

Xiaosong Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9027/publications.pdf>

Version: 2024-02-01

20
papers

383
citations

932766

10
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

520
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ultrasensitive electrochemical sensor for mercury ion detection based on molybdenum selenide and Au nanoparticles <i>via</i> thymineâ€“Hg ²⁺ â€“thymine coordination. <i>Analytical Methods</i> , 2022, 14, 278-285. | 1.3 | 5 |
| 2 | Highly sensitive analysis of low-molecular-mass aldehydes in beverages using a hydroxylamine reagent by high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5009-5022. | 1.9 | 2 |
| 3 | Determination of biogenic amines in alcoholic beverages using a novel fluorogenic compound as derivatizing reagent. <i>RSC Advances</i> , 2021, 11, 19541-19550. | 1.7 | 6 |
| 4 | A sandwich-type photoelectrochemical aptasensor using Au/BiVO ₄ and CdS quantum dots for carcinoembryonic antigen assay. <i>Analyst</i> , 2021, 146, 5904-5912. | 1.7 | 6 |
| 5 | The determination of trace free acid content in lithium-ion battery electrolytes by coulometric titration in non-aqueous media. <i>Analyst</i> , 2020, 145, 582-587. | 1.7 | 5 |
| 6 | Highly efficient electrochemical detection of lead ion using metal-organic framework and graphene as platform based on DNAzyme. <i>Synthetic Metals</i> , 2019, 254, 164-171. | 2.1 | 16 |
| 7 | Nitrone formation: A new strategy for the derivatization of aldehydes and its application on the determination of furfurals in foods by high performance liquid chromatography with fluorescence detection. <i>Talanta</i> , 2018, 178, 834-841. | 2.9 | 8 |
| 8 | Reductive oxyamination: a method for the qualitative and quantitative analysis of monosaccharides with a new aminoxy reagent using high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 79-89. | 1.9 | 9 |
| 9 | The synthesis of two long-chain N-hydroxy amino coumarin compounds and their applications in the analysis of aldehydes. <i>RSC Advances</i> , 2017, 7, 19707-19716. | 1.7 | 9 |
| 10 | Conformational Populations of β -(1 \rightarrow 4) <i>O</i> -Glycosidic Linkages Using Redundant NMR <i>J</i> -Couplings and Circular Statistics. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3042-3058. | 1.2 | 39 |
| 11 | Highly sensitive method for aldehydes detection: Application to furfurals analysis in raisin and bovine milk powder. <i>Analytica Chimica Acta</i> , 2017, 987, 47-55. | 2.6 | 19 |
| 12 | Nitrogen and sulfur co-doped carbon with three-dimensional ordered macroporosity: An efficient metal-free oxygen reduction catalyst derived from ionic liquid. <i>Journal of Power Sources</i> , 2016, 323, 90-96. | 4.0 | 47 |
| 13 | A Covalent Approach for Site-Specific RNA Labeling in Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4597-4602. | 7.2 | 69 |
| 14 | Informing Saccharide Structural NMR Studies with Density Functional Theory Calculations. <i>Methods in Molecular Biology</i> , 2015, 1273, 289-331. | 0.4 | 24 |
| 15 | A new synthetic protocol for coumarin amino acid. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 254-259. | 1.3 | 17 |
| 16 | Methyl [13C]Glucopyranosiduronic Acids: Effect of COOH Ionization and Exocyclic Structure on NMR Spin-Couplings. <i>Journal of Organic Chemistry</i> , 2012, 77, 9521-9534. | 1.7 | 9 |
| 17 | Methyl 2-acetamido-2-deoxy- β -D-glucopyranoside dihydrate and methyl 2-formamido-2-deoxy- β -D-glucopyranoside. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o146-o150. | 0.4 | 3 |
| 18 | Methyl 4- <i>O</i> - β -D-galactopyranosyl β -D-mannopyranoside methanol 0.375-solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, o67-o70. | 0.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Amide <i>Cis</i> ~ <i>Trans</i> Isomerization in Aqueous Solutions of Methyl <i>N</i> -Formyl- <i>D</i> -glucosaminides and Methyl <i>N</i> -Acetyl- <i>D</i> -glucosaminides: Chemical Equilibria and Exchange Kinetics. <i>Journal of the American Chemical Society</i> , 2010, 132, 4641-4652. | 6.6 | 38 |
| 20 | <i>N</i> -Acetyl Side-Chains in Saccharides: NMR <i>J</i> -Coupling Equations Sensitive to CH~NH and NH~CO Bond Conformations in 2-Acetamido-2-deoxy-aldohexopyranosyl Rings. <i>Journal of Organic Chemistry</i> , 2010, 75, 4899-4910. | 1.7 | 21 |