

Shuo Wang

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414
papers

8,990
citations

45
h-index

72
g-index

450
ext. papers

12,130
ext. citations

6
avg. IF

6.88
L-index

#	Paper	IF	Citations
414	Starch Retrogradation: A Comprehensive Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2015 , 14, 568-585	16.4	708
413	Reliable Quantitative SERS Analysis Facilitated by Core-Shell Nanoparticles with Embedded Internal Standards. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7308-12	16.4	272
412	Protein Profiling and Sizing of Extracellular Vesicles from Colorectal Cancer Patients via Flow Cytometry. <i>ACS Nano</i> , 2018 , 12, 671-680	16.7	202
411	Long non-coding RNA LINC01133 inhibits epithelial-mesenchymal transition and metastasis in colorectal cancer by interacting with SRSF6. <i>Cancer Letters</i> , 2016 , 380, 476-484	9.9	130
410	Rapid determination of fumonisin B1 in food samples by enzyme-linked immunosorbent assay and colloidal gold immunoassay. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2491-5	5.7	130
409	Multi-residue determination of pesticides in water using multi-walled carbon nanotubes solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1165, 166-71	4.5	125
408	Effect of fatty acids on functional properties of normal wheat and waxy wheat starches: A structural basis. <i>Food Chemistry</i> , 2016 , 190, 285-292	8.5	117
407	Alkali-induced changes in functional properties and in vitro digestibility of wheat starch: the role of surface proteins and lipids. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3636-43	5.7	111
406	SERS-Based Lateral Flow Strip Biosensor for Simultaneous Detection of <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> Serotype Enteritidis. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10290-10299	5.7	97
405	A novel and universal metal-organic frameworks sensing platform for selective detection and efficient removal of heavy metal ions. <i>Chemical Engineering Journal</i> , 2019 , 375, 122111	14.7	97
404	Recent advances on porous organic frameworks for the adsorptive removal of hazardous materials. <i>Journal of Environmental Sciences</i> , 2019 , 80, 169-185	6.4	91
403	Changes of multi-scale structure during mimicked DSC heating reveal the nature of starch gelatinization. <i>Scientific Reports</i> , 2016 , 6, 28271	4.9	85
402	Molecular order and functional properties of starches from three waxy wheat varieties grown in China. <i>Food Chemistry</i> , 2015 , 181, 43-50	8.5	84
401	Starch-lipid and starch-lipid-protein complexes: A comprehensive review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020 , 19, 1056-1079	16.4	80
400	On-line coupling of solid-phase extraction to high-performance liquid chromatography for determination of estrogens in environment. <i>Analytica Chimica Acta</i> , 2008 , 606, 194-201	6.6	80
399	Structural Orders of Wheat Starch Do Not Determine the In Vitro Enzymatic Digestibility. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1697-1706	5.7	74
398	Simultaneous adsorption of methyl orange and methylene blue from aqueous solution using amino functionalized Zr-based MOFs. <i>Microporous and Mesoporous Materials</i> , 2019 , 282, 179-187	5.3	74

397	Synthesis and characterization of a molecularly imprinted silica gel sorbent for the on-line determination of trace Sudan I in Chilli powder through high-performance liquid chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 3869-76	5.7	74
396	Complete genome sequence and transcriptomics analyses reveal pigment biosynthesis and regulatory mechanisms in an industrial strain, <i>Monascus purpureus</i> YY-1. <i>Scientific Reports</i> , 2015 , 5, 8331-9	4.9	71
395	A comparative study of annealing of waxy, normal and high-amylose maize starches: the role of amylose molecules. <i>Food Chemistry</i> , 2014 , 164, 332-8	8.5	66
394	Insights into the Formation and Structures of Starch-Protein-Lipid Complexes. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 1960-1966	5.7	62
393	Erythrocyte membrane bioinspired near-infrared persistent luminescence nanocarriers for in vivo long-circulating bioimaging and drug delivery. <i>Biomaterials</i> , 2018 , 165, 39-47	15.6	62
392	Fabrication of porous covalent organic frameworks as selective and advanced adsorbents for the on-line preconcentration of trace elements against the complex sample matrix. <i>Journal of Hazardous Materials</i> , 2018 , 344, 220-229	12.8	62
391	A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 357-364	11.8	61
390	Molecular disassembly of rice and lotus starches during thermal processing and its effect on starch digestibility. <i>Food and Function</i> , 2016 , 7, 1188-95	6.1	60
389	Molecularly imprinted polymer on ionic liquid-modified CdSe/ZnS quantum dots for the highly selective and sensitive optosensing of tocopherol. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19882		60
388	A smartphone-integrated ratiometric fluorescence sensing platform for visual and quantitative point-of-care testing of tetracycline. <i>Biosensors and Bioelectronics</i> , 2020 , 148, 111791	11.8	60
387	Mechanisms Underlying the Formation of Complexes between Maize Starch and Lipids. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 272-278	5.7	59
386	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018 , 90, 9060-9067	7.8	58
385	Two novel MOFs@COFs hybrid-based photocatalytic platforms coupling with sulfate radical-involved advanced oxidation processes for enhanced degradation of bisphenol A. <i>Chemosphere</i> , 2020 , 243, 125378	8.4	57
384	Synthesis of GdAlO:Mn,Ge@Au Core-Shell Nanoprobes with Plasmon-Enhanced Near-Infrared Persistent Luminescence for in Vivo Trimodality Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29939-29949	9.5	56
383	Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 359-63	11.8	56
382	Applications of ionic liquids in starch chemistry: a review. <i>Green Chemistry</i> , 2020 , 22, 2162-2183	10	55
381	Mechanisms of starch gelatinization during heating of wheat flour and its effect on in vitro starch digestibility. <i>Food Hydrocolloids</i> , 2018 , 82, 370-378	10.6	54
380	Development of a biomimetic enzyme-linked immunosorbent assay method for the determination of estrone in environmental water using novel molecularly imprinted films of controlled thickness as artificial antibodies. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4528-34	5.7	54

379	Correlation Analysis of Intestinal Redox State with the Gut Microbiota Reveals the Positive Intervention of Tea Polyphenols on Hyperlipidemia in High Fat Diet Fed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 7325-7335	5.7	52
378	Physicochemical properties of octenyl succinic anhydride-modified potato starch with different degrees of substitution. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 424-9	4.3	52
377	Upconversion Nanoparticles and Monodispersed Magnetic Polystyrene Microsphere Based Fluorescence Immunoassay for the Detection of Sulfaquinoxaline in Animal-Derived Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3908-15	5.7	52
376	Rapid determination of atrazine in apple juice using molecularly imprinted polymers coupled with gold nanoparticles-colorimetric/SERS dual chemosensor. <i>Food Chemistry</i> , 2019 , 276, 366-375	8.5	52
375	Effects of Chain Length and Degree of Unsaturation of Fatty Acids on Structure and in Vitro Digestibility of Starch-Protein-Fatty Acid Complexes. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 1872-1880	5.7	49
374	Multiple advanced logic gates made of DNA-Ag nanocluster and the application for intelligent detection of pathogenic bacterial genes. <i>Chemical Science</i> , 2018 , 9, 1774-1781	9.4	49
373	A novel core-shell molecularly imprinted polymer based on metal-organic frameworks as a matrix. <i>Chemical Communications</i> , 2011 , 47, 10118-20	5.8	49
372	MOF-derived CoFe ₂ O ₄ /Fe ₂ O ₃ embedded in g-C ₃ N ₄ as high-efficient Z-scheme photocatalysts for enhanced degradation of emerging organic pollutants in the presence of persulfate. <i>Separation and Purification Technology</i> , 2020 , 253, 117413	8.3	46
371	Label-Free Analysis of Single Viruses with a Resolution Comparable to That of Electron Microscopy and the Throughput of Flow Cytometry. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10239-43	16.4	45
370	Phase transition and swelling behaviour of different starch granules over a wide range of water content. <i>LWT - Food Science and Technology</i> , 2014 , 59, 597-604	5.4	45
369	Rapid detection and quantification of 2,4-dichlorophenoxyacetic acid in milk using molecularly imprinted polymers-surface-enhanced Raman spectroscopy. <i>Food Chemistry</i> , 2018 , 258, 254-259	8.5	43
368	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 286, 386-393	8.5	42
367	A high-sensitivity thermal analysis immunochromatographic sensor based on au nanoparticle-enhanced two-dimensional black phosphorus photothermal-sensing materials. <i>Biosensors and Bioelectronics</i> , 2019 , 133, 223-229	11.8	42
366	Fluorescent Carbon Quantum Dots-Synthesis, Functionalization and Sensing Application in Food Analysis. <i>Nanomaterials</i> , 2020 , 10,	5.4	42
365	Separation and determination of estrone in environmental and drinking water using molecularly imprinted solid phase extraction coupled with HPLC. <i>Journal of Separation Science</i> , 2008 , 31, 1181-8	3.4	42
364	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122074	12.8	41
363	Development of water-compatible molecularly imprinted solid-phase extraction coupled with high performance liquid chromatography-tandem mass spectrometry for the detection of six sulfonamides in animal-derived foods. <i>Journal of Chromatography A</i> , 2018 , 1574, 9-17	4.5	41
362	Benzothiadiazole functionalized Co-doped MIL-53-NH with electron deficient units for enhanced photocatalytic degradation of bisphenol A and ofloxacin under visible light. <i>Journal of Hazardous Materials</i> , 2020 , 387, 122011	12.8	41

361	A Review of Methods for Detecting Melamine in Food Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2017 , 47, 51-66	5.2	40
360	Fluoroimmunoassays for the detection of zearalenone in maize using CdTe/CdS/ZnS quantum dots. <i>Food Chemistry</i> , 2018 , 255, 421-428	8.5	40
359	Reliable Quantitative SERS Analysis Facilitated by CoreShell Nanoparticles with Embedded Internal Standards. <i>Angewandte Chemie</i> , 2015 , 127, 7416-7420	3.6	40
358	Enzyme-linked immunosorbent assay and colloidal gold-based immunochromatographic assay for several (fluoro)quinolones in milk. <i>Mikrochimica Acta</i> , 2011 , 173, 307-316	5.8	40
357	Molecularly imprinted polymer for the determination of trace ractopamine in pork using SPE followed by HPLC with fluorescence detection. <i>Journal of Separation Science</i> , 2009 , 32, 1333-9	3.4	39
356	Nanozyme-based bio-barcode assay for high sensitive and logic-controlled specific detection of multiple DNAs. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 471-477	11.8	38
355	Development and application of molecularly imprinted quartz crystal microbalance sensor for rapid detection of metolcarb in foods. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 720-728	8.5	38
354	Analytical techniques for single-liposome characterization. <i>Analytical Methods</i> , 2013 , 5, 2150	3.2	38
353	Radiomics analysis of magnetic resonance imaging improves diagnostic performance of lymph node metastasis in patients with cervical cancer. <i>Radiotherapy and Oncology</i> , 2019 , 138, 141-148	5.3	37
352	Electrochemiluminescence sensor based on upconversion nanoparticles and oligoaniline-crosslinked gold nanoparticles imprinting recognition sites for the determination of dopamine. <i>Biosensors and Bioelectronics</i> , 2019 , 128, 129-136	11.8	37
351	Detection and Characterization of Antibiotic-Resistant Bacteria Using Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2018 , 8,	5.4	37
350	Carbon-Based Nanomaterials in Sensors for Food Safety. <i>Nanomaterials</i> , 2019 , 9,	5.4	36
349	Core-Shell Metal-Organic Frameworks/Molecularly Imprinted Nanoparticles as Absorbents for the Detection of Pyrrolone in Milk and Milk Powder. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 986-992	5.7	35
348	Multiscale Structural Changes of Wheat and Yam Starches during Cooking and Their Effect on in Vitro Enzymatic Digestibility. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 156-166	5.7	34
347	A novel and sensitive fluorescence immunoassay for the detection of fluoroquinolones in animal-derived foods using upconversion nanoparticles as labels. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 8487-96	4.4	34
346	Noble Metal Nanostructured Materials for Chemical and Biosensing Systems. <i>Nanomaterials</i> , 2020 , 10,	5.4	34
345	Development and comparison of immunochromatographic strips with three nanomaterial labels: Colloidal gold, nanogold-polyaniline-nanogold microspheres (GPGs) and colloidal carbon for visual detection of salbutamol. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 337-342	11.8	34
344	Visual and fluorometric lateral flow immunoassay combined with a dual-functional test mode for rapid determination of tetracycline antibiotics. <i>Mikrochimica Acta</i> , 2018 , 185, 404	5.8	34

- 343 Tumor-Microenvironment-Induced All-in-One Nanoplatform for Multimodal Imaging-Guided Chemical and Photothermal Therapy of Cancer. *ACS Applied Materials & Interfaces*, **2019**, 11, 25043-25053 ^{9.5} 33
- 342 A Novel SPME Fiber Chemically Linked with 1-Vinyl-3-hexadecylimidazolium hexafluorophosphate Ionic Liquid Coupled with GC for the Simultaneous Determination of Pyrethroids in Vegetables. *Chromatographia*, **2012**, 75, 789-797 2.1 33
- 341 Rapid Detection of Melamine in Milk Using Immunological Separation and Surface Enhanced Raman Spectroscopy. *Journal of Food Science*, **2015**, 80, C1196-201 3.4 32
- 340 Effects of particle size and water content during cooking on the physicochemical properties and in vitro starch digestibility of milled durum wheat grains. *Food Hydrocolloids*, **2018**, 77, 445-453 10.6 32
- 339 Development and application of a quartz crystal microbalance sensor based on molecularly imprinted sol-gel polymer for rapid detection of patulin in foods. *Sensors and Actuators B: Chemical*, **2016**, 237, 239-246 8.5 32
- 338 A deep learning risk prediction model for overall survival in patients with gastric cancer: A multicenter study. *Radiotherapy and Oncology*, **2020**, 150, 73-80 5.3 31
- 337 Revisiting Mechanisms Underlying Digestion of Starches. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 8212-8226 5.7 31
- 336 Integration of FeO@UiO-66-NH@MON core-shell structured adsorbents for specific preconcentration and sensitive determination of aflatoxins against complex sample matrix. *Journal of Hazardous Materials*, **2020**, 384, 121348 12.8 31
- 335 Multi-scale structures and functional properties of starches from Indica hybrid, Japonica and waxy rice. *International Journal of Biological Macromolecules*, **2017**, 102, 136-143 7.9 30
- 334 Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. *Analyst, The*, **2017**, 142, 4486-4493 5 30
- 333 Detecting Chemical Hazards in Foods Using Microfluidic Paper-Based Analytical Devices (PADs): The Real-World Application. *Micromachines*, **2018**, 9, 3-3 30
- 332 Rapid determination of metolcarb residues in foods using a biomimetic enzyme-linked immunosorbent assay employing a novel molecularly imprinted polymer film as artificial antibody. *Journal of AOAC INTERNATIONAL*, **2013**, 96, 453-8 1.7 30
- 331 Effects of antioxidants of bamboo leaves and flavonoids on 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) formation in chemical model systems. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 4798-802 5.7 29
- 330 High-Throughput Single-Particle Analysis of Metal-Enhanced Fluorescence in Free Solution Using Ag@SiO Core-Shell Nanoparticles. *ACS Sensors*, **2017**, 2, 1369-1376 9.2 29
- 329 An ionic liquid modified dummy molecularly imprinted polymer as a solid-phase extraction material for the simultaneous determination of nine organochlorine pesticides in environmental and food samples. *Analytical Methods*, **2013**, 5, 6128 3.2 29
- 328 In vitro starch digestibility of rice flour is not affected by method of cooking. *LWT - Food Science and Technology*, **2017**, 84, 536-543 5.4 28
- 327 Multiparameter Quantification of Liposomal Nanomedicines at the Single-Particle Level by High-Sensitivity Flow Cytometry. *ACS Applied Materials & Interfaces*, **2017**, 9, 13913-13919 9.5 28
- 326 Intracellular Fenton reaction based on mitochondria-targeted copper(II) peptide complex for induced apoptosis. *Journal of Materials Chemistry B*, **2019**, 7, 4008-4016 7.3 28

325	Nanomaterials for Electrochemical Immunosensing. <i>Sensors</i> , 2017 , 17,	3.8	28
324	Sensitive detection of pyrrolidine with a molecularly imprinted sensor based on metal-organic frameworks and quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 1038-1044	8.5	27
323	A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. <i>Sensors</i> , 2018 , 18,	3.8	27
322	Effect of laboratory milling on properties of starches isolated from different flour millstreams of hard and soft wheat. <i>Food Chemistry</i> , 2015 , 172, 504-14	8.5	26
321	AI-Egens Conjugation Improves the Photothermal Efficacy and Near-Infrared Imaging of Heptamethine Cyanine IR-780. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16114-16124	9.5	26
320	Association of MRI-derived radiomic biomarker with disease-free survival in patients with early-stage cervical cancer. <i>Theranostics</i> , 2020 , 10, 2284-2292	12.1	26
319	Imprinting of molecular recognition sites combined with donor-acceptor interactions using bis-aniline-crosslinked Au-CdSe/ZnS nanoparticles array on electrodes: Development of electrochemiluminescence sensor for the ultrasensitive and selective detection of 2-methyl-4-chlorophenoxyacetic acid. <i>Biosensors and Bioelectronics</i> , 2015 , 77, 1134-43	11.8	26
318	Substitution of Antibody with Molecularly Imprinted Film in Enzyme-Linked Immunosorbent Assay for Determination of Trace Ractopamine in Urine and Pork Samples. <i>Food Analytical Methods</i> , 2011 , 4, 590-597	3.4	26
317	Analysis of steroidal estrogen residues in food and environmental samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 1-25	1.8	26
316	Stat1 phosphorylation determines Ras oncogenicity by regulating p27 kip1. <i>PLoS ONE</i> , 2008 , 3, e3476	3.7	26
315	Panaxydol attenuates ferroptosis against LPS-induced acute lung injury in mice by Keap1-Nrf2/HO-1 pathway. <i>Journal of Translational Medicine</i> , 2021 , 19, 96	8.5	26
314	Gelatinization behavior of starch: Reflecting beyond the endotherm measured by differential scanning calorimetry. <i>Food Chemistry</i> , 2019 , 284, 53-59	8.5	25
313	Facile construction of magnetic core-shell covalent organic frameworks as efficient solid-phase extraction adsorbents for highly sensitive determination of sulfonamide residues against complex food sample matrices.. <i>RSC Advances</i> , 2019 , 9, 14247-14253	3.7	25
312	Molecular mechanisms underlying the formation of starch-lipid complexes during simulated food processing: A dynamic structural analysis. <i>Carbohydrate Polymers</i> , 2020 , 244, 116464	10.3	25
311	New insights into gelatinization mechanisms of cereal endosperm starches. <i>Scientific Reports</i> , 2018 , 8, 3011	4.9	25
310	Fluorometric lateral flow immunochromatographic zearalenone assay by exploiting a quencher system composed of carbon dots and silver nanoparticles. <i>Mikrochimica Acta</i> , 2018 , 185, 388	5.8	25
309	Loss of prolyl hydroxylase domain protein 2 in vascular endothelium increases pericyte coverage and promotes pulmonary arterial remodeling. <i>Oncotarget</i> , 2016 , 7, 58848-58861	3.3	25
308	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , 2016 , 8, 16851-16856	5.6	25

307	Effect of purple yam flour substitution for wheat flour on in vitro starch digestibility of wheat bread. <i>Food Chemistry</i> , 2019 , 284, 118-124	8.5	25
306	Application of CdTe/CdS/ZnS quantum dot in immunoassay for aflatoxin B1 and molecular modeling of antibody recognition. <i>Analytica Chimica Acta</i> , 2019 , 1047, 139-149	6.6	25
305	Recent Progress on Luminescent Metal-Organic Framework-Involved Hybrid Materials for Rapid Determination of Contaminants in Environment and Food. <i>Polymers</i> , 2020 , 12,	4.5	24
304	Surface chemistry modified upconversion nanoparticles as fluorescent sensor array for discrimination of foodborne pathogenic bacteria. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 41	9.4	24
303	Colloidal gold based immunochromatographic strip for the simple and sensitive determination of aflatoxin B1 and B2 in corn and rice. <i>Mikrochimica Acta</i> , 2013 , 180, 921-928	5.8	24
302	Multiwalled Carbon Nanotubes as SPE Adsorbents for Simultaneous Determination of Seven Sulfonyleurea Herbicides in Environmental Water by LCMSMS. <i>Chromatographia</i> , 2010 , 72, 403-409	2.1	24
301	Development of two enzyme-linked immunosorbent assays for detection of endosulfan residues in agricultural products. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 7377-84	5.7	24
300	Molecularly imprinted electrochemical sensor based on polypyrrole/dopamine@graphene incorporated with surface molecularly imprinted polymers thin film for recognition of olaquinox. <i>Bioelectrochemistry</i> , 2020 , 132, 107398	5.6	24
299	Structural Changes of Starch-Lipid Complexes during Postprocessing and Their Effect on In Vitro Enzymatic Digestibility. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1530-1536	5.7	24
298	Toward a Better Understanding of Starch-Monoglyceride-Protein Interactions. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13253-13259	5.7	24
297	Effects of heat and high-pressure treatments on the solubility and immunoreactivity of almond proteins. <i>Food Chemistry</i> , 2016 , 199, 856-61	8.5	23
296	Grafting of quantum dots on covalent organic frameworks via a reverse microemulsion for highly selective and sensitive protein optosensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 269, 340-345	8.5	23
295	Visual and rapid lateral flow immunochromatographic assay for enrofloxacin using dyed polymer microspheres and quantum dots. <i>Mikrochimica Acta</i> , 2017 , 184, 4313-4321	5.8	23
294	Development of an enzyme-linked immunosorbent assay based a monoclonal antibody for the detection of pyrethroids with phenoxybenzene multiresidue in river water. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2997-3003	5.7	23
293	Stat1 is an inhibitor of Ras-MAPK signaling and Rho small GTPase expression with implications in the transcriptional signature of Ras transformed cells. <i>Cell Cycle</i> , 2009 , 8, 2070-9	4.7	23
292	Advances on Food-Derived Peptidic Antioxidants-A Review. <i>Antioxidants</i> , 2020 , 9,	7.1	23
291	Probing and Quantifying the Food-Borne Pathogens and Toxins: From In Vitro to In Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 1061-1066	5.7	22
290	An Ultrasensitive Fluorescence Sensor with Simple Operation for Cu Specific Detection in Drinking Water. <i>ACS Omega</i> , 2018 , 3, 3045-3050	3.9	22

289	Preparation and evaluation of novel surface molecularly imprinted polymers by sol-gel process for online solid-phase extraction coupled with high performance liquid chromatography to detect trace patulin in fruit derived products. <i>RSC Advances</i> , 2016 , 6, 54510-54517	3.7	22
288	Application of Molecularly Imprinted Polymer Appended onto CdSe/ZnS Quantum Dots for Optosensing of Tocopherol in Rice. <i>Food Analytical Methods</i> , 2014 , 7, 1443-1450	3.4	22
287	Effects of hydrothermal-alkali and freezing-thawing pre-treatments on modification of corn starch with octenyl succinic anhydride. <i>Carbohydrate Polymers</i> , 2017 , 175, 361-369	10.3	22
286	A novel fluorescent "turn-on" aptasensor based on nitrogen-doped graphene quantum dots and hexagonal cobalt oxyhydroxide nanoflakes to detect tetracycline. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1343-1351	4.4	22
285	Development of an Immunoassay for Chloramphenicol Based on the Preparation of a Specific Single-Chain Variable Fragment Antibody. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2971-9	5.7	22
284	Fluorescent Sensing Probe for the Sensitive Detection of Histamine Based on Molecular Imprinting Ionic Liquid-Modified Quantum Dots. <i>Food Analytical Methods</i> , 2017 , 10, 2585-2592	3.4	21
283	Rapid detection of methicillin-resistant Staphylococcus aureus in pork using a nucleic acid-based lateral flow immunoassay. <i>International Journal of Food Microbiology</i> , 2017 , 243, 64-69	5.8	21
282	Bacterial Biofilm Bioinspired Persistent Luminescence Nanoparticles with Gut-Oriented Drug Delivery for Colorectal Cancer Imaging and Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36409-36419	9.5	21
281	Development of an Enzyme-Linked Immunosorbent Assay for the Detection of Tyramine as an Index of Freshness in Meat and Seafood. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 8944-8949	5.7	21
280	Purification of Extracted Fatty Acids from the Microalgae Spirulina. <i>JAOCs, Journal of the American Oil ChemistshSociety</i> , 2012 , 89, 561-566	1.8	21
279	Highly selective fluorescent sensing of proteins based on a fluorescent molecularly imprinted nanosensor. <i>Sensors</i> , 2013 , 13, 12994-3004	3.8	21
278	Integrated SERS Platform for Reliable Detection and Photothermal Elimination of Bacteria in Whole Blood Samples. <i>Analytical Chemistry</i> , 2021 , 93, 1569-1577	7.8	21
277	Review of Research into the Determination of Acrylamide in Foods. <i>Foods</i> , 2020 , 9,	4.9	20
276	Spherical covalent organic frameworks as advanced adsorbents for preconcentration and separation of phenolic endocrine disruptors, followed by high performance liquid chromatography.. <i>RSC Advances</i> , 2018 , 8, 26880-26887	3.7	20
275	Tandem solid phase extraction coupled to LC-ESI-MS/MS for the accurate simultaneous determination of five heterocyclic aromatic amines in processed meat products. <i>European Food Research and Technology</i> , 2012 , 234, 197-205	3.4	20
274	Development and Validation of a Reproducible and Label-Free Surface Plasmon Resonance Immunosensor for Enrofloxacin Detection in Animal-Derived Foods. <i>Sensors</i> , 2017 , 17,	3.8	20
273	Highly sensitive and selective novel core-shell molecularly imprinted polymer based on NaYF ₄ : Yb ³⁺ , Er ³⁺ upconversion fluorescent nanorods. <i>RSC Advances</i> , 2013 , 3, 3825	3.7	20
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271	A novel cobalt doped MOF-based photocatalyst with great applicability as an efficient mediator of peroxydisulfate activation for enhanced degradation of organic pollutants. <i>New Journal of Chemistry</i> , 2020 , 44, 1245-1252	3.6	20
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129	Unbiased Immunization Strategy Yielding Specific Nanobodies against Macadamia Allergen of Vicilin-like Protein for Immunoassay Development. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 5178-5188	5.7	6
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