

Chen Yu-chie

List of Publications by Year in descending order

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142
papers

6,532
citations

66343

42
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71685

76
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160
all docs

160
docs citations

160
times ranked

6411
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of <i>Escherichia coli</i> by Combining an Affinity-Based Method with Contactless Atmospheric Pressure Ionization Mass Spectrometry. <i>Separations</i> , 2022, 9, 13.	2.4	2
2	Direct Mass Spectrometric Analysis of Semivolatiles Derived from Real Samples at Atmospheric Pressure. <i>ACS Omega</i> , 2022, 7, 10255-10261.	3.5	2
3	Using an insulating fiber as the sampling probe and ionization substrate for ambient ionization mass spectrometric analysis of volatile, semi-volatile, and polar analytes. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4633-4643.	3.7	4
4	Magnetic Graphene Oxide-Based Affinity Surface-Assisted Laser Desorption/Ionization Mass Spectrometry for Screening of Aflatoxin B1 from Complex Samples. <i>Analytical Chemistry</i> , 2021, 93, 7310-7316.	6.5	14
5	A Tapered Capillary-Based Contactless Atmospheric Pressure Ionization Mass Spectrometry for On-Line Preconcentration and Separation of Small Organics. <i>Separations</i> , 2021, 8, 111.	2.4	4
6	Functional magnetic nanoparticle-based affinity probe for MALDI mass spectrometric detection of ricin B. <i>Mikrochimica Acta</i> , 2021, 188, 339.	5.0	4
7	Rapid Detection of Pathogenic Bacteria by the Naked Eye. <i>Biosensors</i> , 2021, 11, 317.	4.7	4
8	Ionization of Volatile Organics and Nonvolatile Biomolecules Directly from a Titanium Slab for Mass Spectrometric Analysis. <i>Molecules</i> , 2021, 26, 6760.	3.8	3
9	Glycosylated protein-functionalized gold nanoparticle-based detection of heat-labile enterotoxin from complex samples. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128640.	7.8	3
10	Reactive carbon fiber ionization-mass spectrometry for characterization of unsaturated hydrocarbons from plant aroma. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5489-5497.	3.7	8
11	Using gadolinium ions as affinity probes to selectively enrich and magnetically isolate bacteria from complex samples. <i>Analytica Chimica Acta</i> , 2020, 1113, 18-25.	5.4	10
12	Tail Fiber Protein-Immobilized Magnetic Nanoparticle-Based Affinity Approaches for Detection of <i>Acinetobacter baumannii</i> . <i>Analytical Chemistry</i> , 2019, 91, 10335-10342.	6.5	27
13	Riboflavin immobilized Fe ₃ O ₄ magnetic nanoparticles carried with <i>n</i> -butylideneephthalide as targeting-based anticancer agents. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 210-220.	2.8	22
14	Detection of pesticide residues on intact tomatoes by carbon fiber ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1095-1105.	3.7	13
15	Functional Gold Nanoparticles as Sensing Probes for Concanavalin A and as Imaging Agents for Cancer Cells. <i>ACS Applied Nano Materials</i> , 2019, 2, 3348-3357.	5.0	14
16	Gold nanocluster-based fluorescence sensing probes for detection of dipicolinic acid. <i>Analyst</i> , The, 2019, 144, 3289-3296.	3.5	14
17	Using lactosylated cysteine functionalized gold nanoparticles as colorimetric sensing probes for rapid detection of the Ricin B chain. <i>Mikrochimica Acta</i> , 2019, 186, 847.	5.0	4
18	Ultrasonication-assisted spray ionization-based microreactors for online monitoring of fast chemical reactions by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 26-34.	1.6	7

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19	Carbon fiber ionization mass spectrometry coupled with solid phase microextraction for analysis of Benzo[a]pyrene. <i>Analytica Chimica Acta</i> , 2019, 1049, 133-140.	5.4	15
20	Selective extraction of n-butylidenephthalide from <i>Angelica sinensis</i> (Danggui) by using functionalized iron oxide magnetic nanoparticles as trapping probes. <i>Analytical Methods</i> , 2018, 10, 1593-1601.	2.7	3
21	Inhibition of the lethality of Shiga-like toxin-1 by functional gold nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 841-851.	2.8	1
22	Gold nanoparticle-based colorimetric sensing of dipicolinic acid from complex samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1805-1815.	3.7	19
23	Functionalized gold nanoparticles as affinity nanoprobe for multiple lectins. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 60-68.	5.0	14
24	Antibacterial gold nanoparticle-based photothermal killing of vancomycin-resistant bacteria. <i>Nanomedicine</i> , 2018, 13, 1405-1416.	3.3	50
25	Using Magnetic Ions to Probe and Induce Magnetism of Pyrophosphates, Bacteria, and Mammalian Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30837-30843.	8.0	4
26	Bright carbon dots as fluorescence sensing agents for bacteria and curcumin. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 341-349.	9.4	92
27	Selective Detection of Shiga-like Toxin 1 from Complex Samples Using Pigeon Ovalbumin Functionalized Gold Nanoparticles as Affinity Probes. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4359-4365.	5.2	9
28	Analysis of volatile compounds by open-air ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 966, 41-46.	5.4	6
29	Using Dextran-encapsulated gold nanoparticles as insulin carriers to prolong insulin activity. <i>Nanomedicine</i> , 2017, 12, 1823-1834.	3.3	13
30	Carbon Fiber Ionization Mass Spectrometry for the Analysis of Analytes in Vapor, Liquid, and Solid Phases. <i>Analytical Chemistry</i> , 2017, 89, 13458-13465.	6.5	23
31	Detection of ricin by using gold nanoclusters functionalized with chicken egg white proteins as sensing probes. <i>Biosensors and Bioelectronics</i> , 2017, 92, 410-416.	10.1	38
32	A Role Model with Endless Enthusiasm for Science: In Memory of Tsutomu Masujima. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2017, 65, 150-153.	0.1	0
33	Electrospray Modifications for Advancing Mass Spectrometric Analysis. <i>Mass Spectrometry</i> , 2017, 6, S0057-S0057.	0.6	15
34	Molecular recognition between insulin and dextran encapsulated gold nanoparticles. <i>Journal of Molecular Recognition</i> , 2016, 29, 528-535.	2.1	8
35	Affinity capture using peptide-functionalized magnetic nanoparticles to target <i>Staphylococcus aureus</i> . <i>Nanoscale</i> , 2016, 8, 9217-9225.	5.6	21
36	Online monitoring of chemical reactions by polarization-induced electrospray ionization. <i>Analytica Chimica Acta</i> , 2016, 937, 106-112.	5.4	6

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37	Revisiting the quantitative features of surface-assisted laser desorption/ionization mass spectrometric analysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150379.	3.4	5
38	Combination of Raman Spectroscopy and Mass Spectrometry for Online Chemical Analysis. <i>Analytical Chemistry</i> , 2016, 88, 9151-9157.	6.5	20
39	Functional gold nanoparticle-based antibacterial agents for nosocomial and antibiotic-resistant bacteria. <i>Nanomedicine</i> , 2016, 11, 2497-2510.	3.3	26
40	One-Step Detection of Major Lipid Components in Submicroliter Volumes of Unpurified Liposome and Cell Suspensions. <i>Analytical Chemistry</i> , 2016, 88, 7337-7343.	6.5	4
41	Photoluminescence Determination of Aluminum Using Glutathione-Capped Gold Nanoclusters. <i>Analytical Letters</i> , 2016, 49, 2246-2258.	1.8	9
42	Capillary hydrodynamic chromatography reveals temporal profiles of cell aggregates. <i>Analytica Chimica Acta</i> , 2016, 910, 75-83.	5.4	4
43	Tissue paper assisted spray ionization mass spectrometry. <i>RSC Advances</i> , 2015, 5, 94315-94320.	3.6	13
44	Microcontroller-Assisted Compensation of Adenosine Triphosphate Levels: Instrument and Method Development. <i>Scientific Reports</i> , 2015, 5, 8135.	3.3	12
45	A compact 3D-printed interface for coupling open digital microchips with Venturi easy ambient sonic-spray ionization mass spectrometry. <i>Analyst, The</i> , 2015, 140, 1495-1501.	3.5	30
46	Detection of <i>Staphylococcus aureus</i> by Functional Gold Nanoparticle-Based Affinity Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 2114-2120.	6.5	69
47	Potent Antibacterial Nanoparticles for Pathogenic Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2046-2054.	8.0	112
48	Polarization induced electrospray ionization mass spectrometry for the analysis of liquid, viscous and solid samples. <i>Journal of Mass Spectrometry</i> , 2015, 50, 444-450.	1.6	20
49	Magnetic Nanoparticle-Based Platform for Characterization of Shiga-like Toxin 1 from Complex Samples. <i>Analytical Chemistry</i> , 2015, 87, 10513-10520.	6.5	20
50	Microfluidic Chip Coupled with Thermal Desorption Atmospheric Pressure Ionization Mass Spectrometry. <i>Mass Spectrometry</i> , 2014, 3, S0026-S0026.	0.6	2
51	Real time monitoring of accelerated chemical reactions by ultrasonication-assisted spray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 50-56.	1.6	14
52	Using protein-encapsulated gold nanoclusters as photoluminescent sensing probes for biomolecules. <i>Biosensors and Bioelectronics</i> , 2014, 61, 88-94.	10.1	102
53	Droplet-based electrospray ionization mass spectrometry for qualitative and quantitative analysis. <i>Journal of Mass Spectrometry</i> , 2014, 49, 432-436.	1.6	6
54	Automated system for extraction and instantaneous analysis of millimeter-sized samples. <i>RSC Advances</i> , 2014, 4, 10693.	3.6	21

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55	On the dynamics of kefir volatome. RSC Advances, 2014, 4, 28865.	3.6	9
56	Synthesis of Oligomeric Mannosides and Their Structureâ€Binding Relationship with Concanavalinâ€...A. Chemistry - an Asian Journal, 2014, 9, 1786-1796.	3.3	11
57	Dextran-encapsulated photoluminescent gold nanoclusters: synthesis and application. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	14
58	Coffee-ring effects in laser desorption/ionization mass spectrometry. Analytica Chimica Acta, 2013, 766, 77-82.	5.4	59
59	Time-resolved mass spectrometry. TrAC - Trends in Analytical Chemistry, 2013, 44, 106-120.	11.4	45
60	Magnetic Nanoparticle-Based Platform for Characterization of Histidine-Rich Proteins and Peptides. Analytical Chemistry, 2013, 85, 3347-3354.	6.5	25
61	A hybrid nanoparticle matrix for mass spectrometry. RSC Advances, 2013, 3, 6865.	3.6	7
62	Lysozymeâ€encapsulated gold nanoclusterâ€based affinity mass spectrometry for pathogenic bacteria. Rapid Communications in Mass Spectrometry, 2013, 27, 2143-2148.	1.5	25
63	Photoluminescent Gold Nanoclusters as Sensing Probes for Uropathogenic Escherichia coli. PLoS ONE, 2013, 8, e58064.	2.5	25
64	Automatic Sampling and Analysis of Organics and Biomolecules by Capillary Action-Supported Contactless Atmospheric Pressure Ionization Mass Spectrometry. PLoS ONE, 2013, 8, e66292.	2.5	11
65	Nanomaterials for Photohyperthermia: A Review. Current Pharmaceutical Design, 2013, 19, 6622-6634.	1.9	57
66	Recording temporal characteristics of convection currents by continuous and segmented-flow sampling. RSC Advances, 2012, 2, 12431.	3.6	9
67	On-Target Labeling of Intracellular Metabolites Combined with Chemical Mapping of Individual Hyphae Revealing Cytoplasmic Relocation of Isotopologues. Analytical Chemistry, 2012, 84, 5110-5116.	6.5	14
68	Human Serum Albumin Stabilized Gold Nanoclusters as Selective Luminescent Probes for <i>Staphylococcus aureus</i> and Methicillin-Resistant <i>Staphylococcus aureus</i> . Analytical Chemistry, 2012, 84, 8952-8956.	6.5	107
69	Using Gold Nanoclusters As Selective Luminescent Probes for Phosphate-Containing Metabolites. Analytical Chemistry, 2012, 84, 5484-5488.	6.5	99
70	Study of salt effects in ultrasonicationâ€assisted spray ionization mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 480-483.	1.6	12
71	Online monitoring of chemical reactions by contactless atmospheric pressure ionization mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 586-590.	1.6	27
72	Isotope Label-Aided Mass Spectrometry Reveals the Influence of Environmental Factors on Metabolism in Single Eggs of Fruit Fly. PLoS ONE, 2012, 7, e50258.	2.5	6

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73	Syringe Infusion-based Contactless Atmospheric Pressure Ionization Mass Spectrometry for Small and Large Biomolecules. <i>Mass Spectrometry Letters</i> , 2012, 3, 87-92.	0.5	6
74	Microscale MALDI Imaging of Outer-Layer Lipids in Intact Egg Chambers from <i>Drosophila melanogaster</i> . <i>Analytical Chemistry</i> , 2011, 83, 3918-3925.	6.5	18
75	Capillary Action-Supported Contactless Atmospheric Pressure Ionization for the Combined Sampling and Mass Spectrometric Analysis of Biomolecules. <i>Analytical Chemistry</i> , 2011, 83, 2866-2869.	6.5	37
76	Multifunctional Fe ₃ O ₄ /alumina core/shell MNPs as photothermal agents for targeted hyperthermia of nosocomial and antibiotic-resistant bacteria. <i>Nanomedicine</i> , 2011, 6, 1353-1363.	3.3	63
77	Functional magnetic nanoparticle-based trapping and sensing approaches for label-free fluorescence detection of DNA. <i>Talanta</i> , 2011, 86, 200-207.	5.5	14
78	Multilayer gold nanoparticle-assisted protein tryptic digestion in solution and in gel under photothermal heating. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 377-385.	3.7	5
79	A label-free sensing method for phosphopeptides using two-layer gold nanoparticle-based localized surface plasma resonance spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1173-1180.	3.7	13
80	Functional Fe ₃ O ₄ @ZnO magnetic nanoparticle-assisted enrichment and enzymatic digestion of phosphoproteins from saliva. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2049-2057.	3.7	54
81	Ultrasonication-assisted spray ionization mass spectrometry for the analysis of biomolecules in solution. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1547-1553.	2.8	36
82	Functional gold nanoclusters as antimicrobial agents for antibiotic-resistant bacteria. <i>Nanomedicine</i> , 2010, 5, 755-764.	3.3	150
83	Fe ₃ O ₄ /TiO ₂ core/shell magnetic nanoparticle-based photokilling of pathogenic bacteria. <i>Nanomedicine</i> , 2010, 5, 1585-1593.	3.3	30
84	Functional magnetic nanoparticle-based label free fluorescence detection of phosphorylated species. <i>Chemical Communications</i> , 2010, 46, 5674.	4.1	21
85	Multilayer gold nanoparticle-assisted thermal desorption ambient mass spectrometry for the analysis of small organics. <i>Analyst</i> , 2010, 135, 2668.	3.5	17
86	Ultrasonication-assisted spray ionization mass spectrometry for on-line monitoring of organic reactions. <i>Chemical Communications</i> , 2010, 46, 8347.	4.1	38
87	Iron Oxide/Niobium Oxide Core-Shell Magnetic Nanoparticle-Based Phosphopeptide Enrichment from Biological Samples for MALDI MS Analysis. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 215-223.	1.1	28
88	Iron oxide/tantalum oxide core-shell magnetic nanoparticle-based microwave-assisted extraction for phosphopeptide enrichment from complex samples for MALDI MS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2129-2136.	3.7	70
89	Microwave-assisted sensing of tetracycline using europium-sensitized luminescence fibers as probes. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1433-1439.	3.7	18
90	Multifunctional Fe ₃ O ₄ @Au Nanoeggs as Photothermal Agents for Selective Killing of Nosocomial and Antibiotic-Resistant Bacteria. <i>Small</i> , 2009, 5, 51-56.	10.0	187

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91	Identification of <i>Pseudomonas aeruginosa</i> using functional magnetic nanoparticle-based affinity capture combined with MALDI MS analysis. <i>Analyst</i> , The, 2009, 134, 2087.	3.5	35
92	Glutathione-bound gold nanoclusters for selective-binding and detection of glutathione S-transferase-fusion proteins from cell lysates. <i>Chemical Communications</i> , 2009, , 7515.	4.1	96
93	Surface-assisted laser desorption/ionization mass spectrometry on titania nanotube arrays. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1014-1020.	2.8	62
94	Photochemical synthesis of polygonal gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2008, 10, 697-702.	1.9	24
95	Functional Fe ₃ O ₄ /TiO ₂ Core/Shell Magnetic Nanoparticles as Photokilling Agents for Pathogenic Bacteria. <i>Small</i> , 2008, 4, 485-491.	10.0	167
96	A two-matrix system for MALDI MS analysis of serine phosphorylated peptides concentrated by Fe ₃ O ₄ /Al ₂ O ₃ magnetic nanoparticles. <i>Journal of Mass Spectrometry</i> , 2008, 43, 538-541.	1.6	26
97	Functional Nanoparticle-Based Proteomic Strategies for Characterization of Pathogenic Bacteria. <i>Analytical Chemistry</i> , 2008, 80, 9612-9621.	6.5	63
98	Affinity Capture of Uropathogenic <i>Escherichia coli</i> Using Pigeon Ovalbumin-Bound Fe ₃ O ₄ @Al ₂ O ₃ Magnetic Nanoparticles. <i>Analytical Chemistry</i> , 2008, 80, 5425-5432.	6.5	109
99	Carboxylate-Functionalized Iron Oxide Nanoparticles in Surface-Assisted Laser Desorption/Ionization Mass Spectrometry for the Analysis of Small Biomolecules. <i>Analytical Letters</i> , 2008, 41, 260-267.	1.8	14
100	Nanomaterial Based Affinity Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry for Biomolecules and Pathogenic Bacteria. <i>Recent Patents on Nanotechnology</i> , 2007, 1, 99-111.	1.3	27
101	Rapid Enrichment of Phosphopeptides from Tryptic Digests of Proteins Using Iron Oxide Nanocomposites of Magnetic Particles Coated with Zirconia as the Concentrating Probes. <i>Journal of Proteome Research</i> , 2007, 6, 887-893.	3.7	126
102	Acceleration of Microwave-Assisted Enzymatic Digestion Reactions by Magnetite Beads. <i>Analytical Chemistry</i> , 2007, 79, 2394-2401.	6.5	99
103	MALDI MS Analysis of Oligonucleotides: Desalting by Functional Magnetite Beads Using Microwave-Assisted Extraction. <i>Analytical Chemistry</i> , 2007, 79, 8061-8066.	6.5	45
104	Nitrilotriacetic Acid-Coated Magnetic Nanoparticles as Affinity Probes for Enrichment of Histidine-Tagged Proteins and Phosphorylated Peptides. <i>Analytical Chemistry</i> , 2007, 79, 7519-7525.	6.5	130
105	Rapid Enrichment of Phosphopeptides and Phosphoproteins from Complex Samples Using Magnetic Particles Coated with Alumina as the Concentrating Probes for MALDI MS Analysis. <i>Journal of Proteome Research</i> , 2007, 6, 316-325.	3.7	131
106	The effect of the morphology of nanocrystalline CeO ₂ on ethanol reforming. <i>Chemical Physics Letters</i> , 2007, 441, 294-299.	2.6	77
107	Selective enrichment of ochratoxin A using human serum albumin bound magnetic beads as the concentrating probes for capillary electrophoresis/electrospray ionization-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2007, 1159, 250-255.	3.7	34
108	Functional gold nanoparticles as photothermal agents for selective-killing of pathogenic bacteria. <i>Nanomedicine</i> , 2007, 2, 777-787.	3.3	170

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109	Semi-quantitative determination of cationic surfactants in aqueous solutions using gold nanoparticles as reporter probes. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2091-2099.	3.7	22
110	Detection of Phosphopeptides by Localized Surface Plasma Resonance of Titania-Coated Gold Nanoparticles Immobilized on Glass Substrates. <i>Analytical Chemistry</i> , 2006, 78, 6873-6878.	6.5	69
111	Determination of calcium in complex samples using functional magnetic beads combined with electrodeless/sheathless electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1995-1999.	1.5	8
112	Affinity-based mass spectrometry using magnetic iron oxide particles as the matrix and concentrating probes for SALDI MS analysis of peptides and proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 699-704.	3.7	93
113	Heavy chain of cytoplasmic dynein is a major component of the postsynaptic density fraction. <i>Journal of Neuroscience Research</i> , 2006, 84, 244-254.	2.9	19
114	Characterization of intact <i>Penicillium</i> spores by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3564-3568.	1.5	74
115	Sheathless Capillary Electrophoresis/Electrospray Ionization Mass Spectrometry Using a Pulled Bare Fused-Silica Capillary as the Electrospray Emitter. <i>Analytical Chemistry</i> , 2005, 77, 2071-2077.	6.5	30
116	Affinity Capture Using Vancomycin-Bound Magnetic Nanoparticles for the MALDI-MS Analysis of Bacteria. <i>Analytical Chemistry</i> , 2005, 77, 1753-1760.	6.5	194
117	Fe ₃ O ₄ /TiO ₂ Core/Shell Nanoparticles as Affinity Probes for the Analysis of Phosphopeptides Using TiO ₂ Surface-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 5912-5919.	6.5	442
118	Glass-chip-based sample preparation and on-chip tryptic digestion for matrix-assisted laser desorption/ionization mass spectrometric analysis using a sol-gel/2,5-dihydroxybenzoic acid hybrid matrix. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 313-318.	1.5	21
119	Using sol-gel/crown ether hybrid materials as desalting substrates for matrix-assisted laser desorption/ionization analysis of oligonucleotides. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1421-1428.	1.5	24
120	Desorption/ionization mass spectrometry on nanocrystalline titania sol-gel-deposited films. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1956-1964.	1.5	97
121	Carbon nanotubes as affinity probes for peptides and proteins in MALDI MS analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 1629-1635.	2.8	74
122	Molecularly Imprinted TiO ₂ -Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry for Selectively Detecting β -Cyclodextrin. <i>Analytical Chemistry</i> , 2004, 76, 1453-1457.	6.5	76
123	Using Biofunctionalized Nanoparticles To Probe Pathogenic Bacteria. <i>Analytical Chemistry</i> , 2004, 76, 7162-7168.	6.5	133
124	Gold Nanoparticles as Selective and Concentrating Probes for Samples in MALDI MS Analysis. <i>Analytical Chemistry</i> , 2004, 76, 4337-4342.	6.5	114
125	Fiber introduction mass spectrometry: coupling solid-phase microextraction with sol-gel-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1092-1094.	1.5	22
126	Laser desorption/ionization mass spectrometry on sol-gel-derived dihydroxybenzoic acid isomeric films. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2683-2687.	1.5	18

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127	Reducing the Alkali Cation Adductions of Oligonucleotides Using Sol ^â Gel-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 4223-4228.	6.5	33
128	Laser Desorption/Ionization Time-of-Flight Mass Spectrometry on Sol ^â Gel-Derived 2,5-Dihydroxybenzoic Acid Film. <i>Analytical Chemistry</i> , 2002, 74, 5793-5798.	6.5	85
129	A novel approach of combining thin-layer chromatography with surface-assisted laser desorption/ionization (SALDI) time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 85-90.	1.6	50
130	Analysis of the saliva from patients with oral cancer by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 364-369.	1.5	35
131	Qualitative determination of trace quantities of nonyl phenyl polyethylene glycol ether in water based on solid-phase microextraction combined with surface-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1243-1247.	1.5	19
132	Analysis of small organics on planar silica surfaces using surface-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1899-1903.	1.5	41
133	Determination of trace quaternary ammonium surfactants in water by combining solid-phase extraction with surface-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2521-2525.	1.5	19
134	Analysis of small organics on planar silica surfaces using surface ^â assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1899-1903.	1.5	2
135	Rapid determination of trace nitrophenolic organics in water by combining solid-phase extraction with surface-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 86-90.	1.5	37
136	Using surfactants to enhance the analyte signals in activated carbon, surface-assisted laser desorption/ionization (SALDI) mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2000, 35, 1278-1284.	1.6	30
137	Sensitivity enhancement for nitrophenols using cationic surfactant-modified activated carbon for solid-phase extraction surface-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2300-2304.	1.5	20
138	Characterization of <i>Aspergillus</i> spores by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2393-2400.	1.5	103
139	In situ determination of organic reaction products by combining thin layer chromatography with surface-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 821-825.	1.5	33
140	Thin-layer chromatography ^â mass spectrometry using activated carbon, surface-assisted laser desorption/ionization. <i>Journal of Chromatography A</i> , 1998, 826, 77-86.	3.7	109
141	Analysis of Gaseous Ammonia, Volatile Primary Amines and Quaternary Ammonium Salts at Subambient Temperature by Liquid Secondary Ion Mass Spectrometry. <i>Journal of Mass Spectrometry</i> , 1996, 31, 464-471.	1.6	4
142	Graphite surface-assisted laser desorption/ionization time-of-flight mass spectrometry of peptides and proteins from liquid solutions. <i>Analytical Chemistry</i> , 1995, 67, 4335-4342.	6.5	558