Mohamed Youssry

List of Publications by Citations

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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.

25 papers	574 citations	13 h-index	23 g-index
26 ext. papers	690 ext. citations	4.8 avg, IF	4.07 L-index

#	Paper	IF	Citations
25	Non-aqueous carbon black suspensions for lithium-based redox flow batteries: rheology and simultaneous rheo-electrical behavior. *Physical Chemistry Chemical Physics*, **2013**, 15, 14476-86	3.6	109
24	Polymeric Micelles of Biodegradable Diblock Copolymers: Enhanced Encapsulation of Hydrophobic Drugs. *Materials*, **2018**, 11,	3.5	85
23	A straightforward determination of fluid viscosity and density using microcantilevers: From experimental data to analytical expressions. *Sensors and Actuators A: Physical*, **2011**, 172, 40-46	3.9	44
22	Surfactant for Enhanced Rheological, Electrical, and Electrochemical Performance of Suspensions for Semisolid Redox Flow Batteries and Supercapacitors. *ChemPlusChem*, **2015**, 80, 396-401	2.8	39
21	Electronic vs Ionic Limitations to Electrochemical Performance in Li4Ti5O12-Based Organic Suspensions for Lithium-Redox Flow Batteries. *Journal of the Electrochemical Society*, **2014**, 161, A693-A699	3.9	38
20	Formulation of flowable anolyte for redox flow batteries: Rheo-electrical study. *Journal of Power Sources*, **2015**, 274, 424-431	8.9	34
19	The Microcantilever: A Versatile Tool for Measuring the Rheological Properties of Complex Fluids. *Journal of Sensors*, **2012**, 2012, 1-9	2	34
18	Swollen and collapsed lyotropic lamellar rheology. *Journal of Colloid and Interface Science*, **2008**, 321, 459-67	9.3	32
17	NMR investigation of the dynamics of confined water in nafion-based electrolyte membranes at subfreezing temperatures. *Journal of Physical Chemistry B*, **2009**, 113, 13935-41	3.4	30
16	Unravelling micellar structure and dynamics in an unusually extensive DDAB/bile salt catanionic solution by rheology and NMR-diffusometry. *Journal of Colloid and Interface Science*, **2008**, 324, 192-8	9.3	17
15	Suspensions of carbon nanofibers in organic medium: rheo-electrical properties. *Physical Chemistry Chemical Physics*, **2015**, 17, 32316-27	3.6	15
14	Rheological investigation of thermal transitions in vesicular dispersion. *Journal of Colloid and Interface Science*, **2009**, 338, 550-7	9.3	14
13	Solution microstructures of the micellar phase of Pluronic L64/SDS/water system. *Journal of Colloid and Interface Science*, **2010**, 342, 348-53	9.3	13
12	Aqueous dispersions of carbon black and its hybrid with carbon nanofibers.. *RSC Advances*, **2018**, 8, 32119-32131	3.7	13
11	Physical functionalization of multi-walled carbon nanotubes for enhanced dispersibility in aqueous medium. *Emergent Materials*, **2020**, 3, 25-32	3.5	12
10	On-chip characterization of the viscoelasticity of complex fluids using microcantilevers. *Measurement Science and Technology*, **2012**, 23, 125306	2	12
9	A new physicochemical characterization of sodium taurodeoxycholate/water system. *Physical Chemistry Chemical Physics*, **2008**, 10, 6880-9	3.6	9

8	High-frequency viscoelastic measurements of fluids based on microcantilever sensing: New modeling and experimental issues. *Sensors and Actuators A: Physical*, **2013**, 201, 230-240	3.9	7
7	Effect of shear on vesicle and lamellar phases of DDAB/lecithin ternary systems. *Journal of Colloid and Interface Science*, **2011**, 358, 506-12	9.3	5
6	Carbon black dispersions in surfactant-based microemulsion. *Journal of Materials Research*, **2018**, 33, 1301-1307	2.5	3
5	Controllable synthesis of sodium titanates using facile ball milling method. *Ceramics International*, **2021**, 47, 14021-14032	5.1	3
4	Cylindrical and Branched Micelles at Low Temperature: A Rheological Study. *Journal of Dispersion Science and Technology*, **2011**, 32, 1493-1496	1.5	2
3	Aqueous self-assembly and physicochemical properties of 1,2-dilauroyl-rac-glycero-3-(N□acetyl-l-arginine). *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 327, 111-121	5.1	2
2	A straightforward determination of fluid viscosity and density using microcantilevers: Analytical and experimental studies. *Procedia Engineering*, **2010**, 5, 1035-1038		1
1	Promising aqueous dispersions of carbon black for semisolid flow battery application. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 129376	5.1	1