

Ryuzo Nakanishi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

202
citations

1039880

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1058333

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22
all docs

22
docs citations

22
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of the laser-induced breakdown spectroscopy system using a ceramic microchip deteriorated by radiation for the remote elemental analysis. <i>Journal of Nuclear Science and Technology</i> , 2023, 60, 175-184.	0.7	5
2	Radiation robustness of laser ceramics and single crystal for microchip laser remote analysis. <i>Japanese Journal of Applied Physics</i> , 2022, 61, 032003.	0.8	1
3	Dispersive XAFS Study on the Laser-Induced Reduction of a Rh ³⁺ Ion Complex: Presence of a Rh ⁺ Intermediate in Direct Photoreduction. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5607-5616.	1.5	1
4	Ab initio MRCI study on potential energy surfaces for double Cl loss from the palladium tetrachloride anion PdCl ₄ ²⁻ . <i>Chemical Physics Letters</i> , 2021, 764, 138247.	1.2	5
5	Highly sensitive detection of sodium in aqueous solutions using laser-induced breakdown spectroscopy with liquid sheet jets. <i>Optics Express</i> , 2021, 29, 5205.	1.7	14
6	Ab initio study of palladium dichloride PdCl ₂ and its anion PdCl ₂ ⁻ . <i>Chemical Physics</i> , 2021, 551, 111349.	0.9	2
7	Detection of Gadolinium in Surrogate Nuclear Fuel Debris Using Fiber-Optic Laser-Induced Breakdown Spectroscopy under Gamma Irradiation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8985.	1.3	25
8	Ab initio MRCI study on potential energy curves for a single Cl loss from the palladium tetrachloride anion PdCl ₄ ²⁻ . <i>Chemical Physics Letters</i> , 2020, 746, 137288.	1.2	6
9	Application of an Augmentation Method to MCR-ALS Analysis for XAFS and Raman Data Matrices in the Structural Change of Isopolymolybdates. <i>Analytical Sciences</i> , 2020, 36, 1371-1375.	0.8	4
10	Photoinduced gold recovery mediated by isopolymolybdate in strongly acidic HCl/NaCl solutions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 383, 111994.	2.0	3
11	Photoelectron Spectroscopy of Molecular Anion of Alq ₃ : An Estimation of Reorganization Energy for Electron Transport in the Bulk. <i>ACS Omega</i> , 2018, 3, 15200-15204.	1.6	2
12	Anion photoelectron spectroscopy of free [Au ₂₅ (SC ₁₂ H ₂₅) ₁₈] ⁻ . <i>Nanoscale</i> , 2017, 9, 13409-13412.	2.8	35
13	Photoelectron Spectroscopy and Ab Initio Calculations of CS ₃ Isomers: Carbon Trisulfide and Carbon Disulfide S-Sulfide Anions. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6956-6962.	1.1	0
14	Incorporation of ROH (R = CH ₃ , C ₂ H ₅ ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (2-C ₂ H ₅) ₂ on the Growth Process of the Hydrogen-Bond Network. <i>Journal of Physical Chemistry A</i> , 2014, 118, 7360-7366.	1.1	0
15	Microhydration Effects on the Intermediates of the S _N ² Reaction of Iodide Anion with Methyl Iodide. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4380-4383.	7.2	32
16	Hydrogen-Bond Network Transformation in Water-Cluster Anions Induced by the Complex Formation with Benzene. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3571-3575.	2.1	2
17	Photoelectron Spectroscopy and Ab initio Calculations of Peroxy Form of SO ₄ ⁻ Anion. <i>Journal of Physical Chemistry A</i> , 2010, 114, 5640-5647.	1.1	2
18	Theoretical Study on the Excess Electron Binding Mechanism in the [CH ₃ NO ₂ ·(H ₂ O) _n] ⁻ (<i>n</i> = 1-6) Anion Clusters. <i>Journal of Physical Chemistry A</i> , 2010, 114, 8939-8947.	1.1	12

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19	Formation and photodestruction of dual dipole-bound anion $(\text{H}_2\text{O})_6\{\text{e}^-\}$ CH ₃ NO ₂ . Journal of Chemical Physics, 2009, 130, 224309.	1.2	12
20	Photodissociation of gas-phase I ₃ ⁺ : Comprehensive understanding of nonadiabatic dissociation dynamics. Journal of Chemical Physics, 2007, 126, 204311.	1.2	16
21	$\frac{1}{\text{H}_2\text{O}} \left(\frac{1}{\text{H}_2\text{O}} \right)^2 \left(\frac{1}{\text{H}_2\text{O}} \right)^3 \dots$	1.2	13
22	Formation of O ₂ CNO ⁺ in the reaction of (CO) _n - with NO. Chemical Physics Letters, 2006, 433, 10-14.	1.2	10