

David A Beattie

List of Publications by Year in descending order

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130
papers

3,972
citations

117625
34
h-index

155660
55
g-index

131
all docs

131
docs citations

131
times ranked

4741
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized gold nanoparticles: Synthesis, structure and colloid stability. Journal of Colloid and Interface Science, 2009, 331, 251-262.	9.4	351
2	Probing buried interfaces with non-linear optical spectroscopy. Surface Science, 2002, 500, 545-576.	1.9	129
3	An in situ ATR-FTIR study of polyacrylamide adsorption at the talc surface. Journal of Colloid and Interface Science, 2006, 297, 54-61.	9.4	125
4	In Situ Particle Film ATR FTIR Spectroscopy of Carboxymethyl Cellulose Adsorption on Talc: Binding Mechanism, pH Effects, and Adsorption Kinetics. Langmuir, 2008, 24, 8036-8044.	3.5	121
5	Surficial Siloxane-to-Silanol Interconversion during Room-Temperature Hydration/Dehydration of Amorphous Silica Films Observed by ATR-IR and TIR-Raman Spectroscopy. Langmuir, 2016, 32, 1568-1576.	3.5	101
6	Synchrotron XPS studies of solution exposed chalcopyrite, bornite, and heterogeneous chalcopyrite with bornite. International Journal of Mineral Processing, 2010, 94, 43-51.	2.6	95
7	Synchrotron XPS, NEXAFS, and ToF-SIMS studies of solution exposed chalcopyrite and heterogeneous chalcopyrite with pyrite. Minerals Engineering, 2010, 23, 928-936.	4.3	85
8	Direct attachment of well-aligned single-walled carbon nanotube architectures to silicon (100) surfaces: a simple approach for device assembly. Physical Chemistry Chemical Physics, 2007, 9, 510-520.	2.8	78
9	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. Advanced Drug Delivery Reviews, 2019, 142, 102-117.	13.7	76
10	Copper and arsenate co-sorption at the mineral-water interfaces of goethite and jarosite. Journal of Colloid and Interface Science, 2008, 322, 399-413.	9.4	75
11	Chemical Defects in the Highly Fluorescent Conjugated Polymer Dots. Langmuir, 2010, 26, 17785-17789.	3.5	75
12	The effect of polysaccharides and polyacrylamides on the depression of talc and the flotation of sulphide minerals. Minerals Engineering, 2006, 19, 598-608.	4.3	68
13	Influence of adsorbed polysaccharides and polyacrylamides on talc flotation. International Journal of Mineral Processing, 2006, 78, 238-249.	2.6	67
14	Adsorption of modified dextrans on molybdenite: AFM imaging, contact angle, and flotation studies. Journal of Colloid and Interface Science, 2012, 368, 608-615.	9.4	67
15	In Situ ATR FTIR Studies of SO_4^{2-} Adsorption on Goethite in the Presence of Copper Ions. Environmental Science & Technology, 2008, 42, 9191-9196.	10.0	61
16	Adsorption of tailored carboxymethyl cellulose polymers on talc and chalcopyrite: Correlation between coverage, wettability, and flotation. Minerals Engineering, 2010, 23, 985-993.	4.3	61
17	Static and dynamic wetting behaviour of ionic liquids. Advances in Colloid and Interface Science, 2015, 222, 162-171.	14.7	52
18	XPS and ToF-SIMS study of a chalcopyrite-pyrite-sphalerite mixture treated with xanthate and sodium bisulphite. Surface and Interface Analysis, 2005, 37, 699-709.	1.8	51

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19	The Role of Porous Nanostructure in Controlling Lipase-Mediated Digestion of Lipid Loaded into Silica Particles. <i>Langmuir</i> , 2014, 30, 2779-2788.	3.5	50
20	Adsorption of modified dextrans to a hydrophobic surface: QCM-D studies, AFM imaging, and dynamic contact angle measurements. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 417-426.	9.4	49
21	Self-ordering Electrochemistry: A Simple Approach for Engineering Nanopore and Nanotube Arrays for Emerging Applications. <i>Australian Journal of Chemistry</i> , 2011, 64, 294.	0.9	48
22	Accounting for corner flow unifies the understanding of droplet formation in microfluidic channels. <i>Nature Communications</i> , 2019, 10, 2528.	12.8	47
23	Molecularly-Thin Precursor Films of Imidazolium-Based Ionic Liquids on Mica. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23676-23684.	3.1	46
24	A comparative study of confined organic monolayers by Raman scattering and sum-frequency spectroscopy. <i>Vibrational Spectroscopy</i> , 2000, 24, 109-123.	2.2	45
25	Carboxymethylcellulose Adsorption on Molybdenite: The Effect of Electrolyte Composition on Adsorption, Bubble-Surface Collisions, and Flotation. <i>Langmuir</i> , 2014, 30, 11975-11984.	3.5	45
26	Bioinspired drug delivery strategies for repurposing conventional antibiotics against intracellular infections. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113948.	13.7	45
27	Adsorption of Modified Dextrans on Talc: Effect of Surface Coverage and Hydration Water on Hydrophobicity Reduction. <i>Langmuir</i> , 2008, 24, 6121-6127.	3.5	41
28	Adsorption of Dextrin on Hydrophobic Minerals. <i>Langmuir</i> , 2009, 25, 9913-9921.	3.5	41
29	The Influence of Surface Hydrophobicity on Polyacrylamide Adsorption. <i>Langmuir</i> , 2009, 25, 4514-4521.	3.5	41
30	Reduction of Surface Hydrophobicity Using a Stimulus-Responsive Polysaccharide. <i>Langmuir</i> , 2010, 26, 15865-15874.	3.5	39
31	Tuning polyelectrolyte multilayer structure by exploiting natural variation in fucoidan chemistry. <i>Soft Matter</i> , 2015, 11, 2110-2124.	2.7	39
32	Mobile or Immobile? Rise Velocity of Air Bubbles in High-Purity Water. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15131-15138.	3.1	38
33	An update on polymer-lipid hybrid systems for improving oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 507-524.	5.0	38
34	Nanostructured Montmorillonite Clay for Controlling the Lipase-Mediated Digestion of Medium Chain Triglycerides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32732-32742.	8.0	36
35	Synthesis and Surface Structure of Thymine-Functionalized, Self-Assembled Monolayer-Protected Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 9170-9177.	3.5	35
36	Colloid Stability of Thymine-Functionalized Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 12096-12103.	3.5	35

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37	The influence of polymer chemistry on adsorption and flocculation of talc suspensions. Chemical Engineering Journal, 2013, 220, 375-382.	12.7	35
38	In situ particle film ATR FTIR spectroscopy of poly (N-isopropyl acrylamide) (PNIPAM) adsorption onto talc. Physical Chemistry Chemical Physics, 2014, 16, 25143-25151.	2.8	35
39	In Situ ATR FTIR Spectroscopic Study of the Formation and Hydration of a Fucoidan/Chitosan Polyelectrolyte Multilayer. Langmuir, 2015, 31, 11249-11259.	3.5	35
40	Adsorption of ionic liquids onto silver studied by XPS. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 544, 78-85.	4.7	35
41	Poly(lactic-co-glycolic) Acid–Lipid Hybrid Microparticles Enhance the Intracellular Uptake and Antibacterial Activity of Rifampicin. ACS Applied Materials & Interfaces, 2020, 12, 8030-8039.	8.0	34
42	Nanostructuring Biomaterials with Specific Activities towards Digestive Enzymes for Controlled Gastrointestinal Absorption of Lipophilic Bioactive Molecules. Advances in Colloid and Interface Science, 2016, 237, 52-75.	14.7	34
43	Light-Induced Aggregation of Colloidal Gold Nanoparticles Capped by Thymine Derivatives. Langmuir, 2008, 24, 4506-4511.	3.5	33
44	Porous nanostructure controls kinetics, disposition and self-assembly structure of lipid digestion products. RSC Advances, 2016, 6, 78385-78395.	3.6	33
45	In situ particle film ATR-FTIR studies of CMC adsorption on talc: The effect of ionic strength and multivalent metal ions. Minerals Engineering, 2008, 21, 1013-1019.	4.3	32
46	Structural isomerism in the I ₂ –Ar Van der Waals complex studied by ZEKE-PFI spectroscopy: evidence for both linear and T-shaped isomers. Chemical Physics Letters, 1996, 259, 554-562.	2.6	31
47	Sum-Frequency Spectroscopy of a Monolayer of Zinc Arachidate at the Solid–Solid Interface. Journal of Physical Chemistry B, 2006, 110, 2278-2292.	2.6	31
48	Orientating lipase molecules through surface chemical control for enhanced activity: A QCM-D and ToF-SIMS investigation. Colloids and Surfaces B: Biointerfaces, 2016, 142, 173-181.	5.0	31
49	Evolution of carboxymethyl cellulose layer morphology on hydrophobic mineral surfaces: Variation of polymer concentration and ionic strength. Journal of Colloid and Interface Science, 2010, 346, 303-310.	9.4	30
50	In Situ ATR FTIR Study of Dextrin Adsorption on Anatase TiO ₂ . Langmuir, 2012, 28, 4233-4240.	3.5	29
51	Spectroscopic study of ionic liquid adsorption from solution onto gold. Physical Chemistry Chemical Physics, 2015, 17, 4199-4209.	2.8	29
52	Synchrotron XPS studies of collector adsorption and co-adsorption on gold and gold: silver alloy surfaces. International Journal of Mineral Processing, 2009, 92, 162-168.	2.6	28
53	Incorporation and antimicrobial activity of nisin Z within carrageenan/chitosan multilayers. Scientific Reports, 2021, 11, 1690.	3.3	28
54	The effect of impurities and cleavage characteristics on talc hydrophobicity and polymer adsorption. International Journal of Mineral Processing, 2013, 118, 34-42.	2.6	27

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55	Interfacial processes that modulate the kinetics of lipase-mediated catalysis using porous silica host particles. <i>RSC Advances</i> , 2016, 6, 43802-43813.	3.6	27
56	A re-analysis of the vacuum ultraviolet absorption spectrum of I ₂ , Br ₂ , and ICl using ionization energies determined from their ZEKE-PFI photoelectron spectra. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1398-1411.	2.8	26
57	Effect of Adsorbed Polymers on Bubble-Particle Attachment. <i>Langmuir</i> , 2009, 25, 13290-13294.	3.5	26
58	Recent advances in studies of bubble-solid interactions and wetting film stability. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 44, 48-58.	7.4	24
59	Influence of Bile Composition on Membrane Incorporation of Transient Permeability Enhancers. <i>Molecular Pharmaceutics</i> , 2020, 17, 4226-4240.	4.6	24
60	Enhancing the Cellular Uptake and Antibacterial Activity of Rifampicin through Encapsulation in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 815.	4.1	24
61	QCM-D and ToF-SIMS Investigation to Deconvolute the Relationship between Lipid Adsorption and Orientation on Lipase Activity. <i>Langmuir</i> , 2015, 31, 10198-10207.	3.5	23
62	Bubble-surface interactions with graphite in the presence of adsorbed carboxymethylcellulose. <i>Soft Matter</i> , 2015, 11, 587-599.	2.7	22
63	Dynamic wetting of imidazolium-based ionic liquids on gold and glass. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2084-2093.	2.8	22
64	The influence of polyanion molecular weight on polyelectrolyte multilayers at surfaces: protein adsorption and protein-polysaccharide complexation/stripping on natural polysaccharide films on solid supports. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23790-23801.	2.8	21
65	Diffusing wave spectroscopy (DWS) methods applied to double emulsions. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 37, 74-87.	7.4	21
66	Comparison across Three Hybrid Lipid-Based Drug Delivery Systems for Improving the Oral Absorption of the Poorly Water-Soluble Weak Base Cinnarizine. <i>Molecular Pharmaceutics</i> , 2017, 14, 4008-4018.	4.6	20
67	Engineering intelligent particle-lipid composites that control lipase-mediated digestion. <i>Advances in Colloid and Interface Science</i> , 2018, 260, 1-23.	14.7	20
68	Doxorubicin-Loaded Delta Inulin Conjugates for Controlled and Targeted Drug Delivery: Development, Characterization, and In Vitro Evaluation. <i>Pharmaceutics</i> , 2019, 11, 581.	4.5	20
69	A safety, tolerability, and pharmacokinetic study of a novel simvastatin silica-lipid hybrid formulation in healthy male participants. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1261-1272.	5.8	20
70	Sericite-chalcocite mineral particle interactions and hetero-aggregation (sliming) mechanism in aqueous media. <i>Chemical Engineering Science</i> , 2009, 64, 3083-3093.	3.8	19
71	In situ atomic force microscopy of modified dextrin adsorption on hydrophobic and hydrophilic layered silicate minerals. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 429-437.	9.4	19
72	Low-Bandgap Conjugated Polymer Dots for Near-Infrared Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 4801-4808.	5.0	19

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73	Raman Scattering from Confined Liquid Films in the Sub-Nanometre Regime. <i>Tribology Letters</i> , 2007, 27, 159-167.	2.6	18
74	The influence of polymeric dispersants on sericite–chalcocite particle interactions in aqueous media. <i>Chemical Engineering Journal</i> , 2009, 152, 471-479.	12.7	18
75	Interfacial characterisation for flotation: 1. Solid-liquid interface. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 37, 61-73.	7.4	17
76	Formation and enzymatic degradation of poly-L-arginine/fucoidan multilayer films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 468-476.	5.0	16
77	Synergistic effect of PLGA nanoparticles and submicron triglyceride droplets in enhancing the intestinal solubilisation of a lipophilic weak base. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 118, 40-48.	4.0	16
78	Interfacial characterisation for flotation: 2. Air-water interface. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 37, 115-127.	7.4	16
79	Inorganic surface chemistry and nanostructure controls lipolytic product speciation and partitioning during the digestion of inorganic-lipid hybrid particles. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 666-679.	9.4	16
80	The influence of polyanion molecular weight on polyelectrolyte multilayers at surfaces: elasticity and susceptibility to saloplasticity of strongly dissociated synthetic polymers at fluid–fluid interfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23781-23789.	2.8	15
81	The influence of pH on the interfacial behaviour of Quillaja bark saponin at the air-solution interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 412-419.	5.0	15
82	Spray Dried Smectite Clay Particles as a Novel Treatment against Obesity. <i>Pharmaceutical Research</i> , 2019, 36, 21.	3.5	15
83	Lysozyme uptake into pharmaceutical grade fucoidan/chitosan polyelectrolyte multilayers under physiological conditions. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 555-566.	9.4	15
84	The pivotal role of polymer adsorption and flocculation conditions on dewaterability of talcaceous dispersions. <i>Chemical Engineering Journal</i> , 2010, 162, 457-465.	12.7	14
85	The role of mineral surface chemistry in modified dextrin adsorption. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 510-520.	9.4	14
86	Odd-even effects on hydration of natural polyelectrolyte multilayers: An in situ synchrotron FTIR microspectroscopy study. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 720-733.	9.4	14
87	Improving Correlations Between Drug Solubilization and In Vitro Lipolysis by Monitoring the Phase Partitioning of Lipolytic Species for Lipid-Based Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 295-304.	3.3	14
88	Engineering PLGA–Lipid Hybrid Microparticles for Enhanced Macrophage Uptake. <i>ACS Applied Bio Materials</i> , 2020, 3, 4159-4167.	4.6	14
89	(2+1) REMPI spectra of the I ₂ –Kr and I ₂ –N ₂ van der Waals complexes and the (2+1[prime]) ZEKE–PFI photoelectron spectrum of I ₂ –Kr. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 4245-4251.	1.7	12
90	Lubrication of starch in ionic liquid–water mixtures: Soluble carbohydrate polymers form a boundary film on hydrophobic surfaces. <i>Carbohydrate Polymers</i> , 2015, 133, 507-516.	10.2	12

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91	Controlling Bubble-Solid Surface Interactions with Environmentally Benign Interfacial Modifiers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3645-3656.	3.1	12
92	Synchrotron FTIR Microscopy of Langmuir-Blodgett Monolayers and Polyelectrolyte Multilayers at the Solid-Solid Interface. <i>Langmuir</i> , 2012, 28, 1683-1688.	3.5	10
93	Modulating the Lipase-Mediated Bioactivity of Particle-Lipid Conjugates Through Changes in Nanostructure and Surface Chemistry. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1700213.	1.5	10
94	Insights into hydrophobic molecule release from polyelectrolyte multilayer films using in situ and ex situ techniques. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22409-22417.	2.8	9
95	Challenges in imaging of soft layers and structures at solid surfaces using atomic force microscopy. <i>Surface Innovations</i> , 2014, 2, 151-159.	2.3	9
96	Nanostructured clay particles supplement orlistat action in inhibiting lipid digestion: An in vitro evaluation for the treatment of obesity. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 135, 1-11.	4.0	9
97	A Comparison of Chitosan, Mesoporous Silica and Poly(lactic-co-glycolic) Acid Nanocarriers for Optimising Intestinal Uptake of Oral Protein Therapeutics. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 217-227.	3.3	9
98	Mimicking the Gastrointestinal Mucus Barrier: Laboratory-Based Approaches to Facilitate an Enhanced Understanding of Mucus Permeation. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2819-2837.	5.2	9
99	A Novel Soft Contact Piezo-Controlled Liquid Cell for Probing Polymer Films under Confinement using Synchrotron FTIR Microspectroscopy. <i>Scientific Reports</i> , 2018, 8, 17804.	3.3	8
100	Fractionation and characterisation of hard milk fat crystals using atomic force microscopy. <i>Food Chemistry</i> , 2019, 279, 98-104.	8.2	8
101	Incorporation of FGF-2 into Pharmaceutical Grade Fucoidan/Chitosan Polyelectrolyte Multilayers. <i>Marine Drugs</i> , 2020, 18, 531.	4.6	8
102	Interfacial Tension Sensor for Low Dosage Surfactant Detection. <i>Colloids and Interfaces</i> , 2021, 5, 9.	2.1	8
103	Investigation of Self-Emulsifying Drug-Delivery System Interaction with a Biomimetic Membrane under Conditions Relevant to the Small Intestine. <i>Langmuir</i> , 2021, 37, 10200-10213.	3.5	8
104	Influence of Aqueous Phase Composition on Double Emulsion Stability and Colour Retention of Encapsulated Anthocyanins. <i>Foods</i> , 2022, 11, 34.	4.3	8
105	Contrasting Anti-obesity Effects of Smectite Clays and Mesoporous Silica in Sprague-Dawley Rats. <i>ACS Applied Bio Materials</i> , 2020, 3, 7779-7788.	4.6	7
106	Microporosity, Pore Size, and Diffusional Path Length Modulate Lipolysis Kinetics of Triglycerides Adsorbed onto SBA-15 Mesoporous Silica Particles. <i>Langmuir</i> , 2020, 36, 3367-3376.	3.5	7
107	TIRF Microscopy-Based Monitoring of Drug Permeation Across a Lipid Membrane Supported on Mesoporous Silica. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2069-2073.	13.8	7
108	ATR FTIR Study of the Interaction of TiO ₂ Nanoparticle Films with β -Lactoglobulin and Bile Salts. <i>Langmuir</i> , 2021, 37, 13278-13290.	3.5	7

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109	Formation and tribology of fucoidan/chitosan polyelectrolyte multilayers on PDMS substrates. <i>Biotribology</i> , 2017, 12, 15-23.	1.9	6
110	Porous Nanostructure, Lipid Composition, and Degree of Drug Supersaturation Modulate In Vitro Fenofibrate Solubilization in Silica-Lipid Hybrids. <i>Pharmaceutics</i> , 2020, 12, 687.	4.5	6
111	Independent Size and Fluorescence Emission Determination of Individual Biological Nanoparticles Reveals that Lipophilic Dye Incorporation Does Not Scale with Particle Size. <i>Langmuir</i> , 2020, 36, 9693-9700.	3.5	6
112	TIRF Microscopy-Based Monitoring of Drug Permeation Across a Lipid Membrane Supported on Mesoporous Silica. <i>Angewandte Chemie</i> , 2021, 133, 2097-2101.	2.0	6
113	The spectroscopy of Rydberg to Rydberg transitions in I ₂ and Br ₂ investigated by vibrationally induced autoionization. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1419-1424.	2.8	5
114	Multi-modal stabilisation of emulsions using a combination of hydrophilic particles and an amino acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 765-773.	4.7	5
115	Adsorption of Carboxymethyl Cellulose onto Titania Particle Films Studied with in Situ IR Spectroscopic Analysis. <i>Langmuir</i> , 2019, 35, 10734-10743.	3.5	5
116	Diffusion of Lipid Nanovesicles Bound to a Lipid Membrane Is Associated with the Partial-Slip Boundary Condition. <i>Nano Letters</i> , 2021, 21, 8503-8509.	9.1	5
117	Harnessing the potential of nanostructured formulations to mimic the food effect of lurasidone. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121098.	5.2	5
118	Chitosan nanoparticles facilitate improved intestinal permeation and oral pharmacokinetics of the mast cell stabiliser cromoglycate. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121382.	5.2	4
119	Liposomal 5-Fluorouracil Polymer Complexes Facilitate Tumor-Specific Delivery: Pharmaco-Distribution Kinetics Using Microdialysis. <i>Pharmaceutics</i> , 2022, 14, 221.	4.5	4
120	Influence of solution conditions and polymer chemistry on the adsorption behaviour of anionic dispersants onto chalcocite in aqueous media. <i>Chemical Engineering Journal</i> , 2011, 171, 104-112.	12.7	3
121	Adsorption of a Polyethoxylated Surfactant from Aqueous Solution to Silica Nanoparticle Films Studied with In Situ Attenuated Total Reflection Infrared Spectroscopy and Colloid Probe Atomic Force Microscopy. <i>Langmuir</i> , 2018, 34, 13481-13490.	3.5	3
122	Mechanical properties of thin films at the dodecane-water interface, for multilayered emulsion applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127051.	4.7	3
123	Polyelectrolyte multilayer formation on protein layer supports. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127470.	4.7	3
124	Attenuated Total Reflection FTIR Microspectroscopy at the Australian Synchrotron. , 2016, , .		3
125	Can small air bubbles probe very low frother concentration faster?. <i>Soft Matter</i> , 2021, 17, 9916-9925.	2.7	3
126	Preparation, characterization and electrochemistry of carbon nanotubes directly attached to Si(100) surfaces. , 2006, , .		2

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127	Revealing the Nanostructure of Glyceryl Tristearate Crystals by Atomic Force Microscopy. Crystal Growth and Design, 2019, 19, 513-519.	3.0	2
128	The effect of drug ionization on lipid-lased formulations for the oral delivery of anti-psychotics. ADMET and DMPK, 2020, 8, 437-451.	2.1	2
129	Optical properties of covalently anchored single-walled carbon nanotube arrays on silicon (100) surfaces. , 2006, 6415, 36.		0
130	Recent Advances in Macro ATR-FTIR Microspectroscopic Technique for High Resolution Surface Characterisation at Australian Synchrotron IR Beamline. , 2018, , .		0