

Shinpei Kado

List of Publications by Year in descending order

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18
papers

254
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Complexation Force of 18-Crown-6 with Ammonium Ion Evaluated by Atomic Force Microscopy. <i>Journal of the American Chemical Society</i> , 2003, 125, 4560-4564.	13.7	50
2	Highly selective recognition of acetate and bicarbonate by thiourea-functionalised inverse opal hydrogel in aqueous solution. <i>Chemical Communications</i> , 2013, 49, 886-888.	4.1	36
3	Studies on metal-ion complex formation of crown ether derivatives incorporating a photoionizable spirobenzopyran moiety by electrospray ionization mass spectrometry. <i>Analyst</i> , 2000, 125, 1091-1095.	3.5	30
4	Photoswitching of Single Association Force between a Pair of Photoionizable Spirobenzopyrans. <i>Journal of the American Chemical Society</i> , 2005, 127, 3026-3030.	13.7	29
5	Application of Gold Nanoparticles to Spectrophotometric Sensing of Hydrophilic Anions Based on Molecular Recognition by Urea Derivative. <i>Analytical Sciences</i> , 2009, 25, 261-265.	1.6	24
6	Potassium-ion-selective sensing based on selective reflection of cholesteric liquid crystal membranes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 227-232.	1.6	17
7	AFM Observation of Cation Complexation of Dibenzocrown Ethers Adsorbed on Highly Oriented Pyrolytic Graphite. <i>Langmuir</i> , 2004, 20, 3259-3263.	3.5	15
8	Widely Tunable Plasmon Resonances from Visible to Near-Infrared of Hollow Silver Nanoshells. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 537-545.	3.2	13
9	Effect of Intramonomer Hydrogen Bonding of Carboxyl Groups in Self-assembled Monolayers on a Single Force with Phenylurea on an AFM Probe Tip. <i>Analytical Sciences</i> , 2006, 22, 521-527.	1.6	8
10	Effects of Polypropylene Glycol at Very Low Concentrations on Rheological Properties at the Air-Water Interface and Foam Stability of Sodium Bis(2-ethylhexyl)sulfosuccinate Aqueous Solutions. <i>Langmuir</i> , 2020, 36, 10043-10050.	3.5	8
11	Single-molecule force spectroscopic study on chiral recognition of cysteine derivatives immobilized on a gold substrate by using AFM tips chemically modified with optically active crown ethers. <i>RSC Advances</i> , 2014, 4, 57850-57854.	3.6	6
12	One-pot synthesis of silver nanoshells with near-infrared extinction by a thiocyanate-assisted approach. <i>RSC Advances</i> , 2014, 4, 10830.	3.6	6
13	Relationship between air-water interfacial dilational viscoelasticity and foam property in aqueous solutions of sodium alkylsulfates with different hydrocarbon chains. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1218-1224.	2.4	5
14	Evaluation of Stretching Properties of [7]Thiaheterohelicene Framework Called "Molecular Spring" Using AFM Force Measurements and Electrostatic State Calculations. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 544-550.	3.2	4
15	2D Visualization of Mannose Distribution Using AFM Force Sensing with Probe Modified by Concanavalin A. <i>Journal of Surface Analysis (Online)</i> , 2011, 17, 328-332.	0.1	1
16	Two-Dimensional Nanoscale Imaging of Sugar Distribution Using AFM Force Sensing with Probe Modified by Concanavalin A. <i>Journal of Surface Analysis (Online)</i> , 2012, 18, 164-173.	0.1	1
17	Foam Destabilization Effect of Sodium Bis(2-ethylhexyl)sulfosuccinate on Sodium Alkylsulfate Aqueous Solutions Based on Its Fast Surface Tension Gradient Relaxation. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 542-548.	3.2	1
18	Direct Observation of Specific Intermolecular Forces in Functional Molecules by Atomic Force Microscopy. <i>Bunseki Kagaku</i> , 2006, 55, 369-380.	0.2	0