

Takeyoshi Goto

List of Publications by Year in descending order

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19
papers

261
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of metal cations on the nature of the first electronic transition of liquid water as studied by attenuated total reflection far-ultraviolet spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8097.	2.8	44
2	Electronic Transitions of Protonated and Deprotonated Amino Acids in Aqueous Solution in the Region 145–300 nm Studied by Attenuated Total Reflection Far-Ultraviolet Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2517-2528.	2.5	39
3	Surface Effect of Alumina on the First Electronic Transition of Liquid Water Studied by Far-Ultraviolet Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1022-1026.	4.6	28
4	Direct optical measurements of far- and deep-ultraviolet surface plasmon resonance with different refractive indices. <i>Optics Express</i> , 2016, 24, 21886.	3.4	28
5	Effects of Lanthanoid Cations on the First Electronic Transition of Liquid Water Studied Using Attenuated Total Reflection Far-Ultraviolet Spectroscopy: Ligand Field Splitting of Lanthanoid Hydrates in Aqueous Solutions. <i>Inorganic Chemistry</i> , 2012, 51, 10650-10656.	4.0	25
6	Kinetic characteristics of enhanced photochromism in tungsten oxide nanocolloid adsorbed on cellulose substrates, studied by total internal reflection Raman spectroscopy. <i>RSC Advances</i> , 2012, 2, 2128.	3.6	18
7	Pulse Laser Photolysis of Aqueous Ozone in the Microsecond Range Studied by Time-Resolved Far-Ultraviolet Absorption Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 4500-4506.	6.5	18
8	Aluminum Film Thickness Dependence of Surface Plasmon Resonance in the Far- and Deep-ultraviolet Regions. <i>Chemistry Letters</i> , 2017, 46, 1560-1563.	1.3	16
9	Prevention of Photooxidation of Deoxymyoglobin and Reduced Cytochrome <i>c</i> during Enhanced Raman Measurements: SERRS with Thiol-Protected Ag Nanoparticles and a TERS Technique. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10329-10334.	3.1	13
10	A Correction Method for Attenuated Total Reflection Far Ultraviolet Spectra Via the Use of Charge Transfer to Solvent Band Intensities of Iodide in the Ultraviolet Region. <i>Applied Spectroscopy</i> , 2017, 71, 1530-1536.	2.2	11
11	SERS Study of Rotational Isomerization of Cysteamine Induced by Magnetic Pulling Force. <i>Langmuir</i> , 2010, 26, 4848-4853.	3.5	9
12	Interpretation of the $\tilde{\nu}_f$ transition of hydrated protons in aqueous solutions observed in the far-UV region with quantum chemical calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21490-21499.	2.8	6
13	Effects of a Magnetic Force on Surface-Enhanced Raman Spectra of a Cysteamine Linking Magnetic Particle and a Silver Colloid Plate. <i>Analytical Sciences</i> , 2007, 23, 891-893.	1.6	2
14	SERS Measurements of Magnetic Stretching Force-Induced Trans-Gauche Conformational Change. <i>Analytical Sciences</i> , 2010, 26, 135-136.	1.6	2
15	Imaging of Hydrophilicity and its Inhomogeneity on a Titanium Dioxide Film Exposed to Ultraviolet Irradiation Using a Newly Developed Near-Infrared Camera. <i>Applied Spectroscopy</i> , 2015, 69, 1251-1256.	2.2	2
16	Raman Microprobe Spectrometer Installed in a Super-Conducting Magnet. <i>Analytical Sciences</i> , 2006, 22, 1043-1046.	1.6	0
17	Analysis of Electronic Transition of Aqueous Solutions Studied by Far-ultraviolet Spectroscopy. <i>Bunseki Kagaku</i> , 2015, 64, 173-184.	0.2	0
18	New Application of Far-ultraviolet Spectroscopy. <i>Bunseki Kagaku</i> , 2017, 66, 319-331.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Study of first electronic transition and hydrogen bonding state of ultra-thin water layer of nanometer thickness on an α -alumina surface by far-ultraviolet spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 133-137.	3.9	0