

Jin Mao

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,497
citations

236925

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265206

42
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all docs

44
docs citations

44
times ranked

3430
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry in food authentication and origin traceability. <i>Mass Spectrometry Reviews</i> , 2023, 42, 1772-1807.	5.4	16
2	Adulteration detection of essence in sesame oil based on headspace gas chromatography-ion mobility spectrometry. <i>Food Chemistry</i> , 2022, 370, 131373.	8.2	29
3	Superoxide anion and singlet oxygen dominated faster photocatalytic elimination of nitric oxide over defective bismuth molybdates heterojunctions. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 248-258.	9.4	4
4	Fullerenol Quantum Dots-Based Highly Sensitive Fluorescence Aptasensor for Patulin in Apple Juice. <i>Toxins</i> , 2022, 14, 272.	3.4	5
5	Efficient Prevention of <i>Aspergillus flavus</i> Spores Spread in Air Using Plasmonic Ag-AgCl/ Fe_2O_3 under Visible Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28021-28032.	8.0	10
6	Ultrasensitive biosensing platform based on luminescence quenching ability of fullerenol quantum dots. <i>RSC Advances</i> , 2021, 11, 19690-19694.	3.6	2
7	An innovative konjac glucomannan/ κ -carrageenan mixed tensile gel. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5067-5074.	3.5	11
8	Adsorptive removal of aflatoxin B1 from vegetable oils via novel adsorbents derived from a metal-organic framework. <i>Journal of Hazardous Materials</i> , 2021, 412, 125170.	12.4	51
9	Magnetic g-C ₃ N ₄ /NiFe ₂ O ₄ composite with enhanced activity on photocatalytic disinfection of <i>Aspergillus flavus</i> . <i>Chemical Engineering Journal</i> , 2021, 418, 129417.	12.7	40
10	Inhibition of <i>Aspergillus flavus</i> growth and aflatoxins production on peanuts over Fe_2O_3 nanorods under sunlight irradiation. <i>International Journal of Food Microbiology</i> , 2021, 353, 109296.	4.7	12
11	Control of Aflatoxigenic Molds by Antagonistic Microorganisms: Inhibitory Behaviors, Bioactive Compounds, Related Mechanisms, and Influencing Factors. <i>Toxins</i> , 2020, 12, 24.	3.4	47
12	Facile Preparation of Wormlike Graphitic Carbon Nitride for Photocatalytic Degradation of Ustiloxin A. <i>Nanomaterials</i> , 2020, 10, 2256.	4.1	2
13	Rapid authentication of sesame oil using ion mobility spectrometry and chemometrics. <i>Oil Crop Science</i> , 2020, 5, 161-165.	2.0	8
14	Detection of flaxseed oil multiple adulteration by near-infrared spectroscopy and nonlinear one class partial least squares discriminant analysis. <i>LWT - Food Science and Technology</i> , 2020, 125, 109247.	5.2	39
15	Identification and Validation of Metabolic Markers for Adulteration Detection of Edible Oils Using Metabolic Networks. <i>Metabolites</i> , 2020, 10, 85.	2.9	7
16	Comparative Metabolomic Analysis of Rapeseeds from Three Countries. <i>Metabolites</i> , 2019, 9, 161.	2.9	15
17	Insights into photocatalytic inactivation mechanism of the hypertoxic site in aflatoxin B1 over clew-like WO ₃ decorated with CdS nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 477-486.	20.2	67
18	Simultaneous determination of tocopherols, carotenoids and phytosterols in edible vegetable oil by ultrasound-assisted saponification, LLE and LC-MS/MS. <i>Food Chemistry</i> , 2019, 289, 313-319.	8.2	78

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19	Photocatalytic degradation of deoxynivalenol over dendritic-like γ -Fe ₂ O ₃ under visible light irradiation. <i>Toxins</i> , 2019, 11, 105.	3.4	39
20	Facile fabrication of nanosized graphitic carbon nitride sheets with efficient charge separation for mitigation of toxic pollutant. <i>Chemical Engineering Journal</i> , 2018, 342, 30-40.	12.7	47
21	A review of chemical composition and nutritional properties of minor vegetable oils in China. <i>Trends in Food Science and Technology</i> , 2018, 74, 26-32.	15.1	161
22	Geometric architecture design of ternary composites based on dispersive WO ₃ nanowires for enhanced visible-light-driven activity of refractory pollutant degradation. <i>Chemical Engineering Journal</i> , 2018, 334, 2568-2578.	12.7	34
23	Multispecies Adulteration Detection of Camellia Oil by Chemical Markers. <i>Molecules</i> , 2018, 23, 241.	3.8	21
24	Identification of Nutritional Components in Black Sesame Determined by Widely Targeted Metabolomics and Traditional Chinese Medicines. <i>Molecules</i> , 2018, 23, 1180.	3.8	87
25	Relational variable for more accurate prediction of models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 180, 84-87.	3.5	1
26	Targeted multivariate adulteration detection based on fatty acid profiles and Monte Carlo one-class partial least squares. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 169, 94-99.	3.5	18
27	Multivariate adulteration detection for sesame oil. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 161, 147-150.	3.5	28
28	Palladium Nanoparticles-Based Fluorescence Resonance Energy Transfer Aptasensor for Highly Sensitive Detection of Aflatoxin M1 in Milk. <i>Toxins</i> , 2017, 9, 318.	3.4	29
29	A Structure Identification and Toxicity Assessment of the Degradation Products of Aflatoxin B1 in Peanut Oil under UV Irradiation. <i>Toxins</i> , 2016, 8, 332.	3.4	106
30	Improvement on enhanced Monte-Carlo outlier detection method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016, 151, 89-94.	3.5	25
31	An enhanced Monte Carlo outlier detection method. <i>Journal of Computational Chemistry</i> , 2015, 36, 1902-1906.	3.3	5
32	One-class classification based authentication of peanut oils by fatty acid profiles. <i>RSC Advances</i> , 2015, 5, 85046-85051.	3.6	28
33	Pt-loading reverses the photocatalytic activity order of anatase TiO ₂ {001} and {010} facets for photoreduction of CO ₂ to CH ₄ . <i>Applied Catalysis B: Environmental</i> , 2014, 144, 855-862.	20.2	138
34	Opposite photocatalytic activity orders of low-index facets of anatase TiO ₂ for liquid phase dye degradation and gaseous phase CO ₂ photoreduction. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15675.	2.8	52
35	Recent advances in the photocatalytic CO ₂ reduction over semiconductors. <i>Catalysis Science and Technology</i> , 2013, 3, 2481.	4.1	250
36	Synthesis of anatase TiO ₂ nanocrystals with {101}, {001} or {010} single facets of 90% level exposure and liquid-phase photocatalytic reduction and oxidation activity orders. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10532.	10.3	147

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37	Synthesis of multicomponent sulfide $\text{Ag}_2\text{ZnSnS}_4$ as an efficient photocatalyst for H_2 production under visible light irradiation. RSC Advances, 2013, 3, 253-258.	3.6	45
38	Effect of graphitic carbon nitride microstructures on the activity and selectivity of photocatalytic CO_2 reduction under visible light. Catalysis Science and Technology, 2013, 3, 1253.	4.1	441
39	Selective methanol production from photocatalytic reduction of CO_2 on BiVO_4 under visible light irradiation. Catalysis Communications, 2012, 28, 38-41.	3.3	127
40	Walnut-like In_2S_3 microspheres: ionic liquid-assisted solvothermal synthesis, characterization and formation mechanism. Nanoscale, 2012, 4, 2372.	5.6	30
41	Visible-Light-Induced Photocatalytic Hydrogen Production over Binuclear Ru^{II} -Bipyridyl Dye-Sensitized TiO_2 without Noble Metal Loading. Chemistry - A European Journal, 2012, 18, 12103-12111.	3.3	87
42	Synthesis of floriated In_2S_3 decorated with TiO_2 nanoparticles for efficient photocatalytic hydrogen production under visible light. Journal of Materials Chemistry, 2011, 21, 14587.	6.7	105
43	Contribution of Tocopherols in Commonly Consumed Foods to Estimated Tocopherol Intake in the Chinese Diet. Frontiers in Nutrition, 0, 9, .	3.7	3