

Michael Hg Duits

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.

14
papers

239
citations

7
h-index

15
g-index

15
ext. papers

299
ext. citations

6.4
avg, IF

3.23
L-index

#	Paper	IF	Citations
14	Effects of Fluid Aging and Reservoir Temperature on Waterflooding in 2.5D Glass Micromodels. <i>Energy & Fuels</i> , 2022 , 36, 1388-1401	4.1	0
13	Roughness induced rotational slowdown near the colloidal glass transition. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 1709-1716	9.3	0
12	In-situ observation of reactive wettability alteration using algorithm-improved confocal Raman microscopy. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 551-560	9.3	5
11	Ultrasensitive Detection and In Situ Imaging of Analytes on Graphene Oxide Analogues Using Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2021 , 93, 12966-12972	7.8	
10	Spherical probes for simultaneous measurement of rotational and translational diffusion in 3 dimensions. <i>Journal of Colloid and Interface Science</i> , 2020 , 576, 322-329	9.3	2
9	Electrochemically Induced Changes in TiO and Carbon Films Studied with QCM-D. <i>ACS Applied Energy Materials</i> , 2020 , 3, 1775-1783	6.1	3
8	Mineral Interfaces and Oil Recovery: A Microscopic View on Surface Reconstruction, Organic Modification, and Wettability Alteration of Carbonates. <i>Energy & Fuels</i> , 2020 , 34, 5611-5622	4.1	8
7	Wetting of Mineral Surfaces by Fatty-Acid-Laden Oil and Brine: Carbonate Effect at Elevated Temperature. <i>Energy & Fuels</i> , 2019 , 33, 9446-9456	4.1	7
6	Combined microfluidics-confocal Raman microscopy platform for studying enhanced oil recovery mechanisms. <i>Journal of Raman Spectroscopy</i> , 2019 , 50, 996	2.3	4
5	Salinity-dependent contact angle alteration in oil/brine/silicate systems: The effect of temperature. <i>Journal of Petroleum Science and Engineering</i> , 2018 , 165, 1040-1048	4.4	11
4	Ion effects in the adsorption of carboxylate on oxide surfaces, studied with quartz crystal microbalance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 494, 30-38	5.1	20
3	Charge inversion and colloidal stability of carbon black in battery electrolyte solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 489, 461-468	5.1	28
2	Detection of ion adsorption at solid-liquid interfaces using internal reflection ellipsometry. <i>Sensors and Actuators B: Chemical</i> , 2015 , 210, 649-655	8.5	19
1	Hard and soft colloids at fluid interfaces: Adsorption, interactions, assembly & rheology. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 215-27	14.3	132