystal Growth and Design, 2014, 14, 189-198.	3.0	53
16	Continuous cocrystallisation of carbamazepine and trans-cinnamic acid via melt extrusion processing. CrystEngComm, 2014, 16, 3573-3583.	2.6	65
17	Effect of Pressure on the Melting Point of Pluronics in Pressurized Carbon Dioxide. Industrial & Engineering Chemistry Research, 2014, 53, 10820-10825.	3.7	12
18	Prediction of Polymorphic Transformations of Paracetamol in Solid Dispersions. Journal of Pharmaceutical Sciences, 2014, 103, 1819-1828.	3.3	24

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19	Deposition of fluorescent NIPAM-based nanoparticles on solid surfaces: Quantitative analysis and the factors affecting it. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 107-115.	4.7	2
20	A review on the taste masking of bitter APIs: hot-melt extrusion (HME) evaluation. Drug Development and Industrial Pharmacy, 2014, 40, 145-156.	2.0	57
21	Diclofenac sodium sustained release hot melt extruded lipid matrices. Pharmaceutical Development and Technology, 2014, 19, 531-538.	2.4	18
22	Characterization of thermo and pH responsive NIPAM based microgels and their membrane blocking potential. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 428, 53-59.	4.7	21
23	Drugâ€“polymer intermolecular interactions in hot-melt extruded solid dispersions. International Journal of Pharmaceutics, 2013, 443, 199-208.	5.2	128
24	Study of the Effect of Pressure on Melting Behavior of Saturated Fatty Acids in Liquid or Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2013, 58, 1861-1866.	1.9	8
25	A Review of Hot-Melt Extrusion: Process Technology to Pharmaceutical Products. ISRN Pharmaceutics, 2012, 2012, 1-9.	1.0	149
26	Elemental content of commercial â€˜ready to-feedâ€™ poultry and fish based infant foods in the UK. Food Chemistry, 2012, 135, 2796-2801.	8.2	36
27	Simultaneous determination of riboflavin and pyridoxine by UHPLC/LCâ€“MS in UK commercial infant meal food products. Food Chemistry, 2012, 135, 2743-2749.	8.2	31
28	Microgel applications and commercial considerations. Colloid and Polymer Science, 2011, 289, 625-646.	2.1	186
29	Vibrational spectroscopy and crystal structure analysis of two polymorphs of the diâ€amino acid peptide cyclo(<scp>L</scp>â€Gluâ€<scp>L</scp>â€Glu). Journal of Raman Spectroscopy, 2010, 41, 288-302.	2.5	16
30	Synthesis and properties of polyelectrolyte microgel particles. Advances in Colloid and Interface Science, 2010, 158, 15-20.	14.7	30
31	Vibrational spectroscopy and DFT calculations of diâ€amino acid cyclic peptides. Part I: cyclo(Glyâ€Gly), cyclo(Lâ€Alaâ€Lâ€Ala) and cyclo(Lâ€Alaâ€Gly) in the solid state and in aqueous solution. Journal of Raman Spectroscopy, 2009, 40, 1478-1497.	2.5	32
32	Semi-quantitative analysis of the monomer composition in co-polymer microgels using solid state Raman and NMR spectroscopy. Analyst, The, 2009, 134, 1366.	3.5	8
33	Investigation of the Potential of the Dissolution Dynamic Nuclear Polarization Method for General Sensitivity Enhancement in Small-Molecule NMR Spectroscopy. Applied Magnetic Resonance, 2008, 34, 453-460.	1.2	9
34	Practical solvent system selection for counter-current separation of pharmaceutical compounds. Journal of Chromatography A, 2008, 1207, 190-192.	3.7	28
35	Kinetic Data by Nonisothermal Reaction Calorimetry:â€‰ A Model-Assisted Calorimetric Evaluation. Organic Process Research and Development, 2007, 11, 25-29.	2.7	13
36	Coâ€acquisition of hyperpolarised ¹³C and ¹⁵N NMR spectra. Magnetic Resonance in Chemistry, 2007, 45, 1018-1021.	1.9	13

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37	Applications of DNP-NMR for the measurement of heteronuclear T1 relaxation times. Journal of Magnetic Resonance, 2007, 187, 216-224.	2.1	36
38	Microgels from Smart Polymers. , 2007, , 137-175.		0
39	Accuracy vs Time Dilemma on the Prediction of NMR Chemical Shifts:Â A Case Study (Chloropyrimidines). Journal of Organic Chemistry, 2006, 71, 3103-3110.	3.2	15
40	The use of colloidal microgels for the controlled delivery of proteins and peptides. , 2006, 6413, 219.		0
41	Preparation of SMART wound dressings based on colloidal microgels and textile fibres. , 2006, 6413, 211.		6
42	Rapid, Accurate and Precise Quantitative Drug Analysis: Comparing Liquid Chromatography Tandem Mass Spectrometry and Chip-Based Nanoelectrospray Ionisation Mass Spectrometry. European Journal of Mass Spectrometry, 2005, 11, 393-402.	1.0	10
43	The use of colloidal microgels as a (trans)dermal drug delivery system. International Journal of Pharmaceutics, 2005, 292, 137-147.	5.2	147
44	Swelling of cationic polyelectrolyte colloidal microgels: Thermodynamic considerations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 262, 76-80.	4.7	11
45	A Comparison of Catalysts to Promote Imidazolide Couplings Including the Identification of 2-Hydroxy-5-nitropyridine as a New, Safe, and Effective Catalyst. Organic Process Research and Development, 2005, 9, 956-961.	2.7	31
46	Raman line mapping as a fast method for analyzing pharmaceutical bead formulations. Analyst, The, 2005, 130, 1530.	3.5	33
47	Theoretical Prediction of the Enantiomeric Excess in Asymmetric Catalysis. An Alignment-Independent Molecular Interaction Field Based Approach. Journal of Organic Chemistry, 2005, 70, 9025-9027.	3.2	31
48	Analyzing Raman Maps of Pharmaceutical Products by Sampleâ€"Sample Two-Dimensional Correlation. Applied Spectroscopy, 2005, 59, 630-638.	2.2	22
49	Effect of SBE7-Î²-cyclodextrin complexation on carbamazepine release from sustained release beads. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 60, 73-80.	4.3	24
50	Improving Quantitative Measurements for the Evaporative Light Scattering Detector. Chromatographia, 2004, 60, 625-633.	1.3	86
51	Isothermal titration calorimetric studies of the acidâ€"base properties of poly(N-isopropylacrylamide-co-4-vinylpyridine) cationic polyelectrolyte colloidal microgels. Thermochimica Acta, 2004, 414, 47-52.	2.7	18
52	Heteroaggregation studies of mixed cationic co-polymer/anionic homopolymer microgel dispersions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 233, 25-38.	4.7	31
53	A comparison of Raman chemical images produced by univariate and multivariate data processingâ€"a simulation with an example from pharmaceutical practice. Analyst, The, 2004, 129, 1001-1007.	3.5	60
54	Identification of New Catalysts to Promote Imidazolide Couplings and Optimisation of Reaction Conditions Using Kinetic Modelling. Organic Process Research and Development, 2004, 8, 1054-1058.	2.7	20

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55	Predictive Milling of Pharmaceutical Materials Using Nanoindentation of Single Crystals. Organic Process Research and Development, 2004, 8, 674-679.	2.7	71
56	Quantitative analysis of the calorimetric parameters associated with the temperature induced aggregation of aqueous solutions of polyoxypropylene. Thermochimica Acta, 2003, 400, 21-28.	2.7	3
57	Calorimetric Investigation of the Influence of Cross-Linker Concentration on the Volume Phase Transition of Poly(N-isopropylacrylamide) Colloidal Microgels. Langmuir, 2003, 19, 3202-3211.	3.5	71
58	Physicochemical Properties of Poly(N-isopropylacrylamide-co-4-vinylpyridine) Cationic Polyelectrolyte Colloidal Microgels. Langmuir, 2003, 19, 585-590.	3.5	123
59	Novel Gelling Behavior of Poly(N-isopropylacrylamide-co-vinyl laurate) Microgel Dispersions. Langmuir, 2002, 18, 6025-6030.	3.5	41
60	Measurement of the Interaction Forces between Poly(N-isopropylacrylamideâ^'acrylic acid) Microgel and Silica Surfaces by Colloid Probe Microscopy. Langmuir, 2002, 18, 2089-2095.	3.5	16
61	A New Application for Microgels:Â Novel Method for the Synthesis of Spherical Particles of the Y2O3:Eu Phosphor Using a Copolymer Microgel of NIPAM and Acrylic Acid. Langmuir, 2001, 17, 7145-7149.	3.5	127
62	Phase Transition Properties of Poly(Ethylene Oxide) in Aqueous Solutions of Sodium Chloride. Langmuir, 2001, 17, 4482-4485.	3.5	32
63	The synthesis of immobilised chiral dendrimers. New Journal of Chemistry, 2001, 25, 807-818.	2.8	27
64	Characterisation of the aggregation behaviour in a salmeterol and fluticasone propionate inhalation aerosol system. International Journal of Pharmaceutics, 2001, 221, 165-174.	5.2	48
65	The effect of pH and concentration upon aggregation transitions in aqueous solutions of poloxamine T701. International Journal of Pharmaceutics, 2001, 229, 57-66.	5.2	44
66	The preparation and spectral characterisation of vinylferroceneâ€“styrene copolymer latexes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 186, 221-228.	4.7	6
67	Semi-quantitative trace analysis of nuclear fast red by surface enhanced resonance Raman scattering. Analytica Chimica Acta, 2001, 450, 115-122.	5.4	29
68	Novel microgel-particle colloids: the detailed characterisation of the layer structure and chain topology of silica:poly(NIPAM) coreÃ¢Â€Â“shell particles. Polymer, 2000, 41, 7133-7137.	3.8	33
69	Identification and deconvolution of dissociation and aggregation transitions during thermally induced micellisation in aqueous solutions of ethylene oxideâ€“propylene oxideâ€“ethylene oxide block copolymers. Thermochimica Acta, 2000, 359, 29-36.	2.7	9
70	The use of poly (N -isopropylacrylamide) microgels as a multi-functional processing aid for aqueous alumina suspensions. Journal of the European Ceramic Society, 2000, 20, 1707-1716.	5.7	11
71	The physico-chemical properties of salmeterol and fluticasone propionate in different solvent environments. International Journal of Pharmaceutics, 2000, 200, 279-288.	5.2	31
72	The interaction of sodium dodecyl sulphate with colloidal microgel particles. European Polymer Journal, 2000, 36, 1355-1364.	5.4	23

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73	Effect of Sodium Chloride upon Micellization and Phase Separation Transitions in Aqueous Solutions of Triblock Copolymers:Â A High-Sensitivity Differential Scanning Calorimetry Study. Langmuir, 1998, 14, 2004-2010.	3.5	89
74	The preparation and physico-chemical properties of poly(N-ethylacrylamide) microgels. Polymer, 1998, 39, 1207-1212.	3.8	35
75	The use of microemulsion electrokinetic chromatography in pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 1998, 18, 785-797.	2.8	85
76	Deconvolution of Scanning Calorimetric Signals Obtained for Aqueous Mixtures of Poly(Oxypropylene) Oligomers. Journal of Physical Chemistry B, 1997, 101, 10226-10232.	2.6	9
77	Adsorption of Lead Ions ontoN-Isopropylacrylamide and Acrylic Acid Copolymer Microgels. Journal of Colloid and Interface Science, 1997, 190, 198-205.	9.4	228
78	Colloidal copolymer microgels of N-isopropylacrylamide and acrylic acid: pH, ionic strength and temperature effects. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 5013.	1.7	278
79	Depletion flocculation in colloidal dispersions. Advances in Colloid and Interface Science, 1996, 68, 57-96.	14.7	122
80	The preparation, characterisation and applications of colloidal microgels. Advances in Colloid and Interface Science, 1995, 54, 73-91.	14.7	250
81	Heteroaggregation in colloidal dispersions. Advances in Colloid and Interface Science, 1995, 62, 109-136.	14.7	131
82	PGSE-NMR studies of solvent diffusion in poly(N-isopropylacrylamide) colloidal microgels. Colloid and Polymer Science, 1995, 273, 405-411.	2.1	31
83	The effect of surface modification on the stability characteristics of poly(N-isopropylacrylamide) latices under Brownian and flow conditions. Colloid and Polymer Science, 1994, 272, 1273-1280.	2.1	50
84	Phase Separation of Concentrated Aqueous Silica Dispersions in the Presence of Nonadsorbed Polyelectrolytes. Journal of Colloid and Interface Science, 1994, 166, 160-167.	9.4	25
85	Faraday communications. Microwave synthesis of the colloidal poly(N-isopropylacrylamide) microgel system. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 1999.	1.7	31
86	Colloidal microgel systems: phase transition properties in aqueous solution of poly(N-isopropylacrylamide). Journal of the Chemical Society Chemical Communications, 1994, , 1803.	2.0	29
87	Use of colloidal microgels for the absorption of heavy metal and other ions from aqueous solution. Analyst, The, 1993, 118, 1367.	3.5	89
88	The use of poly(N-isopropylacrylamide) latices as novel release systems. Journal of the Chemical Society Chemical Communications, 1992, , 803.	2.0	26
89	Flocculation of silica particles by adsorbing and non-adsorbing polymers. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 2201.	1.7	60
90	Neutral, cationic and dicationic seven-coordinate complexes of molybdenum(II) and tungsten(II) containing mono- and bidentate nitrogen donor ligands. Transition Metal Chemistry, 1990, 15, 71-74.	1.4	2

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91	Synthesis of some mixed seven-coordinate complexes of the type [MI2(CO)3LLâ€²] (M = Mo or W;L =) Tj ETQq1 1 0.784314 rgBT /Over	2.4	12
92	Functional characteristics of gum arabic. Food Hydrocolloids, 1987, 1, 291-300.	10.7	39
93	Smart Polymers: Microgels from. , 0, , 7425-7444.		0