Lili He

List of Publications by Year
in descending order

140 papers	6,569 citations	76294 40 h-index	71651 76 g-index
141 all docs	141 docs citations	141 times ranked	8005 citing authors

#	Article	IF	Citations
1	Assessment of three SERS approaches for studying E. Coli O157:H7 susceptibility to ampicillin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120239.	2.0	8
2	Quantitative age grading of mosquitoes using surfaceâ€enhanced Raman spectroscopy. Analytical Science Advances, 2022, 3, 47-53.	1.2	6
3	Recent Advances in Spectroscopic Techniques for the Analysis of Microplastics in Food. Journal of Agricultural and Food Chemistry, 2022, 70, 1410-1422.	2.4	27
4	Role of Foliar Biointerface Properties and Nanomaterial Chemistry in Controlling Cu Transfer into Wild-Type and Mutant <i>Arabidopsis thaliana</i> Leaf Tissue. Journal of Agricultural and Food Chemistry, 2022, 70, 4267-4278.	2.4	8
5	Development of a portable SERS method for testing the antibiotic sensitivity of foodborne bacteria. Journal of Microbiological Methods, 2022, 198, 106496.	0.7	4
6	Investigation of the Impact of a Pesticide Adjuvant on Dimethoate Persistence, Penetration, and Stability on Apples Using Surface-Enhanced Raman Spectroscopy. ACS Agricultural Science and Technology, 2022, 2, 788-795.	1.0	4
7	A filtration-assisted approach to enhance optical detection of analytes and its application in food matrices. Food Chemistry, 2021, 338, 127814.	4.2	7
8	Simultaneous determination of 14 bioactive citrus flavonoids using thin-layer chromatography combined with surface enhanced Raman spectroscopy. Food Chemistry, 2021, 338, 128115.	4.2	30
9	Headspace analysis of shelf life of postharvest arugula leaves using a SERS-active fiber. Postharvest Biology and Technology, 2021, 175, 111410.	2.9	7
10	An innovative filtration based Raman mapping technique for the size characterization of anatase titanium dioxide nanoparticles. Talanta, 2021, 224, 121836.	2.9	4
11	Detection of Mycotoxins in Food Using Surface-Enhanced Raman Spectroscopy: A Review. ACS Applied Bio Materials, 2021, 4, 295-310.	2.3	25
12	SERS imaging analyses of bacteria cells among plant tissues. Talanta, 2021, 225, 122008.	2.9	3
13	A facile solvent extraction method facilitating surface-enhanced Raman spectroscopic detection of ochratoxin A in wine and wheat. Talanta, 2021, 224, 121792.	2.9	10
14	New insight into naturally formed nanosilver particles: role of plant root exudates. Environmental Science: Nano, 2021, 8, 1580-1592.	2.2	6
15	Fortification of Plant-Based Milk with Calcium May Reduce Vitamin D Bioaccessibility: An <i>In Vitro</i> Digestion Study. Journal of Agricultural and Food Chemistry, 2021, 69, 4223-4233.	2.4	26
16	Recent advances in dual recognition based surface enhanced Raman scattering for pathogenic bacteria detection: A review. Analytica Chimica Acta, 2021, 1157, 338279.	2.6	52
17	Surfaceâ€Enhanced Raman Spectroscopic Analysis of Anatase Titanium Dioxide Nanoparticles: Investigation of the Key Factors. ChemistrySelect, 2021, 6, 5987-5993.	0.7	5
18	Aptamer-based surface enhanced Raman spectroscopy (SERS) for the rapid detection of Salmonella Enteritidis contaminated in ground beef. LWT - Food Science and Technology, 2021, 150, 111937.	2.5	5

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19	Investigation of factors that impact the label-free surface-enhanced Raman scattering (SERS) for the detection and discrimination of Salmonella Enteritidis. LWT - Food Science and Technology, 2021, 150, 111962.	2.5	5
20	<i>In situ</i> and real time investigation of foliarly applied silver nanoparticles on and in spinach leaves by surface enhanced Raman spectroscopic mapping. Analytical Methods, 2021, 13, 2567-2574.	1.3	4
21	Multi-phase detection of antioxidants using surface-enhanced Raman spectroscopy with a gold nanoparticle-coated fiber. Talanta, 2020, 206, 120197.	2.9	7
22	Development of a method to evaluate the tenderness of fresh tea leaves based on rapid, in-situ Raman spectroscopy scanning for carotenoids. Food Chemistry, 2020, 308, 125648.	4.2	26
23	Development of a facile rolling method to amplify an analyte's weak SERS activity and its application for chlordane detection. Analytical Methods, 2020, 12, 433-439.	1.3	9
24	Rapid identification and quantification of the antibiotic susceptibility of lactic acid bacteria using surface enhanced Raman spectroscopy. Analytical Methods, 2020, 12, 376-382.	1.3	13
25	Effects of water activity, sugars, and proteins on lipid oxidative stability of low moisture model crackers. Food Research International, 2020, 130, 108844.	2.9	17
26	Digestion of animal- and plant-based proteins encapsulated in Îº-carrageenan/protein beads under simulated gastrointestinal conditions. Food Research International, 2020, 137, 109662.	2.9	20
27	Understanding and Advancing the 3-mercaptophenylboronic Acid Chemical Label for Optimal Surface-enhanced Raman Spectroscopic Analysis of Bacteria Populations. ACS Applied Bio Materials, 2020, 3, 8768-8775.	2.3	4
28	Rapid Determination of Saffron Grade and Adulteration by Thin-Layer Chromatography Coupled with Raman Spectroscopy. Food Analytical Methods, 2020, 13, 2128-2137.	1.3	15
29	Comparison of labelâ€free and labelâ€based approaches for surfaceâ€enhanced Raman microscopic imaging of bacteria cells. Analytical Science Advances, 2020, 1, 245-253.	1.2	6
30	Headspace Characterization and Quantification of Aromatic Organosulfur Compounds in Garlic Extracts Using Surface-Enhanced Raman Scattering with a Mirror-in-a-Cap Substrate. Journal of AOAC INTERNATIONAL, 2020, 103, 1201-1207.	0.7	0
31	Washing fresh tea leaves before picking decreases pesticide residues in tea. Journal of the Science of Food and Agriculture, 2020, 100, 4921-4929.	1.7	11
32	Rapid organic solvent extraction coupled with surface enhanced Raman spectroscopic mapping for ultrasensitive quantification of foliarly applied silver nanoparticles in plant leaves. Environmental Science: Nano, 2020, 7, 1061-1067.	2.2	5
33	Practical SERS method for assessment of the washing durability of textiles containing silver nanoparticles. Analytical Methods, 2020, 12, 1186-1196.	1.3	2
34	Chemical profiling of red wines using surface-enhanced Raman spectroscopy (SERS). Analytical Methods, 2020, 12, 1324-1332.	1.3	11
35	Rapid capture and SERS detection of triclosan using a silver nanoparticle core â€“ protein satellite substrate. Science of the Total Environment, 2020, 716, 137097.	3.9	6
36	A new SERS substrate of self-assembled monolayer film of gold nanoparticles on silicon wafer for the rapid detection of polycyclic aromatic hydrocarbons. Materials Chemistry and Physics, 2020, 250, 122994.	2.0	26

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37	A simple and rapid method for detecting the pesticide fipronil on egg shells and in liquid eggs by Raman microscopy. Food Control, 2019, 96, 16-21.	2.8	42
38	Recent advance in SERS techniques for food safety and quality analysis: a brief review. Current Opinion in Food Science, 2019, 28, 82-87.	4.1	111
39	Mapping of Pesticide Transmission on Biological Tissues by Surface Enhanced Raman Microscopy with a Gold Nanoparticle Mirror. ACS Applied Materials & Interfaces, 2019, 11, 44894-44904.	4.0	17
40	Real-Time Monitoring of Pesticide Translocation in Tomato Plants by Surface-Enhanced Raman Spectroscopy. Analytical Chemistry, 2019, 91, 2093-2099.	3.2	37
41	Food Chemistry as a Vital Science: Past, Present, Future. ACS Symposium Series, 2019, , 231-238.	0.5	1
42	<i>In situ</i> colorimetric detection of glyphosate on plant tissues using cysteamine-modified gold nanoparticles. Analyst, The, 2019, 144, 2017-2025.	1.7	45
43	Raman instruments for food quality evaluation. , 2019, , 119-143.		2
44	Role of Mucin in Behavior of Food-Grade TiO₂ Nanoparticles under Simulated Oral Conditions. Journal of Agricultural and Food Chemistry, 2019, 67, 5882-5890.	2.4	32
45	Transformation of Ag ions into Ag nanoparticle-loaded AgCl microcubes in the plant root zone. Environmental Science: Nano, 2019, 6, 1099-1110.	2.2	15
46	Development of a filtration-based SERS mapping platform for specific screening of Salmonella enterica serovar Enteritidis. Analytical and Bioanalytical Chemistry, 2019, 411, 7899-7906.	1.9	16
47	Analysis of multiple pesticide residues in polyphenol-rich agricultural products by UPLC-MS/MS using a modified QuEChERS extraction and dilution method. Food Chemistry, 2019, 274, 452-459.	4.2	54
48	Impact of protein-nanoparticle interactions on gastrointestinal fate of ingested nanoparticles: Not just simple protein corona effects. NanoImpact, 2019, 13, 37-43.	2.4	53
49	Development of a headspace solidâ€phase microextractionâ€"surfaceâ€enhanced Raman scattering approach to detect volatile pesticides. Journal of Raman Spectroscopy, 2019, 50, 6-14.	1.2	21
50	Rapid and efficient removal of silver nanoparticles from plant surfaces using sodium hypochlorite and ammonium hydroxide solution. Food Control, 2019, 98, 68-73.	2.8	6
51	A field-deployable surface-enhanced Raman scattering (SERS) method for sensitive analysis of silver nanoparticles in environmental waters. Science of the Total Environment, 2019, 653, 1034-1041.	3.9	12
52	Fabrication and characterization of protein-phenolic conjugate nanoparticles for co-delivery of curcumin and resveratrol. Food Hydrocolloids, 2018, 79, 450-461.	5.6	150
53	A Triple Functional Approach To Simultaneously Determine the Type, Concentration, and Size of Titanium Dioxide Particles. Environmental Science & Technology, 2018, 52, 2863-2869.	4.6	20
54	Simultaneous characterization of chemical structures and bioactivities of citrus-derived components using SERS barcodes. Food Chemistry, 2018, 240, 743-750.	4.2	10

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55	Rationalizing and advancing the 3-MPBA SERS sandwich assay for rapid detection of bacteria in environmental and food matrices. Food Microbiology, 2018, 72, 89-97.	2.1	24
56	Rapid identification of artificial and natural food colorants with surface enhanced Raman spectroscopy. Food Control, 2018, 92, 267-275.	2.8	41
57	Mapping bacteria on filter membranes, an innovative SERS approach. Journal of Microbiological Methods, 2018, 147, 69-75.	0.7	20
58	Combining Headspace Solid-Phase Microextraction and Surface-Enhanced Raman Spectroscopy To Detect the Pesticide Fonofos in Apple Juice. Journal of Food Protection, 2018, 81, 1087-1092.	0.8	19
59	Cysteamineâ€Modified Gold Nanoparticles as a Colorimetric Sensor for the Rapid Detection of Gentamicin. Journal of Food Science, 2018, 83, 1631-1638.	1.5	37
60	Comparison of the Metabolic Behaviors of Six Systemic Insecticides in a Newly Established Cell Suspension Culture Derived from Tea (<i>Camellia sinensis</i> L.) Leaves. Journal of Agricultural and Food Chemistry, 2018, 66, 8593-8601.	2.4	10
61	Rapid detection of TiO₂ (E171) in table sugar using Raman spectroscopy. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1-9.	1.1	5
62	Rapid concentration detection and differentiation of bacteria in skimmed milk using surface enhanced Raman scattering mapping on 4-mercaptophenylboronic acid functionalized silver dendrites. Analytical and Bioanalytical Chemistry, 2017, 409, 2229-2238.	1.9	41
63	Surface-enhanced Raman spectroscopy (SERS) combined techniques for high-performance detection and characterization. TrAC - Trends in Analytical Chemistry, 2017, 90, 1-13.	5.8	89
64	Investigation of Pesticide Penetration and Persistence on Harvested and Live Basil Leaves Using Surface-Enhanced Raman Scattering Mapping. Journal of Agricultural and Food Chemistry, 2017, 65, 3541-3550.	2.4	33
65	Ag₂O/TiO₂ Nanocomposite Heterostructure as a Dual Functional Semiconducting Substrate for SERS/SEIRAS Application. Langmuir, 2017, 33, 5345-5352.	1.6	20
66	Investigation of degradation and penetration behaviors of dimethoate on and in spinach leaves using in situ SERS and LC-MS. Food Chemistry, 2017, 237, 305-311.	4.2	26
67	A green, facile, and rapid method for microextraction and Raman detection of titanium dioxide nanoparticles from milk powder. RSC Advances, 2017, 7, 21380-21388.	1.7	22
68	Antifungal mechanisms of ZnO and Ag nanoparticles toSclerotinia homoeocarpa. Nanotechnology, 2017, 28, 155101.	1.3	53
69	Aptamerâ€Based SERS Detection of Lysozyme on a Foodâ€Handling Surface. Journal of Food Science, 2017, 82, 225-231.	1.5	27
70	Effectiveness of Commercial and Homemade Washing Agents in Removing Pesticide Residues on and in Apples. Journal of Agricultural and Food Chemistry, 2017, 65, 9744-9752.	2.4	80
71	Effect of the Composition and Structure of Excipient Emulsion on the Bioaccessibility of Pesticide Residue in Agricultural Products. Journal of Agricultural and Food Chemistry, 2017, 65, 9128-9138.	2.4	19
72	Applications of surface-enhanced Raman spectroscopy in the analysis of nanoparticles in the environment. Environmental Science: Nano, 2017, 4, 2093-2107.	2.2	47

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73	A facile solvent mediated self-assembly silver nanoparticle mirror substrate for quantitatively improved surface enhanced Raman scattering. Analyst, The, 2017, 142, 4075-4082.	1.7	20
74	Innovative sandwich assay with dual optical and SERS sensing mechanisms for bacterial detection. Analytical Methods, 2017, 9, 4732-4739.	1.3	35
75	Uptake, Translocation, Metabolism, and Distribution of Glyphosate in Nontarget Tea Plant (<i>Camellia) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	37
76	Chemical Mapping of Essential Oils, Flavonoids and Carotenoids in Citrus Peels by Raman Microscopy. Journal of Food Science, 2017, 82, 2840-2846.	1.5	27
77	Rapid screening for ricin toxin on letter papers using surface enhanced Raman spectroscopy. Talanta, 2017, 162, 552-557.	2.9	14
78	Surface-Enhanced Raman Spectroscopy: A Tool for All Classes of Food Contaminants. , 2017, , .		1
79	Surfaceâ€enhanced Raman scattering characterization of monohydroxylated polymethoxyflavones. Journal of Raman Spectroscopy, 2016, 47, 901-907.	1.2	9
80	Review of surface enhanced Raman spectroscopic (SERS) detection of synthetic chemical pesticides. TrAC - Trends in Analytical Chemistry, 2016, 85, 73-82.	5.8	334
81	Filter-based surface-enhanced Raman spectroscopy for rapid and sensitive detection of the fungicide ferbam in water. International Journal of Environmental Analytical Chemistry, 2016, 96, 1495-1506.	1.8	16
82	Label-free Imaging and Characterization of Cancer Cell Responses to Polymethoxyflavones Using Raman Microscopy. Journal of Agricultural and Food Chemistry, 2016, 64, 9708-9713.	2.4	8
83	Highly sensitive and selective detection of nitrite ions using Fe3O4@SiO2/Au magnetic nanoparticles by surface-enhanced Raman spectroscopy. Biosensors and Bioelectronics, 2016, 85, 726-733.	5.3	106
84	Characterization of Lactococcus lactis response to ampicillin and ciprofloxacin using surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2016, 408, 933-941.	1.9	34
85	Real-Time and <i>in Situ</i> Monitoring of Pesticide Penetration in Edible Leaves by Surface-Enhanced Raman Scattering Mapping. Analytical Chemistry, 2016, 88, 5243-5250.	3.2	100
86	Oxidative Conversion Mediates Antiproliferative Effects of <i>tert</i>-Butylhydroquinone: Structure and Activity Relationship Study. Journal of Agricultural and Food Chemistry, 2016, 64, 3743-3748.	2.4	14
87	High Adsorption of Sulfamethoxazole by an Amine-Modified Polystyreneâ€“Divinylbenzene Resin and Its Mechanistic Insight. Environmental Science & Technology, 2016, 50, 10015-10023.	4.6	108
88	Ultra-sensitive determination of silver nanoparticles by surface-enhanced Raman spectroscopy (SERS) after hydrophobization-mediated extraction. Analyst, The, 2016, 141, 5261-5264.	1.7	14
89	Adsorption-enhanced hydrolysis of glucan oligomers into glucose over sulfonated three-dimensionally ordered mesoporous carbon catalysts. Green Chemistry, 2016, 18, 6637-6647.	4.6	25
90	Evaluation of the Penetration of Multiple Classes of Pesticides in Fresh Produce Using Surfaceâ€Enhanced Raman Scattering Mapping. Journal of Food Science, 2016, 81, T2891-T2901.	1.5	48

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91	Evaluation of Postharvest Washing on Removal of Silver Nanoparticles (AgNPs) from Spinach Leaves. Journal of Agricultural and Food Chemistry, 2016, 64, 6916-6922.	2.4	17
92	Characterization of the Interactions between Titanium Dioxide Nanoparticles and Polymethoxyflavones Using Surface-Enhanced Raman Spectroscopy. Journal of Agricultural and Food Chemistry, 2016, 64, 9436-9441.	2.4	47
93	A Filter-based Surface Enhanced Raman Spectroscopic Assay for Rapid Detection of Chemical Contaminants. Journal of Visualized Experiments, 2016, , 53791.	0.2	0
94	Alteration of the Nonsystemic Behavior of the Pesticide Ferbam on Tea Leaves by Engineered Gold Nanoparticles. Environmental Science & Technology, 2016, 50, 6216-6223.	4.6	64
95	Mapping gold nanoparticles on and in edible leaves in situ using surface enhanced Raman spectroscopy. RSC Advances, 2016, 6, 60152-60159.	1.7	10
96	Development of a filter-based method for detecting silver nanoparticles and their heteroaggregation in aqueous environments by surface-enhanced Raman spectroscopy. Environmental Pollution, 2016, 211, 198-205.	3.7	23
97	Label-free mapping of single bacterial cells using surface-enhanced Raman spectroscopy. Analyst, The, 2016, 141, 1356-1362.	1.7	70
98	Understanding the competitive interactions in aptamerâ€"gold nanoparticle based colorimetric assays using surface enhanced Raman spectroscopy (SERS). Analytical Methods, 2016, 8, 1602-1608.	1.3	25
99	Surface-enhanced Raman scattering detection of silver nanoparticles in environmental and biological samples. Science of the Total Environment, 2016, 554-555, 246-252.	3.9	37
100	Translocation of Gold Nanoparticles in Model Epithelial Cells (Cacoâ€2 Monolayers). FASEB Journal, 2016, 30, lb201.	0.2	0
101	A new approach to characterize the molecular interactions between TiO 2 nanoparticles and dietary flavonoids using surfaceâ€enhanced Raman spectroscopy. FASEB Journal, 2016, 30, .	0.2	0
102	Recent Advances in Nanomaterials for Environmental Detection and Remediation. Journal of Chemistry, 2015, 2015, 1-2.	0.9	3
103	Direct Fluorescent Detection of a Polymethoxyflavone in Cell Culture and Mouse Tissue. Journal of Agricultural and Food Chemistry, 2015, 63, 10620-10627.	2.4	9
104	In situ SERS detection of multi-class insecticides on plant surfaces. Analytical Methods, 2015, 7, 6325-6330.	1.3	61
105	Integration of colorimetric and SERS detection for rapid screening and validation of melamine in milk. Analytical Methods, 2015, 7, 6426-6431.	1.3	30
106	Analysis of Silver Nanoparticles in Antimicrobial Products Using Surface-Enhanced Raman Spectroscopy (SERS). Environmental Science & Technology, 2015, 49, 4317-4324.	4.6	98
107	Nanoimprinted Patterned Pillar Substrates for Surface-Enhanced Raman Scattering Applications. ACS Applied Materials & Interfaces, 2015, 7, 22106-22113.	4.0	57
108	Uptake of Gold Nanoparticles by Intestinal Epithelial Cells: Impact of Particle Size on Their Absorption, Accumulation, and Toxicity. Journal of Agricultural and Food Chemistry, 2015, 63, 8044-8049.	2.4	99

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109	Investigation of the solubility enhancement mechanism of rebaudioside D using a solid dispersion technique with potassium sorbate as a carrier. Food Chemistry, 2015, 174, 564-570.	4.2	21
110	Characterizing Heterogeneous Cellular Responses to Polymethoxyflavones Using Raman Microscopy. FASEB Journal, 2015, 29, 118.8.	0.2	0
111	Alterations in nanoparticle protein corona by biological surfactants: Impact of bile salts on Î²-lactoglobulin-coated gold nanoparticles. Journal of Colloid and Interface Science, 2014, 426, 333-340.	5.0	33
112	Rapid Detection of Acetamiprid in Foods using Surfaceâ€Enhanced Raman Spectroscopy (SERS). Journal of Food Science, 2014, 79, T743-7.	1.5	80
113	Lipid and lipid oxidation analysis using surface enhanced Raman spectroscopy (SERS) coupled with silver dendrites. Food Research International, 2014, 58, 1-6.	2.9	29
114	Surfaceâ€Enhanced Raman Spectroscopy for the Chemical Analysis of Food. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 317-328.	5.9	275
115	Spectroscopic studies of conformational changes of Î²-lactoglobulin adsorbed on gold nanoparticle surfaces. Journal of Colloid and Interface Science, 2014, 416, 184-189.	5.0	18
116	In situ SERS detection of emulsifiers at lipid interfaces using label-free amphiphilic gold nanoparticles. Analyst, The, 2014, 139, 5075-5078.	1.7	4
117	Fabrication of lipophilic gold nanoparticles for studying lipids by surface enhanced Raman spectroscopy (SERS). Analyst, The, 2014, 139, 3352-3355.	1.7	12
118	Development of a single aptamer-based surface enhanced Raman scattering method for rapid detection of multiple pesticides. Analyst, The, 2014, 139, 1895-1901.	1.7	132
119	Recovery and quantitative detection of thiabendazole on apples using a surface swab capture method followed by surface-enhanced Raman spectroscopy. Food Chemistry, 2014, 148, 42-46.	4.2	94
120	Evaluation of surface-enhanced Raman scattering detection using a handheld and a bench-top Raman spectrometer: A comparative study. Talanta, 2014, 129, 79-85.	2.9	29
121	Semi-quantification of surface-enhanced Raman scattering using a handheld Raman spectrometer: a feasibility study. Analyst, The, 2013, 138, 7075.	1.7	27
122	Monitoring the Chemical Production of Citrus-Derived Bioactive 5-Demethylnobiletin Using Surface-Enhanced Raman Spectroscopy. Journal of Agricultural and Food Chemistry, 2013, 61, 8079-8083.	2.4	12
123	Concentration, detection and discrimination of Bacillus anthracis spores in orange juice using aptamer based surface enhanced Raman spectroscopy. Analyst, The, 2013, 138, 1657.	1.7	46
124	A surface enhanced Raman spectroscopic study of interactions between casein and polymethoxyflavones. Journal of Raman Spectroscopy, 2013, 44, 531-535.	1.2	16
125	Structural characterisation of partially glycosylated whey protein as influenced by pH and heat using surface-enhanced Raman spectroscopy. Food Chemistry, 2013, 139, 313-319.	4.2	40
126	Aptamer-based surface-enhanced Raman scattering detection of ricin in liquid foods. Chemical Science, 2011, 2, 1579.	3.7	86

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127	A single DNA aptamer functions as a biosensor for ricin. Analyst, The, 2011, 136, 3884.	1.7	56
128	Gold Coated Zinc Oxide Nanonecklaces as a SERS Substrate. Journal of Nanoscience and Nanotechnology, 2011, 11, 3509-3515.	0.9	12
129	Detection of a Foreign Protein in Milk Using Surface-Enhanced Raman Spectroscopy Coupled with Antibody-Modified Silver Dendrites. Analytical Chemistry, 2011, 83, 1510-1513.	3.2	83
130	Rapid Detection of Ricin in Milk Using Immunomagnetic Separation Combined with Surfaceâ€Enhanced Raman Spectroscopy. Journal of Food Science, 2011, 76, N49-53.	1.5	45
131	Antifungal activity of zinc oxide nanoparticles against Botrytis cinerea and Penicillium expansum. Microbiological Research, 2011, 166, 207-215.	2.5	724
132	Rapid detection of a foreign protein in milk using IMSâ€"SERS. Journal of Raman Spectroscopy, 2011, 42, 1428-1434.	1.2	40
133	Surfaceâ€enhanced Raman spectroscopy coupled with dendritic silver nanosubstrate for detection of restricted antibiotics. Journal of Raman Spectroscopy, 2010, 41, 739-744.	1.2	59
134	Antibacterial activities of zinc oxide nanoparticles against Escherichia coli O157:H7. Journal of Applied Microbiology, 2009, 107, 1193-1201.	1.4	696
135	A new approach to measure melamine, cyanuric acid, and melamine cyanurate using surface enhanced Raman spectroscopy coupled with gold nanosubstrates. Sensing and Instrumentation for Food Quality and Safety, 2008, 2, 66-71.	1.5	122
136	Detecting single Bacillus spores by surface enhanced Raman spectroscopy. Sensing and Instrumentation for Food Quality and Safety, 2008, 2, 247-253.	1.5	31
137	Detection of Melamine in Gluten, Chicken Feed, and Processed Foods Using Surface Enhanced Raman Spectroscopy and HPLC. Journal of Food Science, 2008, 73, T129-34.	1.5	257
138	Use of a Fractal-like Gold Nanostructure in Surface-Enhanced Raman Spectroscopy for Detection of Selected Food Contaminants. Journal of Agricultural and Food Chemistry, 2008, 56, 9843-9847.	2.4	131
139	Synergetic activity of nisin with cell-free supernatant of Bacillus licheniformis ZJU12 against food-borne bacteria. Food Research International, 2006, 39, 905-909.	2.9	18
140	Production and partial characterization of bacteriocin-like pepitdes by Bacillus licheniformis ZJU12. Microbiological Research, 2006, 161, 321-326.	2.5	59