

# Anna Trybala

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,026  
citations

567144

15  
h-index

434063

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1094  
citing authors

#	ARTICLE	IF	CITATIONS
1	Foam flow through porous media. <i>Current Opinion in Colloid and Interface Science</i> , 2022, 58, 101555.	3.4	5
2	Stability of Two-Dimensional Liquid Foams under Externally Applied Electric Fields. <i>Langmuir</i> , 2022, 38, 6305-6321.	1.6	4
3	Effect of synthetic surfactants on the environment and the potential for substitution by biosurfactants. <i>Advances in Colloid and Interface Science</i> , 2021, 288, 102340.	7.0	151
4	Foam Quality of Foams Formed on Capillaries and Porous Media Systems. <i>Colloids and Interfaces</i> , 2021, 5, 10.	0.9	2
5	Formation of Sodium Dodecyl Sulfate Foams by Compression of Soft Porous Material. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 981-989.	1.0	2
6	Foam Formation by Compression/Decompression Cycle of Soft Porous Media. <i>Colloids and Interfaces</i> , 2020, 4, 31.	0.9	3
7	Electrokinetic Transport of a Charged Dye in a Freely Suspended Liquid Film: Experiments and Numerical Simulations. <i>Langmuir</i> , 2020, 36, 1183-1191.	1.6	6
8	Foam Formation and Interaction with Porous Media. <i>Coatings</i> , 2020, 10, 143.	1.2	5
9	Drying of Foam under Microgravity Conditions. <i>Microgravity Science and Technology</i> , 2019, 31, 589-601.	0.7	9
10	Foamability of soft porous media using compression. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123569.	2.3	6
11	Spreading and Imbibition of Vesicle Dispersion Droplets on Porous Substrates. <i>Colloids and Interfaces</i> , 2019, 3, 53.	0.9	10
12	Foam in pharmaceutical and medical applications. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 44, 153-167.	3.4	39
13	Wetting and Spreading of Commercially Available Aqueous Surfactants on Porous Materials. <i>Colloids and Interfaces</i> , 2019, 3, 14.	0.9	10
14	Foam drainage placed on a thin porous layer. <i>Soft Matter</i> , 2019, 15, 5331-5344.	1.2	11
15	Kinetics of Spreading over Porous Substrates. <i>Colloids and Interfaces</i> , 2019, 3, 38.	0.9	8
16	Interaction of liquid foams with porous substrates. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 39, 212-219.	3.4	11
17	Kinetics of spreading wetting of blood over porous substrates. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 36, 84-89.	3.4	7
18	Sessile Droplets on Deformable Substrates. <i>Colloids and Interfaces</i> , 2018, 2, 56.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Procedures used in electrokinetic investigations of surfactant-laden interfaces, liquid films and foam system. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 37, 128-135.	3.4	5
20	Electroosmotic Flow in Free Liquid Films: Understanding Flow in Foam Plateau Borders. <i>Colloids and Interfaces</i> , 2018, 2, 8.	0.9	6
21	Kinetics of Wetting and Spreading of Droplets over Various Substrates. <i>Langmuir</i> , 2017, 33, 4367-4385.	1.6	55
22	Electroosmotic flow measurements in a freely suspended liquid film: Experiments and numerical simulations. <i>Electrophoresis</i> , 2017, 38, 2554-2560.	1.3	9
23	Biological applications of kinetics of wetting and spreading. <i>Advances in Colloid and Interface Science</i> , 2017, 249, 17-36.	7.0	22
24	Foams built up by non-Newtonian polymeric solutions: Free drainage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 521, 112-120.	2.3	19
25	Removal of micrometer size particles from surfaces using laser-induced thermocapillary flow: Experimental results. <i>Journal of Colloid and Interface Science</i> , 2016, 473, 120-125.	5.0	16
26	Kinetics of spreading of synergetic surfactant mixtures in the case of partial wetting. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 505, 23-28.	2.3	10
27	Surfactant-enhanced spreading: Experimental achievements and possible mechanisms. <i>Advances in Colloid and Interface Science</i> , 2016, 233, 155-160.	7.0	46
28	Removal of submicron particles from solid surfaces using surfactants. <i>Colloids and Interface Science Communications</i> , 2015, 6, 13-16.	2.0	7
29	Foam drainage placed on a porous substrate. <i>Soft Matter</i> , 2015, 11, 3643-3652.	1.2	23
30	Gelatin hydrogel as a model for assessment of the wettability and water-resistance of polypeptide materials. <i>Colloid Journal</i> , 2015, 77, 321-326.	0.5	0
31	Interaction of foam with a porous medium: Theory and calculations. <i>European Physical Journal: Special Topics</i> , 2015, 224, 459-471.	1.2	16
32	Mixtures of cationic surfactants can be superspreaders: Comparison with trisiloxane superspreader. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 250-256.	5.0	29
33	Current applications of foams formed from mixed surfactant-polymer solutions. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 670-677.	7.0	152
34	Fluoro- vs hydrocarbon surfactants: Why do they differ in wetting performance?. <i>Advances in Colloid and Interface Science</i> , 2014, 210, 65-71.	7.0	147
35	Surfactant Enhanced Spreading: Cationic Mixture. <i>Colloids and Interface Science Communications</i> , 2014, 1, 1-5.	2.0	13
36	Simultaneous spreading and evaporation: Recent developments. <i>Advances in Colloid and Interface Science</i> , 2014, 206, 382-398.	7.0	90

#	ARTICLE	IF	CITATIONS
37	Influence of haematocrit level on the kinetics of blood spreading on thin porous medium during dried blood spot sampling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 451, 38-47.	2.3	40
38	Evaporation kinetics of sessile droplets of aqueous suspensions of inorganic nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2013, 403, 49-57.	5.0	26