

Naoki Baden

List of Publications by Year in descending order

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16
papers

319
citations

933264

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1125617

13
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16
all docs

16
docs citations

16
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Method for High-Spatial-Resolution Chemical Analysis of Buried Polymer-Metal Interface: Atomic Force Microscopy-Infrared (AFM-IR) Spectroscopy with Low-Angle Microtomy. Applied Spectroscopy, 2021, 75, 000370282110071.	1.2	3
2	Submicron-resolution polymer orientation mapping by optical photothermal infrared spectroscopy. International Journal of Polymer Analysis and Characterization, 2020, 25, 1-7.	0.9	13
3	Nanoscale infrared imaging analysis of carbonaceous chondrites to understand organic-mineral interactions during aqueous alteration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 753-758.	3.3	37
4	New method for chemical characterization of polymer materials in industrial devices : AFM-IR with FIB sample preparation. , 2015, , .		2
5	Chemical Characterization of Metal/Polymer interface. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2015, 84, 591-595.	0.0	1
6	Photochemical reaction and diffusion of caged calcium studied by the transient grating. Chemical Physics Letters, 2008, 462, 58-63.	1.2	5
7	Thermodynamics of apoplastocyanin folding: Comparison between experimental and theoretical results. Journal of Chemical Physics, 2008, 128, 225104.	1.2	85
8	1P-070 Thermodynamics of apoplastocyanin folding : Comparison between experimental and theoretical results(Invited Talk for Early Research in Biophysics Award,Early Research in Biophysics Award)(The Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50337 Td (S		
9	Conformational Changes during Apoplastocyanin Folding Observed by Photocleavable Modification and Transient Grating. Journal of the American Chemical Society, 2006, 128, 7551-7558.	6.6	34
10	Intermolecular Interaction of Myoglobin with Water Molecules along the pH Denaturation Curve. Journal of Physical Chemistry B, 2006, 110, 15548-15555.	1.2	16
11	1P104 Conformational Changes during Apoplastocyanin Folding Observed by Photocleavable Modification and Transient Grating(3. Protein folding and misfolding (I),Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50337 Td (S		
12	Diffusion Coefficient and the Secondary Structure of Poly-L-glutamic Acid in Aqueous Solution. Journal of Physical Chemistry B, 2005, 109, 22623-22628.	1.2	41
13	A novel method for measurement of diffusion coefficients of proteins and DNA in solution. Chemical Physics Letters, 2004, 393, 539-545.	1.2	17
14	Dynamics of Water-Soluble Stilbene Dendrimers upon Photoisomerization. Journal of Physical Chemistry B, 2004, 108, 12783-12789.	1.2	15
15	Pressure effect on water solvation dynamics in micellar media. Journal of Physics Condensed Matter, 2004, 16, S1207-S1214.	0.7	18
16	High-Pressure Studies on Aggregation Number of Surfactant Micelles Using the Fluorescence Quenching Method. Journal of Physical Chemistry B, 2002, 106, 8621-8624.	1.2	32