

Feifei Wei

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

918
citations

567281

15
h-index

642732

23
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all docs

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docs citations

27
times ranked

1117
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Roasting Process of Coffee Beans as Studied by Nuclear Magnetic Resonance: Time Course of Changes in Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1005-1012. | 5.2 | 130 |
| 2 | ¹³ C NMR-Based Metabolomics for the Classification of Green Coffee Beans According to Variety and Origin. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10118-10125. | 5.2 | 121 |
| 3 | Comprehensive NMR Analysis of Compositional Changes of Black Garlic during Thermal Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 683-691. | 5.2 | 89 |
| 4 | Complex mixture analysis of organic compounds in green coffee bean extract by two-dimensional NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 857-865. | 1.9 | 81 |
| 5 | A pilot study of NMR-based sensory prediction of roasted coffee bean extracts. <i>Food Chemistry</i> , 2014, 152, 363-369. | 8.2 | 64 |
| 6 | Metabolic Discrimination of Mango Juice from Various Cultivars by Band-Selective NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1158-1166. | 5.2 | 57 |
| 7 | Two-Dimensional ¹ H- ¹³ C Nuclear Magnetic Resonance (NMR)-Based Comprehensive Analysis of Roasted Coffee Bean Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9065-9073. | 5.2 | 53 |
| 8 | Pretreatment and Integrated Analysis of Spectral Data Reveal Seaweed Similarities Based on Chemical Diversity. <i>Analytical Chemistry</i> , 2015, 87, 2819-2826. | 6.5 | 39 |
| 9 | Chemical Changes in the Components of Coffee Beans during Roasting. , 2015, , 83-91. | | 33 |
| 10 | Transcriptome Analysis Uncovers a Growth-Promoting Activity of Orosomucoid-1 on Hepatocytes. <i>EBioMedicine</i> , 2017, 24, 257-266. | 6.1 | 24 |
| 11 | Application of Two-Dimensional Nuclear Magnetic Resonance for Signal Enhancement by Spectral Integration Using a Large Data Set of Metabolic Mixtures. <i>Analytical Chemistry</i> , 2016, 88, 6130-6134. | 6.5 | 23 |
| 12 | Systemic Homeostasis in Metabolome, Ionome, and Microbiome of Wild Yellowfin Goby in Estuarine Ecosystem. <i>Scientific Reports</i> , 2018, 8, 3478. | 3.3 | 23 |
| 13 | siRNA-mediated knockdown of aryl hydrocarbon receptor nuclear translocator 2 affects hypoxia-inducible factor-1 regulatory signaling and metabolism in human breast cancer cells. <i>FEBS Letters</i> , 2011, 585, 3310-3315. | 2.8 | 22 |
| 14 | NMR-Based Metabolic Profiling of Rice Wines by ² -Selective Total Correlation Spectra. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4818-4825. | 5.2 | 22 |
| 15 | The Effect of Acyclic Retinoid on the Metabolomic Profiles of Hepatocytes and Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e82860. | 2.5 | 22 |
| 16 | Use of NMR-Based Metabolomics To Chemically Characterize the Roasting Process of Chicory Root. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6459-6465. | 5.2 | 20 |
| 17 | Organic Compounds in Green Coffee Beans. , 2015, , 149-162. | | 17 |
| 18 | NMR-based analysis of the chemical composition of Japanese persimmon aqueous extracts. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 213-221. | 1.9 | 13 |

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|----|--|-----|-----------|
| 19 | Effect of low-dose thalidomide on dopaminergic neuronal differentiation of human neural progenitor cells: A combined study of metabolomics and morphological analysis. <i>NeuroToxicology</i> , 2012, 33, 1375-1380. | 3.0 | 12 |
| 20 | NMR-based metabolic profiling and comparison of Japanese persimmon cultivars. <i>Scientific Reports</i> , 2019, 9, 15011. | 3.3 | 11 |
| 21 | Fish ecotyping based on machine learning and inferred network analysis of chemical and physical properties. <i>Scientific Reports</i> , 2021, 11, 3766. | 3.3 | 10 |
| 22 | Inhibition of Ganglioside Synthesis Suppressed Liver Cancer Cell Proliferation through Targeting Kinetochore Metaphase Signaling. <i>Metabolites</i> , 2021, 11, 167. | 2.9 | 10 |
| 23 | <i>F</i> ₂ -selective two-dimensional NMR spectroscopy for the analysis of minor components in foods. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 710-716. | 1.9 | 9 |
| 24 | Large-Scale Evaluation of Major Soluble Macromolecular Components of Fish Muscle from a Conventional ¹ H-NMR Spectral Database. <i>Molecules</i> , 2020, 25, 1966. | 3.8 | 9 |
| 25 | Relaxometric learning: a pattern recognition method for T2 relaxation curves based on machine learning supported by an analytical framework. <i>BMC Chemistry</i> , 2021, 15, 13. | 3.8 | 4 |
| 26 | Comprehensive Analysis of Coffee Bean Extracts by NMR Spectroscopy: Time Course of Changes in Composition. <i>Special Publication - Royal Society of Chemistry</i> , 2013, , 183-192. | 0.0 | 0 |