

Hongyu Tian

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,310
citations

361413

20
h-index

377865

34
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62
all docs

62
docs citations

62
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	The research progress of organic fluorescent probe applied in food and drinking water detection. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213557.	18.8	96
2	Rapidly Responsive and Highly Selective Fluorescent Probe for Bisulfite Detection in Food. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2883-2887.	5.2	76
3	Highly selective and rapidly responsive fluorescent probe for hydrogen sulfide detection in wine. <i>Food Chemistry</i> , 2018, 257, 150-154.	8.2	71
4	A novel coumarin-based fluorescent probe for sensitive detection of copper(II) in wine. <i>Food Chemistry</i> , 2019, 284, 23-27.	8.2	71
5	Synthesis of Nitriles from Primary Amides or Aldoximes under Conditions of a Catalytic Swern Oxidation. <i>Journal of Organic Chemistry</i> , 2018, 83, 12939-12944.	3.2	69
6	Analysis of volatile compounds in Chinese dry-cured hams by comprehensive two-dimensional gas chromatography with high-resolution time-of-flight mass spectrometry. <i>Meat Science</i> , 2018, 140, 14-25.	5.5	65
7	A novel reaction-based fluorescent probe for the detection of cysteine in milk and water samples. <i>Food Chemistry</i> , 2018, 262, 67-71.	8.2	56
8	A dual-site fluorescent probe for separate detection of hydrogen sulfide and bisulfite. <i>Dyes and Pigments</i> , 2019, 160, 757-764.	3.7	54
9	The recent advance of organic fluorescent probe rapid detection for common substances in beverages. <i>Food Chemistry</i> , 2021, 358, 129839.	8.2	53
10	A multiple-detection-point fluorescent probe for the rapid detection of mercury(II), hydrazine and hydrogen sulphide. <i>Dyes and Pigments</i> , 2020, 174, 108056.	3.7	40
11	Highly Sensitive Ratiometric Fluorescent Paper Sensors for the Detection of Fluoride Ions. <i>ACS Omega</i> , 2019, 4, 4918-4926.	3.5	37
12	A dual-function fluorescent probe for discriminative detection of hydrogen sulfide and hydrazine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 36-42.	3.9	37
13	A rapid and visible colorimetric fluorescent probe for benzenethiol flavor detection. <i>Food Chemistry</i> , 2019, 286, 322-328.	8.2	34
14	A Novel Fluorescent Probe for Detecting Hydrogen Sulfide in Wine. <i>Food Analytical Methods</i> , 2018, 11, 1398-1404.	2.6	30
15	Thymoquinone Inhibits Biofilm Formation and Attachment-Invasion in Host Cells of <i>Vibrio parahaemolyticus</i> . <i>Foodborne Pathogens and Disease</i> , 2019, 16, 671-678.	1.8	30
16	A Fluorescent Probe for Sensitive Detection of Hydrazine and Its Application in Red Wine and Water. <i>Analytical Sciences</i> , 2018, 34, 329-333.	1.6	29
17	A Visible Colorimetric Fluorescent Probe for Hydrogen Sulfide Detection in Wine. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-8.	1.6	29
18	A Reaction-Based Novel Fluorescent Probe for Detection of Hydrogen Sulfide and Its Application in Wine. <i>Journal of Food Science</i> , 2018, 83, 108-112.	3.1	27

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19	Effects of mixed starter cultures and exogenous L-Lys on the physiochemical and sensory properties of rapid-fermented fish paste using longsnout catfish by-products. <i>LWT - Food Science and Technology</i> , 2019, 108, 21-30.	5.2	27
20	A Highly Selective and Colorimetric Fluorescent Probe for Hydrazine Detection in Water Samples. <i>Analytical Sciences</i> , 2018, 34, 1297-1302.	1.6	24
21	Effect of Partial Substitutes of NaCl on the Cold-Set Gelation of Grass Carp Myofibrillar Protein Mediated by Microbial Transglutaminase. <i>Food and Bioprocess Technology</i> , 2018, 11, 1876-1886.	4.7	20
22	A Highly Efficient Method for the Bromination of Alkenes, Alkynes and Ketones Using Dimethyl Sulfoxide and Oxalyl Bromide. <i>Synthesis</i> , 2018, 50, 4325-4335.	2.3	20
23	Dual-Function Fluorescent Probe for Detection of Hydrogen Sulfide and Water Content in Dimethyl Sulfoxide. <i>ACS Omega</i> , 2019, 4, 10695-10701.	3.5	20
24	One-pot synthesis of (âˆ)—Ambrox. <i>Scientific Reports</i> , 2016, 6, 32650.	3.3	19
25	A Novel Method for the Chlorolactonization of Alkenoic Acids Using Diphenyl Sulfoxide/Oxalyl Chloride. <i>Synthesis</i> , 2018, 50, 2555-2566.	2.3	18
26	Preparation and aroma analysis of Chinese traditional fermented flour paste. <i>Food Science and Biotechnology</i> , 2014, 23, 49-58.	2.6	17
27	Novel fluorescent probe for the ratiometric detection of Î²-galactosidase and its application in fruit. <i>Food Chemistry</i> , 2020, 328, 127112.	8.2	16
28	A Facile Method for the Sulfenyllactonization of Alkenoic Acids Using Dimethyl Sulfoxide Activated by Oxalyl Chloride. <i>Synthesis</i> , 2017, 49, 1380-1386.	2.3	14
29	Dimethyl sulfoxide/oxalyl chloride: A useful reagent for sulfenyletherification. <i>Synthetic Communications</i> , 2018, 48, 2773-2781.	2.1	14
30	A facile sulfenylchlorination of alkenes with Me ₂ SO/(COCl) ₂ . <i>Synthetic Communications</i> , 2019, 49, 539-549.	2.1	13
31	Convenient Preparation of <i>N</i> -Acylbenzoxazines from Phenols, Nitriles, and DMSO Initiated by a Catalytic Amount of (COCl) ₂ . <i>Journal of Organic Chemistry</i> , 2021, 86, 4932-4943.	3.2	13
32	A colourimetric fluorescent probe for the sensitive detection of total iron in wine. <i>Food Chemistry</i> , 2022, 383, 132594.	8.2	13
33	A Natural Light Visible Colorimetric Responses Fluorescent Probe for Hydrazine Detection. <i>Analytical Sciences</i> , 2020, 36, 323-327.	1.6	11
34	Enantioselective Syntheses and Sensory Properties of 2-Methyl-tetrahydrofuran-3-thiol Acetates. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 464-468.	5.2	10
35	Synthesis of butenolides by reactions of α -alkenoic acids with diphenyl sulfoxide/oxalyl chloride. <i>Flavour and Fragrance Journal</i> , 2018, 33, 397-404.	2.6	10
36	Isolation and identification of antibiotic albaflavenone from <i>Dictyophora indusiata</i> (<i>Vent.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	9

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37	Selective catalytic dehydration of furfuryl alcohol to 2, 2- α -difurfuryl ether using a polyoxometalate catalyst. <i>Scientific Reports</i> , 2017, 7, 12954.	3.3	9
38	Enantioselective syntheses and sensory properties of 2-alkenolides. <i>Flavour and Fragrance Journal</i> , 2018, 33, 166-172.	2.6	9
39	The oxysulfenylation of alkenes with dimethyl sulfoxide/oxalyl chloride. <i>Synthetic Communications</i> , 2019, 49, 2662-2670.	2.1	9
40	Viscoelastic and Functional Properties of Cod-Bone Gelatin in the Presence of Xylitol and Stevioside. <i>Frontiers in Chemistry</i> , 2018, 6, 111.	3.6	8
41	A fluorescent probe for colorimetric detection of bisulfite and application in sugar and red wine. <i>Food Science and Biotechnology</i> , 2019, 28, 983-990.	2.6	8
42	A novel practical preparation of methyl methanethiosulfonate from dimethyl sulfoxide initiated by a catalytic amount of (COCl) ₂ or anhydrous HCl. <i>Journal of Sulfur Chemistry</i> , 2021, 42, 604-613.	2.0	8
43	Discriminative detection of mercury (II) and hydrazine using a dual-function fluorescent probe. <i>Luminescence</i> , 2020, 35, 754-762.	2.9	8
44	Dichlorination of olefins with diphenyl sulfoxide/oxalyl chloride. <i>Synthetic Communications</i> , 2020, 50, 2319-2330.	2.1	7
45	Preparation and odour properties of the four stereoisomers of 2-hexyl-4-acetoxytetrahydrofuran. <i>Flavour and Fragrance Journal</i> , 2014, 29, 249-254.	2.6	6
46	Preparation and odor characteristics of nitriles derived from aldehydes. <i>Flavour and Fragrance Journal</i> , 2020, 35, 425-434.	2.6	6
47	A Convenient Method for α -Chlorination of 1,3-Diketones and β -Keto Esters with DMSO or Ph ₂ SO(COCl) ₂ . <i>ChemistrySelect</i> , 2021, 6, 10883-10888.	1.5	6
48	Application of a luminous intensity variation fluorescent probe for the detection of ferric ions. <i>Luminescence</i> , 2022, 37, 803-809.	2.9	6
49	Synthesis and Application of a Naphthol-Based Fluorescent Probe for Mercury(II) Detection. <i>ChemistrySelect</i> , 2020, 5, 1683-1687.	1.5	5
50	Preparation and Odour Properties of (S)-3-Mercapto-1-Heptyl Acetate. <i>Journal of Chemical Research</i> , 2014, 38, 343-346.	1.3	4
51	A facile synthesis of β -butenolides via cyclization of 3-alkenoic acids with dimethyl sulfoxide and oxalyl bromide. <i>Synthetic Communications</i> , 2019, , 1-7.	2.1	3
52	Preparation and odor characteristics of methylthiomethyl carboxylates. <i>Flavour and Fragrance Journal</i> , 2020, 35, 302-308.	2.6	3
53	A straightforward synthesis of methylenebisamides from amides and DMSO with a substoichiometric amount of (COCl) ₂ . <i>Journal of Molecular Structure</i> , 2022, 1263, 133184.	3.6	3
54	A Fortuitously Straightforward Synthesis of 4-Acetoxy-2-Propyltetrahydrothiophene. <i>Journal of Chemical Research</i> , 2015, 39, 724-726.	1.3	2

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55	Preparation of 3-Methylthiodecanal, a Flavour Compound. <i>Journal of Chemical Research</i> , 2015, 39, 731-733.	1.3	2
56	Enantioselective synthesis and sensory properties of 3-methylthiodecanal. <i>Flavour and Fragrance Journal</i> , 2017, 32, 165-170.	2.6	2
57	Identification of an unusual by-product in the industrial production of 2-Methyl-3-furanthiol. <i>Flavour and Fragrance Journal</i> , 2017, 32, 484-489.	2.6	2
58	Isolation and identification of oxacyclopentadecanone from the dried fruiting body of <i>Dictyophora echinvolvata</i> Zang, Zheng et Hu. <i>Flavour and Fragrance Journal</i> , 2012, 27, 75-76.	2.6	1
59	A Fluorescent Probe for The Visible Colorimetric Detection of Tyrosinase. <i>ChemistrySelect</i> , 2021, 6, 9046-9051.	1.5	1
60	Characterisation of a By-Product Formed in the Industrial Production of 3-Nonalactone. <i>Journal of Chemical Research</i> , 2016, 40, 141-143.	1.3	0
61	A novel phenylsulfenylation of unsaturated acids or alcohols by methyl phenyl sulfoxide and substoichiometric (COCl) ₂ . <i>Tetrahedron</i> , 2022, 105, 132615.	1.9	0