List of Publications by Year in descending order

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HIDEVA KAMASAKI

#	Article	IF	CITATIONS
1	phâ€Dependent Synthesis of Pepsinâ€Mediated Gold Nanoclusters with Blue Green and Red Fluorescent Emission. Advanced Functional Materials, 2011, 21, 3508-3515.	14.9	413
2	Modification of Gold Nanorods Using Phosphatidylcholine to Reduce Cytotoxicity. Langmuir, 2006, 22, 2-5.	3.5	398
3	Generation of Singlet Oxygen by Photoexcited Au ₂₅ (SR) ₁₈ Clusters. Chemistry of Materials, 2014, 26, 2777-2788.	6.7	248
4	Stable Au ₂₅ (SR) ₁₈ /TiO ₂ Composite Nanostructure with Enhanced Visible Light Photocatalytic Activity. Journal of Physical Chemistry Letters, 2013, 4, 2847-2852.	4.6	226
5	Rapid synthesis of gold nanorods by the combination of chemical reduction and photoirradiation processes; morphological changes depending on the growing processes. Chemical Communications, 2003, , 2376-2377.	4.1	220
6	Chemical modification of amino acids by atmospheric-pressure cold plasma in aqueous solution. Journal Physics D: Applied Physics, 2014, 47, 285403.	2.8	209
7	N,N-Dimethylformamide-stabilized gold nanoclusters as a catalyst for the reduction of 4-nitrophenol. Nanoscale, 2012, 4, 4148.	5.6	196
8	Platinum Nanoflowers for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry of Biomolecules. Journal of Physical Chemistry C, 2007, 111, 16278-16283.	3.1	169
9	Surfaceâ€assisted laser desorption/ionization mass spectrometry (SALDIâ€MS) of low molecular weight organic compounds and synthetic polymers using zinc oxide (ZnO) nanoparticles. Journal of Mass Spectrometry, 2008, 43, 1063-1071.	1.6	161
10	Microwave-assisted polyol synthesis of copper nanocrystals without using additional protective agents. Chemical Communications, 2011, 47, 7740.	4.1	154
11	Functionalized Nanoparticles and Nanostructured Surfaces for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Sciences, 2010, 26, 1229-1240.	1.6	140
12	Trypsin-Stabilized Fluorescent Gold Nanocluster for Sensitive and Selective Hg2+ Detection. Analytical Sciences, 2011, 27, 591-596.	1.6	132
13	Surfactant-free solution synthesis of fluorescent platinum subnanoclusters. Chemical Communications, 2010, 46, 3759.	4.1	119
14	Surfactant-free synthesis of palladium nanoclusters for their use in catalytic cross-coupling reactions. Chemical Communications, 2011, 47, 5750.	4.1	109
15	Layer-by-Layer Self-Assembled Mutilayer Films of Gold Nanoparticles for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2008, 80, 7524-7533.	6.5	104
16	Stability of the DMF-Protected Au Nanoclusters: Photochemical, Dispersion, and Thermal Properties. Langmuir, 2010, 26, 5926-5933.	3.5	103
17	Reversible Vesicle Formation by Changing pH. Journal of Physical Chemistry B, 2002, 106, 1524-1527.	2.6	97
18	Detailed Investigation on the Possibility of Nanoparticles of Various Metal Elements for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Sciences, 2009, 25, 339-346.	1.6	97

#	Article	IF	CITATIONS
19	High-Concentration Synthesis of Sub-10-nm Copper Nanoparticles for Application to Conductive Nanoinks. ACS Applied Materials & Interfaces, 2015, 7, 19382-19389.	8.0	96
20	Surfactant-free single-nano-sized colloidal Cu nanoparticles for use as an active catalyst in Ullmann-coupling reaction. Chemical Communications, 2012, 48, 3784.	4.1	94
21	Effect of pH on the Volume Phase Transition of Copolymer Gels ofN-Isopropylacrylamide and Sodium Acrylate. Journal of Physical Chemistry B, 1997, 101, 5089-5093.	2.6	93
22	Evaluation of river pollution of neonicotinoids in Osaka City (Japan) by LC/MS with dopant-assisted photoionisation. Journal of Environmental Monitoring, 2012, 14, 2189.	2.1	90
23	Salt-induced volume phase transition of poly(N-isopropylacrylamide) gel. Journal of Chemical Physics, 2000, 113, 5980-5985.	3.0	87
24	Preparation and use of DMF-stabilized iridium nanoclusters as methylation catalysts using methanol as the C1 source. Chemical Communications, 2017, 53, 1080-1083.	4.1	86
25	Photo/electrocatalysis and photosensitization using metal nanoclusters for green energy and medical applications. Nanoscale Advances, 2020, 2, 17-36.	4.6	79
26	Fabrication of Conductive Copper Films on Flexible Polymer Substrates by Low-Temperature Sintering of Composite Cu Ink in Air. ACS Applied Materials & Interfaces, 2017, 9, 20852-20858.	8.0	72
27	Properties of two-component Langmuir monolayer of single chain perfluorinated carboxylic acids with dipalmitoylphosphatidylcholine (DPPC). Colloids and Surfaces B: Biointerfaces, 2005, 41, 285-298.	5.0	69
28	Influence of the Counterions of Cetyltrimetylammonium Salts on the Surfactant Adsorption onto Gold Surfaces and the Formation of Gold Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 2683-2690.	3.1	65
29	Platinum Nanoflowers on Scratched Silicon by Galvanic Displacement for an Effective SALDI Substrate. Chemistry - A European Journal, 2010, 16, 10832-10843.	3.3	65
30	Effects of Protonation on the Viscoelastic Properties of Tetradecyldimethylamine Oxide Micelles. Journal of Physical Chemistry B, 2001, 105, 5411-5418.	2.6	64
31	Effect of Introduced Electric Charge on the Volume Phase Transition of N-Isopropylacrylamide Gels. Journal of Physical Chemistry B, 1997, 101, 4184-4187.	2.6	62
32	Characterization of silver ions adsorbed on gold nanorods: surface analysis by using surface-assisted laser desorption/ionization time-of-flight mass spectrometry. Chemical Communications, 2009, , 1754.	4.1	62
33	Saccharide-Induced Volume Phase Transition of Poly(N-isopropylacrylamide) Gels. The Journal of Physical Chemistry, 1996, 100, 16282-16284.	2.9	56
34	Functionalized Graphene-Coated Cobalt Nanoparticles for Highly Efficient Surface-Assisted Laser Desorption/Ionization Mass Spectrometry Analysis. Analytical Chemistry, 2012, 84, 9268-9275.	6.5	56
35	Mass Spectrometric Analysis for High Molecular Weight Synthetic Polymers Using Ultrasonic Degradation and the Mechanism of Degradation. Analytical Chemistry, 2007, 79, 4182-4187.	6.5	55
36	Surface and Interface Designs in Copper-Based Conductive Inks for Printed/Flexible Electronics. Nanomaterials, 2020, 10, 1689.	4.1	54

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37	Photochemical synthesis of glycine-stabilized gold nanoparticles and its heavy-metal-induced aggregation behavior. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 367, 167-173.	4.7	50
38	Scattering from Polymerlike Micelles of TDAO in Salt/Water Solutions at Semidilute Concentrations. Langmuir, 2000, 16, 6431-6437.	3.5	48
39	Desorption/Ionization Efficiency of Common Amino Acids in Surface-Assisted Laser Desorption/Ionization Mass Spectrometry (SALDI-MS) with Nanostructured Platinum. Journal of Physical Chemistry C, 2013, 117, 238-245.	3.1	46
40	Volume Phase Transition Behavior ofN-Isopropylacrylamide Gels as a Function of the Chemical Potential of Water Molecules. Macromolecules, 1997, 30, 1847-1848.	4.8	44
41	FT-IR Study on Hydrogen Bonds between the Headgroups of Dodecyldimethylamine Oxide Hemihydrochloride. Langmuir, 2001, 17, 2278-2281.	3.5	44
42	Platinum vapor deposition surfaceâ€assisted laser desorption/ionization for imaging mass spectrometry of small molecules. Rapid Communications in Mass Spectrometry, 2012, 26, 1849-1858.	1.5	44
43	Mode of Interaction of Amphiphilic α-Helical Peptide with Phosphatidylcholines at the Airâ^'Water Interface. Langmuir, 2006, 22, 1182-1192.	3.5	42
44	Synthesis of binary solid solution Cu–Pd nanoparticles by DMF reduction for enhanced photoluminescence properties. Journal of Materials Chemistry C, 2015, 3, 514-520.	5.5	42
45	Aggregation/Self-Assembly-Induced Approach for Efficient AuAg Bimetallic Nanocluster-Based Photosensitizers. Journal of Physical Chemistry C, 2018, 122, 12494-12501.	3.1	41
46	Surfactant-free solution-based synthesis of metallic nanoparticles toward efficient use of the nanoparticles' surfaces and their application in catalysis and chemo-/biosensing. Nanotechnology Reviews, 2013, 2, 5-25.	5.8	40
47	Reassessment of Free-Radical Polymerization Mechanism of Allyl Acetate Based on End-Group Determination of Resulting Oligomers by MALDI-TOF-MS Spectrometry. Polymer Journal, 2009, 41, 26-33.	2.7	39
48	Vesicleâ~Micelle Transition and the Stability of the Vesicle Dispersion in Mixtures of Tetradecyldimethylamine Oxide Hemihydrochloride and Sodium Naphthalenesulfonate. Journal of Physical Chemistry B, 2003, 107, 8661-8668.	2.6	38
49	Synthesis of Nanoholeâ€Structured Singleâ€Crystalline Platinum Nanosheets Using Surfactantâ€Liquidâ€Crystals and their Electrochemical Characterization. Advanced Functional Materials, 2009, 19, 545-553.	14.9	38
50	Solution Synthesis of <i>N</i> , <i>N</i> â€Dimethylformamideâ€Stabilized Ironâ€Oxide Nanoparticles as an Efficient and Recyclable Catalyst for Alkene Hydrosilylation. ChemCatChem, 2018, 10, 2378-2382.	3.7	37
51	Effects of micelle-to-vesicle transitions on the degree of counterion binding. Journal of Colloid and Interface Science, 2005, 287, 685-693.	9.4	36
52	Sulfonate group-modified FePtCu nanoparticles as a selective probe for LDI-MS analysis of oligopeptides from a peptide mixture and human serum proteins. Analytical and Bioanalytical Chemistry, 2009, 395, 1423-1431.	3.7	34
53	Effect of the Introduced Charge on the Thermal Behavior ofN-Isopropylacrylamide Gels in Water and NaCl Solutions. Langmuir, 2000, 16, 3195-3199.	3.5	33
54	Effects of the Gel Size on the Volume Phase Transition of Poly(N-isopropylacrylamide) Gels: A Calorimetric Study. Langmuir, 1998, 14, 773-776.	3.5	32

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55	Human Serum Albumin-modified Fe3O4 Magnetic Nanoparticles for Affinity-SALDI-MS of Small-Molecule Drugs in Biological Liquids. Analytical Sciences, 2012, 28, 893-900.	1.6	32
56	Bovine serum albumin-capped gold nanoclusters conjugating with methylene blue for efficient 1O2 generation via energy transfer. Journal of Colloid and Interface Science, 2018, 510, 221-227.	9.4	32
57	Reversible Micelleâ^'Vesicle Conversion of Oleyldimethylamine Oxide by pH Changes. Journal of Physical Chemistry B, 2006, 110, 12451-12458.	2.6	31
58	Synthesis of Nanogroove-Network-StructuredÂPlatinum Nanosheets and Their Carbon-Supported Forms Using a Mixed-Surfactant Templating Approach. Advanced Materials, 2007, 19, 237-241.	21.0	31
59	Label-free detection of C-reactive protein using highly dispersible gold nanoparticles synthesized by reducible biomimetic block copolymers. Chemical Communications, 2014, 50, 5656-5658.	4.1	31
60	Single-Crystalline Platinum Nanosheets from Nonionic Surfactant 2-D Self-Assemblies at Solid/Aqueous Solution Interfaces. Langmuir, 2005, 21, 11468-11473.	3.5	29
61	Gold-Nanoparticle-Supported Silicon Plate with Polymer Micelles for Surface-Assisted Laser Desorption/Ionization Mass Spectrometry of Peptides. Journal of Nanoscience and Nanotechnology, 2009, 9, 159-164.	0.9	29
62	Effectiveness of platinum particle deposition on silicon surfaces for surface-assisted laser desorption/ionization mass spectrometry of peptides. International Journal of Mass Spectrometry, 2010, 291, 145-151.	1.5	28
63	Gold-Decorated Titania Nanotube Arrays as Dual-Functional Platform for Surface-Enhanced Raman Spectroscopy and Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. ACS Applied Materials & Interfaces, 2014, 6, 8387-8395.	8.0	28
64	Antimicrobial Silver Nanoclusters Bearing Biocompatible Phosphorylcholine-Based Zwitterionic Protection. Bioconjugate Chemistry, 2016, 27, 2527-2533.	3.6	28
65	Thiolate-protected Gold Nanoclusters Au ₂₅ (phenylethanethiol) ₁₈ : An Efficient Catalyst for the Synthesis of Propargylamines from Aldehydes, Amines, and Alkynes. Chemistry Letters, 2016, 45, 1457-1459.	1.3	28
66	Antimicrobial photodynamic activity and cytocompatibility of Au ₂₅ (Capt) ₁₈ clusters photoexcited by blue LED light irradiation. International Journal of Nanomedicine, 2017, Volume 12, 2703-2716.	6.7	28
67	A nanocomposite of N-doped carbon dots with gold nanoparticles for visible light active photosensitisers. Photochemical and Photobiological Sciences, 2019, 18, 1235-1241.	2.9	27
68	Multiple volume phase transition of nonionic thermosensitive gel. Journal of Chemical Physics, 1995, 103, 6241-6247.	3.0	26
69	Specific Polymerization Mechanism Involving β-Scission of Mid-Chain Radical Yielding Oligomers in the Free-Radical Polymerization of Vinyl Ethers. Macromolecules, 2008, 41, 7347-7351.	4.8	26
70	Ultrasonic Activation of Water-Soluble Au ₂₅ (SR) ₁₈ Nanoclusters for Singlet Oxygen Production. Journal of Physical Chemistry C, 2019, 123, 26644-26652.	3.1	26
71	Functionalized pyrolytic highly oriented graphite polymer film for surfaceâ€assisted laser desorption/ionization mass spectrometry in environmental analysis. Rapid Communications in Mass Spectrometry, 2009, 23, 3323-3332.	1.5	25
72	High molecular weight organic compounds (HMW-OCs) in severe winter haze: Direct observation and insights on the formation mechanism. Environmental Pollution, 2016, 218, 289-296.	7.5	25

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73	Optical Properties of 2-Methacryloyloxyethyl Phosphorylcholine-Protected Au ₄ Nanoclusters and Their Fluorescence Sensing of C-Reactive Protein. Journal of Physical Chemistry C, 2015, 119, 14319-14325.	3.1	24
74	Investigation of the Stability of Graphite Particle Dispersion and the Hemimicelle Formation Process at Graphite/Solution Interfaces Using Atomic Force Microscopy. Journal of Physical Chemistry B, 2004, 108, 16746-16752.	2.6	23
75	Desorption/ionization on porous silicon mass spectrometry (DIOS-MS) of perfluorooctane sulfonate (PFOS). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 347, 220-224.	4.7	22
76	Use of thermally annealed multilayer gold nanoparticle films in combination analysis of localized surface plasmon resonance sensing and MALDI mass spectrometry. Analyst, The, 2011, 136, 1167.	3.5	22
77	Laboratory scale production of 13C labeled chitosan by fungi Absidia coerulea and Gongronella butleri grown in solid substrate and submerged fermentation. Carbohydrate Polymers, 2011, 84, 743-750.	10.2	22
78	Silver nanoparticle functionalized glass fibers for combined surface-enhanced Raman scattering spectroscopy (SERS)/surface-assisted laser desorption/ionization (SALDI) mass spectrometry via plasmonic/thermal hot spots. Analyst, The, 2016, 141, 5835-5841.	3.5	22
79	Photodynamic inactivation of oral bacteria with silver nanoclusters/rose bengal nanocomposite. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101647.	2.6	22
80	Partition of Salts betweenN-Isopropylacrylamide Gels and Aqueous Solutions. Langmuir, 2000, 16, 1444-1446.	3.5	21
81	Effect of urea surface modification and photocatalytic cleaning on surfaceâ€assisted laser desorption ionization mass spectrometry with amorphous TiO ₂ nanoparticles. Journal of Mass Spectrometry, 2009, 44, 1443-1451.	1.6	20
82	Characterization of polyether mixtures using thin-layer chromatography and matrix-assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 787-791.	1.5	19
83	Analysis of Chlorothalonil by Liquid Chromatography/Mass Spectrometry Using Negative-ion Atmospheric Pressure Photoionization. Analytical Sciences, 2009, 25, 693-697.	1.6	19
84	Use of high-resolution mass spectrometry to identify precursors and biodegradation products of perfluorinated and polyfluorinated compounds in end-user products. Analytical and Bioanalytical Chemistry, 2014, 406, 4745-4755.	3.7	19
85	Simultaneous detection of phosphatidylcholines and glycerolipids using matrixâ€enhanced surfaceâ€assisted laser desorption/ionizationâ€mass spectrometry with sputterâ€deposited platinum film. Journal of Mass Spectrometry, 2015, 50, 1264-1269.	1.6	19
86	Effects of ligand species and cluster size of biomolecule-protected Au nanoclusters on eff iciency of singlet-oxygen generation. Journal of Luminescence, 2016, 180, 315-320.	3.1	19
87	Synthesis and Characterization of <i>N</i> , <i>N</i> -Dimethylformamide-Protected Palladium Nanoparticles and Their Use in the Suzuki–Miyaura Cross-Coupling Reaction. ACS Omega, 2020, 5, 9598-9604.	3.5	19
88	Antibacterial and Antibiofilm Photodynamic Activities of Lysozyme-Au Nanoclusters/Rose Bengal Conjugates. ACS Omega, 2021, 6, 9279-9290.	3.5	19
89	Highly Conductive, Flexible, and Oxidation-Resistant Cu-Ni Electrodes Produced from Hybrid Inks at Low Temperatures. ACS Applied Materials & Interfaces, 2021, 13, 20906-20915.	8.0	19
90	Mode of interaction of ganglioside Langmuir monolayer originated from echinoderms: Three binary systems of ganglioside/DPPC, ganglioside/DMPE, and ganglioside/cholesterol. Colloids and Surfaces B: Biointerfaces, 2006, 52, 57-75.	5.0	18

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91	A new matrix of MALDI-TOF MS for the analysis of thiolate-protected gold clusters. Analytical Methods, 2012, 4, 3600.	2.7	18
92	Mode of interaction of two fluorinated-hydrogenated hybrid amphiphiles with dipalmitoylphosphatidylcholine (DPPC) at the air–water interface. Colloids and Surfaces B: Biointerfaces, 2006, 53, 37-50.	5.0	17
93	Quantitative determination of cyclic polylactic acid oligomers in serum by direct injection liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 870, 247-250.	2.3	17
94	Low-temperature sintering of metallacyclic stabilized copper nanoparticles and adhesion enhancement of conductive copper film to a polyimide substrate. Journal of Materials Science: Materials in Electronics, 2016, 27, 7540-7547.	2.2	17
95	Cu-based composite inks of a self-reductive Cu complex with Cu flakes for the production of conductive Cu films on cellulose paper. Materials Chemistry and Physics, 2017, 197, 87-93.	4.0	17
96	Effective removal of surface-bound cetyltrimethylammonium ions from thiol-monolayer-protected Au nanorods by treatment with dimethyl sulfoxide/citric acid. RSC Advances, 2017, 7, 18041-18045.	3.6	17
97	Antibacterial Photocurable Acrylic Resin Coating Using a Conjugate between Silver Nanoclusters and Alkyl Quaternary Ammonium. ACS Applied Nano Materials, 2018, 1, 4809-4818.	5.0	17
98	Label-Free Specific Detection and Collection of C-Reactive Protein Using Zwitterionic Phosphorylcholine-Polymer-Protected Magnetic Nanoparticles. Langmuir, 2019, 35, 1749-1755.	3.5	17
99	Effects of Protonation on the Aggregate Structures of Tetradecyldimethylamine Oxide at Solidâ^'Solution Interfaces. Langmuir, 2001, 17, 8210-8216.	3.5	16
100	Determination of primary bond scissions by mass spectrometric analysis of ultrasonic degradation products of poly(ethylene oxideâ€ <i>block</i> â€propylene oxide) copolymers. Journal of Mass Spectrometry, 2010, 45, 799-805.	1.6	16
101	Fabrication of Submillimeter-sized Gold Plates from Thermal Decomposition of HAuCl4 in Two-component Ionic Liquids. Chemistry Letters, 2007, 36, 1038-1039.	1.3	15
102	Direct Imaging Mass Spectrometry of Plant Leaves Using Surface-assisted Laser Desorption/Ionization with Sputter-deposited Platinum Film. Analytical Sciences, 2016, 32, 587-591.	1.6	15
103	Effects of Hydrophobic Counterions on the Phase Behavior of Tetradecyldimethylhydroxylammonium Chloride in Aqueous Solutions. Langmuir, 2002, 18, 8358-8363.	3.5	14
104	Effects of l-arginine on aggregates of fatty-acid/potassium soap in the aqueous media. Colloid and Polymer Science, 2006, 284, 520-528.	2.1	14
105	Application of On-line Electrochemistry/Electrospray/Tandem Mass Spectrometry to a Quantification Method for the Antipsychotic Drug Zotepine in Human Serum. Analytical Sciences, 2009, 25, 1197-1201.	1.6	14
106	Efficient fabrication of substrates for surface-assisted laser desorption/ionization mass spectrometry using laser ablation in liquids. Applied Surface Science, 2011, 257, 2046-2050.	6.1	14
107	A liquid metal catalyst for the conversion of ethanol into graphitic carbon layers under an ultrasonic cavitation field. Chemical Communications, 2022, 58, 7741-7744.	4.1	14
108	Surface tension of the polymer network of a gel. Physical Review E, 1996, 54, 1663-1668.	2.1	13

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109	Micelle–vesicle transition of oleyldimethylamine oxide in water. Colloids and Surfaces B: Biointerfaces, 2004, 38, 131-138.	5.0	13
110	Elimination Technique for Alkali Metal Ion Adducts from an Electrospray Ionization Process Using an On-line Ion Suppressor. Analytical Sciences, 2010, 26, 715-718.	1.6	13
111	Origin of the fluorescence in silica-based nanoparticles synthesized from aminosilane coupling agents. Journal of Luminescence, 2021, 232, 117849.	3.1	13
112	Effect of Donnan Osmotic Pressure on the Volume Phase Transition ofN-Isopropylacrylamide Gelsâ€. Langmuir, 1999, 15, 4266-4269.	3.5	12
113	Solid state phase behaviors of dodecyldimethylamine oxide: protonation and counterion effects. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 169, 117-124.	4.7	12
114	One-dimensional assemblies of platinum nanoparticles on a graphite surface using nonionic/ionized mixed hemicylindrical micelle templates. Journal of Colloid and Interface Science, 2006, 300, 149-154.	9.4	12
115	Simultaneous LC/MS Analysis of Hexachlorobenzene and Pentachlorophenol by Atmospheric Pressure Chemical Ionization (APCI) and Photoionization (APPI) Methods. Analytical Sciences, 2009, 25, 1373-1376.	1.6	11
116	Photoluminescence from Excited Energy Bands in Au\$_{25}\$ Nanoclusters. Applied Physics Express, 2011, 4, 095001.	2.4	11
117	Contribution of Ligand Oxidation Products to High Durability of Copper Films Prepared from Lowâ€Sinteringâ€Temperature Copper Ink on Polymer Substrates. Advanced Engineering Materials, 2017, 19, 1700259.	3.5	11
118	Formate-Free Metal-Organic Decomposition Inks of Copper Particles and Self-Reductive Copper Complex for the Fabrication of Conductive Copper Films. Journal of Coating Science and Technology, 2016, 3, 56-61.	0.3	11
119	Charge-Induced Unilamellar Vesicle Formation and Phase Separation in Solutions of Di-n-Decylmethylamine Oxide. Journal of Physical Chemistry B, 2006, 110, 10177-10185.	2.6	10
120	Detection of the Heterochirality of a 1:2 Metal/Ph-pybox Complex Ion by ESIMS. Chemistry Letters, 2010, 39, 564-566.	1.3	10
121	Influence of Crystalline Forms of Titania on Desorption/Ionization Efficiency in Titania-Based Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. Journal of the Mass Spectrometry Society of Japan, 2010, 58, 221-228.	0.1	10
122	Reduced Sampling Size with Nanopipette for Tapping-Mode Scanning Probe Electrospray Ionization Mass Spectrometry Imaging. Mass Spectrometry, 2016, 5, S0054-S0054.	0.6	10
123	Thiolated-2-methacryloyloxyethyl phosphorylcholine protected silver nanoparticles as novel photo-induced cell-killing agents. Colloids and Surfaces B: Biointerfaces, 2016, 140, 128-134.	5.0	10
124	Quantum Dot-based Fluorescent Sensing. Analytical Sciences, 2017, 33, 987-988.	1.6	10
125	Mass spectrometric detection of enantioselectivity in three-component complexation, copper(<scp>ii</scp>)-chiral tetradentate ligand-free amino acid in solution. Chemical Communications, 2020, 56, 54-57.	4.1	10
126	Selective photocatalytic degradation of poly(ethylene glycol) additives using TiO ₂ surfaceâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 3886-3890.	1.5	9

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127	Suitability of GaP nanoparticles as a surface-assisted laser desorption/ionization mass spectroscopy inorganic matrix and their soft ionization ability. Analyst, The, 2013, 138, 995.	3.5	9
128	Mild synthesis of single-nanosized plasmonic copper nanoparticles and their catalytic reduction of methylene blue. Colloids and Interface Science Communications, 2019, 31, 100187.	4.1	9
129	Effects of alkyl chain length on the solid state phase behaviors of alkyldimethylamine oxide hydrochlorides and hemihydrochlorides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 475-485.	4.7	8
130	Protonation-Induced Structural Change of Lyotropic Liquid Crystals in Oley- and Alkyldimethylamine Oxides/Water Systems. Langmuir, 2005, 21, 5731-5737.	3.5	8
131	Self-Organization of Surfactantâ`'Metal-Ion Complex Nanofibers on Graphite Surfaces and Their Application to Fibrously Concentrated Platinum Nanoparticle Formation. Langmuir, 2007, 23, 11540-11545.	3.5	8
132	MALDI-MS Analysis of Ultrasonic Degradations of Uniform PMMA. Polymer Journal, 2008, 40, 682-683.	2.7	8
133	Laser Desorption/Ionization Mass Spectrometry (LDI-MS) of Lipids with Iron Oxide Nanoparticle-Coated Targets. Mass Spectrometry, 2014, 3, A0026-A0026.	0.6	8
134	UV photo-mediated size-focusing synthesis of silver nanoclusters. RSC Advances, 2016, 6, 73600-73604.	3.6	8
135	One-step synthesis of M13 phage-based nanoparticles and their fluorescence properties. RSC Advances, 2021, 11, 1367-1375.	3.6	8
136	Controlled aggregation of methylene blue in silica–methylene blue nanocomposite for enhanced 1O2 generation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 617, 126360.	4.7	8
137	TiO2-supported Au144 nanoclusters for enhanced sonocatalytic performance. Journal of Chemical Physics, 2021, 155, 124702.	3.0	8
138	Acid soap formation of oleic acid and catanionic complex formation in the alkyldimethylamine oxide/sodium oleate equimolar mixtures. Colloid and Polymer Science, 2004, 282, 468-475.	2.1	7
139	Vesicle formation in oleyldimethylamine oxide/sodium oleate mixtures. Colloid and Polymer Science, 2004, 282, 1140-1145.	2.1	7
140	Structures and dynamics of dodecyldimethylamine oxide intercalated into RUB-18. Journal of Physics and Chemistry of Solids, 2004, 65, 425-427.	4.0	7
141	Effects of ammonium salts and anionic amphiphiles on the photochemical formation of gold nanorods. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 161-164.	4.7	7
142	Reversible pH-induced transformation of micellar aggregates between hemicylinders and laterally homogeneous layers at graphite-solution interfaces. Colloid and Polymer Science, 2005, 283, 359-366.	2.1	7
143	Quantitative Analysis of an Antioxidant Additive in Insoluble Plastics by Surface-Assisted Laser Desorption/Ionization Mass Spectrometry (SALDI-MS) Using TiO2 Nanoparticles. Journal of the Mass Spectrometry Society of Japan, 2010, 58, 123-127.	0.1	7
144	A Bilayer Formed by Soluble Amphiphiles with Single Chain at the Mica–Solution Interface. Chemistry Letters, 2000, 29, 972-973.	1.3	6

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#	Article	IF	CITATIONS
145	Semiâ€online nanoflow liquid chromatography/matrixâ€assisted laser desorption ionization mass spectrometry of synthetic polymers using an octadecylsilylâ€modified monolithic silica capillary column. Rapid Communications in Mass Spectrometry, 2010, 24, 1835-1841.	1.5	6
146	Microwave-assisted Synthesis of Near-infrared-luminescent Ovalbumin-protected Cold Nanoparticles as a Luminescent Glucose Sensor. Chemistry Letters, 2014, 43, 793-795.	1.3	6
147	Filtration-induced production of conductive/robust Cu films on cellulose paper by low-temperature sintering in air. Royal Society Open Science, 2018, 5, 172417.	2.4	6
148	Conductive leaf vein networks produced via Ag nanoparticle self-assembly for potential applications of flexible sensor. Materials Letters, 2021, 284, 128937.	2.6	6
149	One-pot analysis of enantiomeric excess of free amino acids by electrospray ionization mass spectrometry. RSC Advances, 2021, 11, 36237-36241.	3.6	6
150	Effects of Protonation of Alkyldimethylamine Oxides on the Dissolution Temperature in Aqueous Media. Journal of Colloid and Interface Science, 2002, 252, 419-425.	9.4	5
151	Direct observation of dynamic shape transformation and coalescence in platinum nanosheets on graphite surface at room temperature by time-resolved AFM. Applied Surface Science, 2006, 253, 1512-1516.	6.1	5
152	Halohydrination of epoxy resins using sodium halides as cationizing agents in MALDIâ€MS and DIOSâ€MS. Journal of Mass Spectrometry, 2008, 43, 1664-1672.	1.6	5
153	Electrospray ionization mass spectrometric observation of ligand exchange of zinc pyrithione with amino acids. Rapid Communications in Mass Spectrometry, 2009, 23, 2161-2166.	1.5	5
154	Roles of the C-terminal residues of calmodulin in structure and function. Biophysics (Nagoya-shi,) Tj ETQq0 0 0 r	gBT /Over 0.4	lock 10 Tf 50
155	Two-dimensional Mapping Using Different Chromatographic Separations Coupled with Mass Spectrometry for the Analysis of Ginsenosides in Panax Ginseng Root and Callus. Analytical Sciences, 2013, 29, 429-434.	1.6	5
156	Photoluminescent Ozone Sensor with Enhanced Sensitivity by Using CdSe/ZnS Quantum Dots Modified with Gold and Platinum. Analytical Sciences, 2020, 36, 989-995.	1.6	5
157	Hansen Solubility Parameter Analysis on Dispersion of Oleylamine-Capped Silver Nanoinks and their Sintered Film Morphology. Nanomaterials, 2022, 12, 2004.	4.1	5
158	Temperature-induced sedimentation to dispersion of ionic vesicles. Journal of Colloid and Interface Science, 2005, 284, 349-353.	9.4	4
159	Desorption/Ionization Efficiency of Peptides Containing Disulfide Bonds in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Sciences, 2012, 28, 295-299.	1.6	4
160	Enhanced flexibility and environmental durability of copper electrode produced with conductive ink containing silane coupling agents with diamine and ether spacer. Journal of Materials Science: Materials in Electronics, 2019, 30, 12130-12139.	2.2	4
161	Enantioselectivity-Evaluation of Chiral Copper(II) Complexes Coordinated by Novel Chiral Tetradentate Ligands for Free Amino Acids by Mass Spectrometry Coupled With the Isotopically Labeled Enantiomer Method. Frontiers in Chemistry, 2020, 8, 598598.	3.6	4
162	The effect of the heterogeneity of N -isopropylacrylamide- co -styrene sulfonate gel on the binding behavior of an ionic surfactant with the gel. Colloid and Polymer Science, 2002, 280, 710-715.	2.1	3

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#	Article	IF	CITATIONS
163	Hydrogen ion titration of oleic acid in aqueous media: further examinations on sodium and potassium oleate systems. Colloid and Polymer Science, 2003, 281, 220-228.	2.1	3
164	Complex formation in alkyldimethylamine oxide/sodium palmitate/water mixtures. Journal of Colloid and Interface Science, 2005, 283, 238-244.	9.4	3
165	Ionization efficiency of αâ€helical peptides in laser desorption/ionization mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 1119-1123.	1.6	3
166	Mass Spectrometric Approach Delineating Degradation Mechanism of Synthethic Polymers by Benzoylferrocene. Chemistry Letters, 2010, 39, 66-67.	1.3	3
167	A Thiophene-Containing Compound as a Matrix for Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry and the Electrical Conductivity of Matrix Crystals. European Journal of Mass Spectrometry, 2013, 19, 29-37.	1.0	3
168	Application of Tapping-Mode Scanning Probe Electrospray Ionization to Mass Spectrometry Imaging of Additives in Polymer Films. Mass Spectrometry, 2015, 3, S0050-S0050.	0.6	3
169	A Simple Method of Interpretating the Effects of Electric Charges on the Volume Phase Transition of Thermosensitive Gels. Gels, 2018, 4, 24.	4.5	3
170	Reversible sensing of nitrogen dioxide using photoluminescent CdSe/ZnS quantum dots and enhanced response by combination with noble metals. Journal of the Ceramic Society of Japan, 2022, 130, 180-186.	1.1	3
171	Deracemization of 1-phenylethanols in a one-pot process combining Mn-driven oxidation with enzymatic reduction utilizing a compartmentalization technique. RSC Advances, 2022, 12, 10619-10624.	3.6	3
172	Effects of the Gel Size on the Thermal Behavior ofN-isopropylacrylamide Gels in Relation to the Volume Phase Transition. Chemistry Letters, 1997, 26, 723-724.	1.3	2
173	One-pot Preparation of Water-soluble Blue Luminescent Silica Flakes via Microwave Heating. Chemistry Letters, 2010, 39, 370-371.	1.3	2
174	Mass Spectrometric Analysis of Synthetic Polymers Using Ultrasonic Degradation. Bunseki Kagaku, 2011, 60, 199-214.	0.2	2
175	Polymer Analysis Utilizing Psuedo 2D Liquid Chromatogram Integrated with LC-ESI-MS Data Using Two Different Columns. Bunseki Kagaku, 2011, 60, 245-251.	0.2	2
176	Protein-modified silver nanoplates for the complementary analytical method of localised surface plasmon resonance and matrix assisted laser desorption/ionisation mass spectrometry. Analytical Methods, 2013, 5, 5031.	2.7	2
177	Surfactant Free-solution Synthesis of Copper Nanoparticles for Low Temperature Sintering and Conductive Paste. Journal of the Adhesion Society of Japan, 2013, 49, 171-176.	0.0	2
178	Laser Desorption/Ionization Mass Spectrometry Using Functionalized Metal Nanoparticles. Journal of the Mass Spectrometry Society of Japan, 2013, 61, 1-11.	0.1	2
179	Sensitive Detection of Aromatic Hydrophobic Compounds in Water and Perfluorooctane Sulfonate in Human Serum by Surface-Assisted Laser Desorption/Ionization Mass Spectrometry (SALDI-MS) with Amine Functionalized Graphene-Coated Cobalt Nanoparticles. Mass Spectrometry, 2014, 3, A0028-A0028.	0.6	2
180	Electrophoretic mobility of the polymer-like micelles of tetradecyldimethylamine oxide hemihydrochloride. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 250, 479-483.	4.7	1

#	Article	IF	CITATIONS
181	Effect of electron irradiation on nanogroove-networked single-crystalline and dendritic polycrystalline platinum nanosheets prepared from lyotropic surfactant liquid-crystal templates. Materials Research Bulletin, 2008, 43, 1282-1290.	5.2	1
182	Structure Analysis of Insoluble Organic Pigments by Mass Spectrometry with Various Ionization Methods. Bunseki Kagaku, 2008, 57, 265-271.	0.2	1
183	Carbon-Supported Growth of Cross-Linked Platinum Nanowires by Surfactant Templating and Their Elecrochemical Characterization. Journal of Nanoscience and Nanotechnology, 2010, 10, 5790-5795.	0.9	1
184	Precise Synthesis of End-Functionalized Poly(vinyl chloride) with Butyllithium. Macromolecules, 2011, 44, 1808-1813.	4.8	1
185	Mass Spectrometry of Femto-Second Laser Photodegradation Products of Synthetic Polymers. Bunseki Kagaku, 2011, 60, 253-260.	0.2	1
186	Correlations between Chemical Compositions and Retention Times of Methacrylate Random Copolymers Using LC-ESI-MS. Mass Spectrometry, 2012, 1, A0012-A0012.	0.6	1
187	Single nanosized FeO nanocrystals with photoluminescence properties. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	1
188	Characterization of Chemical Species in Lanthanide(III)-Alizarin Complexone (ALC)-Fluoride Solution Using ESI-MS. Bunseki Kagaku, 2016, 65, 39-43.	0.2	1
189	Standard Definitions of Terms Relating to Mass Spectrometry (additional edition). Journal of the Mass Spectrometry Society of Japan, 2017, 65, 76-90.	0.1	1
190	Tungsten (VI) oxide and titanium dioxide doping with gold nanocluster (Au NCs) for photocatalytic enhancement in methylene blue photodegradation. AIP Conference Proceedings, 2020, , .	0.4	1
191	Kinetic effect on the thermal behavior in the volume phase transition of poly (N-isopropylacrylamide) gels. , 1999, , .		0
192	Analysis of Contaminants Eluted from Vials, Septa and Syringe Filters in High-Performance Liquid Chromatography/Mass Spectrometry. Bunseki Kagaku, 2009, 58, 95-100.	0.2	0
193	Development of precise tuning method of inter-dot spacing and resonant energy transfer between Au clusters. Proceedings of SPIE, 2011, , .	0.8	0
194	Enhanced photocatalytic activity of WO3 nanoparticles loaded with carbon. AIP Conference Proceedings, 2018, , .	0.4	0
195	Nanocomposite of nanocellulose with metal nanoparticles for printable and flexible electronics. , 2021, , 215-236.		0
196	Preparation of Substrates for Surface Assisted Laser Desorptionionization (SALDI) Using Laser Ablation in Liquids. The Review of Laser Engineering, 2012, 40, 111.	0.0	0
197	Sensing of Ozone Gas by Using CdSe-Based Photoluminescent Quantum Dots and Effects of Combining Noble Metals and Quantum Dots. Journal of the Japan Society of Colour Material, 2019, 92, 362-368.	0.1	0