

Emiko Kazuma

List of Publications by Year in descending order

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33
papers

1,174
citations

535685

17
h-index

466096

32
g-index

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all docs

35
docs citations

35
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	Steering the Reaction Pathways of Terminal Alkynes by Introducing Oxygen Species: From C-C Coupling to C-H Activation. <i>Journal of the American Chemical Society</i> , 2022, 144, 10282-10290.	6.6	3
2	Excited States of Metal-Adsorbed Dimethyl Disulfide: A TDDFT Study with Cluster Model. <i>Journal of Physical Chemistry A</i> , 2022, 126, 4191-4198.	1.1	2
3	Chemical Identification and Bond Control of C-Skeletons in a Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 9461-9467.	6.6	19
4	Underpotential Deposition of Silver on Gold for Surface Catalysis of Plasmon-Enhanced Reduction of 4-Nitrothiophenol. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16569-16575.	1.5	3
5	Graphite Electrodes Immersed in Nonaqueous Li ⁺ Electrolytes Studied with a Combined Ultrahigh Vacuum Electrochemistry Approach. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21093-21100.	1.5	3
6	Dissociation Mechanism of a Single O ₂ Molecule Chemisorbed on Ag(110). <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9868-9873.	2.1	3
7	Self-Consistent Tip Conditioning for Tip-Enhanced Raman Spectroscopy in an Ambient Environment. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23243-23252.	1.5	7
8	Single-Molecule Study of a Plasmon-Induced Reaction for a Strongly Chemisorbed Molecule. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7960-7966.	7.2	37
9	Single-Molecule Study of a Plasmon-Induced Reaction for a Strongly Chemisorbed Molecule. <i>Angewandte Chemie</i> , 2020, 132, 8034-8040.	1.6	2
10	Innentitelbild: Single-Molecule Study of a Plasmon-Induced Reaction for a Strongly Chemisorbed Molecule (<i>Angew. Chem.</i> 20/2020). <i>Angewandte Chemie</i> , 2020, 132, 7698-7698.	1.6	0
11	Homogeneous Dispersion of Aromatic Thiolates in the Binary Self-Assembled Monolayer on Au(111) via Displacement Revealed by Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13141-13149.	1.5	12
12	Scanning probe microscopy for real-space observations of local chemical reactions induced by a localized surface plasmon. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19720-19731.	1.3	12
13	Development of tip-enhanced Raman spectroscopy based on a scanning tunneling microscope in a controlled ambient environment. <i>Japanese Journal of Applied Physics</i> , 2019, 58, S10801.	0.8	10
14	Self-Assembly Growth of an Upright Molecular Precursor with a Rigid Framework. <i>Journal of Physical Chemistry C</i> , 2019, 123, 31272-31278.	1.5	4
15	Systematic Assessment of Benzenethiol Self-Assembled Monolayers on Au(111) as a Standard Sample for Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2953-2963.	1.5	30
16	Mechanistic Studies of Plasmon Chemistry on Metal Catalysts. <i>Angewandte Chemie</i> , 2019, 131, 4850-4858.	1.6	12
17	Mechanistic Studies of Plasmon Chemistry on Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4800-4808.	7.2	146
18	Real-space and real-time observation of a plasmon-induced chemical reaction of a single molecule. <i>Science</i> , 2018, 360, 521-526.	6.0	224

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19	Fabrication of Sharp Gold Tips by Three-Electrode Electrochemical Etching with High Controllability and Reproducibility. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16950-16955.	1.5	40
20	Direct Pathway to Molecular Photodissociation on Metal Surfaces Using Visible Light. <i>Journal of the American Chemical Society</i> , 2017, 139, 3115-3121.	6.6	60
21	Elucidation of Isomerization Pathways of a Single Azobenzene Derivative Using an STM. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4239-4243.	2.1	21
22	Direct output of electrical signals from LSPR sensors on the basis of plasmon-induced charge separation. <i>Chemical Communications</i> , 2015, 51, 6100-6103.	2.2	23
23	In Situ Nanoimaging of Photoinduced Charge Separation at the Plasmonic Au Nanoparticle-TiO ₂ Interface. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400066.	1.9	71
24	Localized surface plasmon resonance sensors based on wavelength-tunable spectral dips. <i>Nanoscale</i> , 2014, 6, 2397-2405.	2.8	99
25	Photoelectrochemical synthesis, optical properties and plasmon-induced charge separation behaviour of gold nanodumbbells on TiO ₂ . <i>Nanoscale</i> , 2014, 6, 14543-14548.	2.8	10
26	Photoelectrochemical Analysis of Allowed and Forbidden Multipole Plasmon Modes of Polydisperse Ag Nanorods. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2435-2441.	1.5	27
27	Photoelectrochemical Responses from Polymer-coated Plasmonic Copper Nanoparticles on TiO ₂ . <i>Chemistry Letters</i> , 2012, 41, 1340-1342.	0.7	46
28	Photoinduced reversible changes in morphology of plasmonic Ag nanorods on TiO ₂ and application to versatile photochromism. <i>Chemical Communications</i> , 2012, 48, 1733-1735.	2.2	63
29	Anisotropic light absorption by localized surface plasmon resonance in a thin film of gold nanoparticles studied by visible multiple-angle incidence resolution spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9691.	1.3	10
30	Nanoimaging of localized plasmon-induced charge separation. <i>Chemical Communications</i> , 2011, 47, 5777.	2.2	94
31	Growth behaviour and plasmon resonance properties of photocatalytically deposited Cu nanoparticles. <i>Nanoscale</i> , 2011, 3, 3641.	2.8	36
32	Bi- and Uniaxially Oriented Growth and Plasmon Resonance Properties of Anisotropic Ag Nanoparticles on Single Crystalline TiO ₂ Surfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4758-4762.	1.5	21
33	Photocatalytic growth and plasmon resonance-assisted photoelectrochemical toppling of upright Ag nanoplates on a nanoparticulate TiO ₂ film. <i>Chemical Communications</i> , 2009, , 3621.	2.2	24