

# Michael Hg Duits

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

353  
citations

1039406

9  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roughness induced rotational slowdown near the colloidal glass transition. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1709-1716.	5.0	7
2	Effects of Fluid Aging and Reservoir Temperature on Waterflooding in 2.5D Glass Micromodels. <i>Energy &amp; Fuels</i> , 2022, 36, 1388-1401.	2.5	6
3	Formation and Stability of Heterogeneous Organo-Ionic Surface Layers on Geological Carbonates. <i>Energy &amp; Fuels</i> , 2022, 36, 7414-7433.	2.5	6
4	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.	5.0	10
5	Ultrasensitive Detection and In Situ Imaging of Analytes on Graphene Oxide Analogues Using Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2021, 93, 12966-12972.	3.2	1
6	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.	5.0	10
7	Electrochemically Induced Changes in TiO <sub>2</sub> and Carbon Films Studied with QCM-D. <i>ACS Applied Energy Materials</i> , 2020, 3, 1775-1783.	2.5	7
8	Mineral Interfaces and Oil Recovery: A Microscopic View on Surface Reconstruction, Organic Modification, and Wettability Alteration of Carbonates. <i>Energy &amp; Fuels</i> , 2020, 34, 5611-5622.	2.5	13
9	Combined microfluidics-confocal Raman microscopy platform for studying enhanced oil recovery mechanisms. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 996-1007.	1.2	7
10	Wetting of Mineral Surfaces by Fatty-Acid-Laden Oil and Brine: Carbonate Effect at Elevated Temperature. <i>Energy &amp; Fuels</i> , 2019, 33, 9446-9456.	2.5	10
11	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.	2.1	16
12	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.	2.3	24
13	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.	2.3	39
14	Detection of ion adsorption at solid-liquid interfaces using internal reflection ellipsometry. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 649-655.	4.0	25
15	Hard and soft colloids at fluid interfaces: Adsorption, interactions, assembly & rheology. <i>Advances in Colloid and Interface Science</i> , 2015, 222, 215-227.	7.0	172