

Natsuhiko Sugimura

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fluoride Ion-Encapsulated Germoxane Cages Modified with Organosiloxane Chains as Anionic Components of Ionic Liquids. <i>Organometallics</i> , 2022, 41, 1454-1463.	2.3	4
2	Nonpolar Water Clusters: Proton Nuclear Magnetic Resonance Spectroscopic Evidence for Transformation from Polar Water to Nonpolar Water Clusters in Liquid State. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 276-279.	4.6	4
3	Regioisomer Differentiation of Ring-Substituted Chloromethcathinones and Bromomethcathinones Using Gas Chromatography/Electron Ionization-Triple Quadrupole Energy-Resolved Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 601-605.	2.8	5
4	Two States of Water Converge to One State below 215 K. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5802-5806.	4.6	3
5	Encapsulation of Cu nanoparticles in nanovoids of plate-like silica sodalite through interlayer condensation of Cu ²⁺ ion-exchanged layered silicate RUB-15. <i>Dalton Transactions</i> , 2020, 49, 8067-8074.	3.3	3
6	Supercooled Low-Entropy Water Clusters. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3667-3671.	4.6	4
7	Consecutive HDDA and TDDA reactions of silicon-tethered tetraynes for the synthesis of dibenzosilole-fused polycyclic compounds and their unique reactivity. <i>Chemical Science</i> , 2019, 10, 6715-6720.	7.4	12
8	Triboionization: a Novel Ionization Method by Peeling of Cohesive Substances for Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1503-1511.	2.8	3
9	Enantioselective Synthesis of Nine- to Eleven-Membered Cyclic Polyphenylenes Containing Heteroatoms by Catalytic Intramolecular [2+2+2] Cycloaddition. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 970-977.	2.7	9
10	Energy-resolved mass spectrometry for differentiation of the fluorine substitution position on the phenyl ring of fluoromethcathinones. <i>Journal of Mass Spectrometry</i> , 2019, 54, 205-212.	1.6	9
11	Long-lived water clusters in hydrophobic solvents investigated by standard NMR techniques. <i>Scientific Reports</i> , 2019, 9, 223.	3.3	26
12	Theoretical study of charge-remote fragmentation along the reaction coordinate of 1,4-hydrogen elimination in the gas-phase: Energy barrier and mechanism. <i>Chemical Physics Letters</i> , 2018, 691, 336-340.	2.6	0
13	Identification of Antiglycative Compounds in Japanese Red Water Pepper (Red Leaf Variant of the) Tj ETQq1 1 0.784314 rgBT ₃ /Overlo	3.8	3
14	Water-Induced Phase Transition in Cyclohexane/n-Hexanol/Triton X-100 Mixtures at a Molar Composition of 1/16/74 Studied by NMR. <i>Journal of Physical Chemistry B</i> , 2017, 121, 876-882.	2.6	11
15	Structural Insights into a Hemoglobin-Albumin Cluster in Aqueous Medium. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 819-824.	4.6	6
16	Energy decomposition analysis of the interactions in adduct ions of acetophenone and Na ⁺ , NH ₄ ⁺ and H ⁺ in the gas phase. <i>Chemical Physics Letters</i> , 2017, 684, 20-23.	2.6	3
17	Aggregation Number in Water/n-Hexanol Molecular Clusters Formed in Cyclohexane at Different Water/n-Hexanol/Cyclohexane Compositions Calculated by Titration 1H NMR. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10285-10291.	2.6	5
18	Nudged elastic band method and density functional theory calculation for finding a local minimum energy pathway of <i>p</i> -benzoquinone and phenol fragmentation in mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 40-44.	1.0	1

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19	DFT Studies on the Mechanism of the Iridium-Catalyzed Formal [4 + 1] Cycloaddition of Biphenylene with Alkenes. ACS Omega, 2017, 2, 5228-5234.	3.5	6
20	Energy-decomposition analysis of ion-neutral complexes along reaction coordinates of unimolecular proton-transfer reaction in gas phase: Comparison between 2-butanol radical ion and protonated 2-ethoxypropane ion. Chemical Physics Letters, 2017, 686, 124-130.	2.6	0
21	Observed adducts on positive mode direct analysis in real time mass spectrometry "Proton/ammonium adduct selectivities of 600-sample in-house chemical library. European Journal of Mass Spectrometry, 2017, 23, 4-10.	1.0	9
22	Stabilizers of edaravone aqueous solution and their action mechanisms. 1. Sodium bisulfite. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 159-163.	1.4	12
23	Differentiation of ABUBINACA positional isomers by the abundance of product ions using electron ionization"triple quadrupole mass spectrometry. Journal of Mass Spectrometry, 2016, 51, 1016-1022.	1.6	21
24	The Materials Characterization Central Laboratory: An Open-Ended Laboratory Program for Fourth-Year Undergraduate and Graduate Students. Journal of Chemical Education, 2016, 93, 1667-1670.	2.3	51
25	Representation of the coverage of mass spectrometry ionization methods in two-dimensional plots of molecular weight and polarity or dipole moment. Journal of Mass Spectrometry, 2016, 51, 583-585.	1.6	2
26	Correlation between 1H NMR chemical shifts of hydroxyl protons in n-hexanol/cyclohexane and molecular association properties investigated using density functional theory. Chemical Physics Letters, 2016, 644, 276-279.	2.6	9
27	Stability of Water/Poly(ethylene oxide)43-b-poly(lu-caprolactone)14/Cyclohexanone Emulsions Involves Water Exchange between the Core and the Bulk. Journal of Physical Chemistry B, 2015, 119, 15929-15937.	2.6	4
28	Comparison of the Applicability of Mass Spectrometer Ion Sources Using a Polarity" Molecular Weight Scattergram with a 600-Sample In-House Chemical Library. European Journal of Mass Spectrometry, 2015, 21, 91-96.	1.0	10
29	Prediction of Adducts on Positive Mode Electrospray Ionization Mass Spectrometry: Proton/Sodium Selectivity in Methanol Solutions. European Journal of Mass Spectrometry, 2015, 21, 725-731.	1.0	13
30	Photochromic Solid Materials Based on Poly(decylviologen) Complexed with Alginate and Poly(sodium 4-styrenesulfonate). Journal of Physical Chemistry B, 2015, 119, 13208-13217.	2.6	14
31	Formation of Ammonium Ion Adduct Molecules in Positive Direct Analysis in Real Time (DART) Ionization Mass Spectrometry. Journal of the Mass Spectrometry Society of Japan, 2014, 62, 25-27.	0.1	3
32	n-Hexanol association in cyclohexane studied by NMR and NIR spectroscopies. Journal of Molecular Liquids, 2014, 199, 301-308.	4.9	11
33	Fluorescent Dimer and Fiber of meso-Tetrakis(o-(isonicotinoylamino)phenyl)porphyrin Connected by Pd(II) Coordinations. Chemistry Letters, 2014, 43, 1008-1010.	1.3	2
34	Swine hemoglobin as a potential source of artificial oxygen carriers, hemoglobin-vesicles. Artificial Cells, Nanomedicine and Biotechnology, 2013, 41, 37-41.	2.8	4
35	An Imaging-Based Rapid Evaluation Method for Complement-Dependent Cytotoxicity Discriminated Clinical Response to Rituximab-Containing Chemotherapy. Clinical Cancer Research, 2009, 15, 3624-3632.	7.0	12
36	Identification of CD20 C-Terminal Deletion Mutations Associated with Loss of CD20 Expression in Non-Hodgkin's Lymphoma. Clinical Cancer Research, 2009, 15, 2523-2530.	7.0	68

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37	Continuous treatment of bestatin induces anti-angiogenic property in endothelial cells. <i>Cancer Science</i> , 2007, 98, 364-372.	3.9	17
38	MEK-ERK is involved in SUMO-1 foci formation on apoptosis. <i>Cancer Science</i> , 2007, 98, 569-576.	3.9	5
39	Blockade of bulky lymphoma-associated CD55 expression by RNA interference overcomes resistance to complement-dependent cytotoxicity with rituximab. <i>Cancer Science</i> , 2006, 97, 72-79.	3.9	55