Minoru Yoshimoto

List of Publications by Year
in descending order

22 papers	116 citations	1478505 6 h-index	1281871 11 g-index
22 all docs	22 docs citations	22 times ranked	105 citing authors

#	Article	IF	Citations
1	Noise-induced order in the chaos of the Belousovâ€“Zhabotinsky reaction. Journal of Chemical Physics, 2008, 129, 014508.	3.0	40
2	Periodic change of viscosity and density in an oscillating chemical reaction. Journal of Chemical Physics, 2004, 120, 7067-7070.	3.0	14
3	Characteristics of the series resonant-frequency shift of a quartz crystal microbalance in electrolyte solutions. Analyst, The, 2006, 131, 1175.	3.5	14
4	Dynamic Properties of Self-Assembled Monolayers of Mercapto Oligo(ethylene oxide) Methyl Ether on an Oscillating Solidâ€“Liquid Interface. Journal of Physical Chemistry C, 2014, 118, 16067-16073.	3.1	14
5	Characteristics of Dependence on Immersion Angle of a Oneâ€Face Sealed Quartz Crystal Microbalance in a Newtonian Liquid. Instrumentation Science and Technology, 2003, 31, 109-119.	1.8	8
6	Dynamic properties of the polyethylene glycol molecules on the oscillating solidâ€“liquid interface. Analytica Chimica Acta, 2012, 731, 82-87.	5.4	8
7	Frequency Dependence of Dynamic Properties of Polyethylene Glycol Molecules on Oscillating Solidâ€“Liquid Interface. Journal of Physical Chemistry C, 2017, 121, 16964-16969.	3.1	5
8	Gas Sorption of Acetone, Diethyl Ether, Toluene, Acetic Acid, and Ammonia on Plasma-Polymerized Hexamethyldisiloxane Films Coated with Quartz Crystal Microbalance. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 743-745.	0.3	4
9	Dependence on the electric power of the immersion-angle dependence of the resonant-frequency shift of a quartz crystal microbalance in a liquid. Analytica Chimica Acta, 2007, 589, 39-43.	5.4	2
10	Physical Properties of Self-Assembled Monolayers of Mercapto Oligo (ethylene oxide) Methyl Ether on Gold. Journal of Oleo Science, 2013, 62, 45-50.	1.4	2
11	Immersionâ€Angle Dependence of a Singleâ€Face Sealed Quartz Crystal Microbalance Using an Oscillation Circuit. Instrumentation Science and Technology, 2004, 32, 353-360.	1.8	1
12	Dynamical behavior of lipid bilayer membranes for taste substances under random membrane-potential fluctuations. Biophysical Chemistry, 2005, 118, 1-6.	2.8	1
13	Temperature dependence of physical properties of soft matters on the oscillating solid-liquid interface. Chemical Physics, 2019, 523, 87-91.	1.9	1
14	Pattern dynamics in the Belousov-Zhabotinsky coupled map lattice. Indian Journal of Physics, 0, , 1.	1.8	1
15	Nanoscale Dynamics of Self-Assembled Monolayers on a MHz-Oscillating Solidâ€“Liquid Interface Revealed by Direct Observation. Journal of Physical Chemistry C, 2021, 125, 13629-13634.	3.1	1
16	Disapearance of the Immersionâ€Angle Dependence of the Resonant Frequency Shift of the Quartz Crystal Microbalance in a Newtonian Liquid. Instrumentation Science and Technology, 2005, 33, 355-365.	1.8	0
17	Immersionâ€Angle Dependence of the Resonantâ€Frequency Shift of a Quartz Crystal Microbalance in Three Types of Newtonian Liquids. Instrumentation Science and Technology, 2007, 35, 495-505.	1.8	0
18	Behavior of the Resonant Frequency Shift of the Quartz Crystal Microbalance in NaCl Solution. Instrumentation Science and Technology, 2007, 35, 177-187.	1.8	0

#	Article	IF	Citations
19	Immersion angle dependence of the resonant-frequency shift of the quartz crystal microbalance in a liquid: Effects of longitudinal wave. Analytica Chimica Acta, 2007, 593, 196-198.	5.4	0
20	Admittance Analysis of the Resonant Frequency Shift of the Quartz Crystal Microbalance in a Newtonian Liquid. Instrumentation Science and Technology, 2009, 37, 319-326.	1.8	0
21	Behavior of Polyethylene Glycol Molecules at an Oscillating Solid-Liquid Interface. Journal of Oleo Science, 2014, 63, 75-82.	1.4	0
22	Temperature Dependence of the Rheology of Soft Matter on a MHz-oscillating Solid-liquid Interface. Journal of Oleo Science, 2022, , .	1.4	0