

Cheng Yang

List of Publications by Year in descending order

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67
papers

1,724
citations

279701

23
h-index

302012

39
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69
all docs

69
docs citations

69
times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in covalent organic frameworks in separation science. <i>Journal of Chromatography A</i> , 2018, 1542, 1-18.	1.8	213
2	<i>In situ</i> room-temperature fabrication of a covalent organic framework and its bonded fiber for solid-phase microextraction of polychlorinated biphenyls in aquatic products. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13249-13255.	5.2	94
3	Facile magnetization of covalent organic framework for solid-phase extraction of 15 phthalate esters in beverage samples. <i>Talanta</i> , 2020, 206, 120194.	2.9	81
4	Bioaccessibility, cellular uptake and transport of luteins and assessment of their antioxidant activities. <i>Food Chemistry</i> , 2018, 249, 66-76.	4.2	71
5	Rapid and Efficient Conversion of All- <i>E</i> -astaxanthin to 9- <i>Z</i> - and 13- <i>Z</i> -Isomers and Assessment of Their Stability and Antioxidant Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 818-826.	2.4	70
6	Anti-Inflammatory Effects of Different Astaxanthin Isomers and the Roles of Lipid Transporters in the Cellular Transport of Astaxanthin Isomers in Caco-2 Cell Monolayers. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6222-6231.	2.4	69
7	Covalent immobilization of covalent organic framework on stainless steel wire for solid-phase microextraction GC-MS/MS determination of sixteen polycyclic aromatic hydrocarbons in grilled meat samples. <i>Talanta</i> , 2019, 201, 413-418.	2.9	68
8	Layer-by-layer preparation of 3D covalent organic framework/silica composites for chromatographic separation of position isomers. <i>Chemical Communications</i> , 2018, 54, 11765-11768.	2.2	67
9	Collaborative compounding of metal-organic frameworks for dispersive solid-phase extraction HPLC-MS/MS determination of tetracyclines in honey. <i>Food Chemistry</i> , 2021, 355, 129411.	4.2	58
10	In situ growth of covalent organic framework on titanium fiber for headspace solid-phase microextraction of 11 phthalate esters in vegetables. <i>Food Chemistry</i> , 2020, 318, 126507.	4.2	49
11	Dynamic vibration absorbers for vibration control within a frequency band. <i>Journal of Sound and Vibration</i> , 2011, 330, 1582-1598.	2.1	45
12	<i>p</i> -Bromophenol-Enhanced Bioluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B ₁ . <i>Analytical Chemistry</i> , 2019, 91, 13191-13197.	3.2	41
13	Absorption of oblique incidence sound by a finite micro-perforated panel absorber. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 201-209.	0.5	39
14	Sound absorption of microperforated panels inside compact acoustic enclosures. <i>Journal of Sound and Vibration</i> , 2016, 360, 140-155.	2.1	38
15	Myeloid-derived suppressor cells in transplantation: the dawn of cell therapy. <i>Journal of Translational Medicine</i> , 2018, 16, 19.	1.8	37
16	Thiol-click synthesis of chiral covalent organic frameworks for gas chromatography. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21151-21157.	5.2	35
17	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , 2021, 93, 2589-2595.	3.2	33
18	Molecular Mechanisms Underlying the Absorption of Aglycone and Glycosidic Flavonoids in a Caco-2 BB ₁ Cell Model. <i>ACS Omega</i> , 2020, 5, 10782-10793.	1.6	31

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19	Dual-modal aptasensor for the detection of isocarbophos in vegetables. <i>Talanta</i> , 2019, 205, 120094.	2.9	29
20	Reducing interior noise in a cylinder using micro-perforated panels. <i>Applied Acoustics</i> , 2015, 95, 50-56.	1.7	28
21	Room-temperature preparation of a chiral covalent organic framework for the selective adsorption of amino acid enantiomers. <i>RSC Advances</i> , 2020, 10, 15383-15386.	1.7	26
22	A mechanism study of sound wave-trapping barriers. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 1960-1969.	0.5	25
23	Functionalized gold and persistent luminescence nanoparticle-based ratiometric absorption and TR-FRET nanoplatfrom for high-throughput sequential detection of cysteine and insulin. <i>Nanoscale</i> , 2018, 10, 14931-14937.	2.8	25
24	Discrepant mRNA and Protein Expression in Immune Cells. <i>Current Genomics</i> , 2020, 21, 560-563.	0.7	23
25	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , 2020, 218, 121101.	2.9	22
26	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B1 and zearalenone. <i>Talanta</i> , 2021, 232, 122395.	2.9	22
27	Three-Dimensional Nanoporous Covalent Organic Framework-Incorporated Monolithic Columns for High-Performance Liquid Chromatography. <i>ACS Applied Nano Materials</i> , 2021, 4, 5437-5443.	2.4	19
28	Prediction of renal allograft chronic rejection using a model based on contrast-enhanced ultrasonography. <i>Microcirculation</i> , 2019, 26, e12544.	1.0	18
29	Dual-band piezoelectric acoustic energy harvesting by structural and local resonances of Helmholtz metamaterial. <i>Nano Energy</i> , 2021, 90, 106523.	8.2	18
30	Effects of Temperature and Host Concentration on the Supramolecular Enantiodifferentiating [4 + 4] Photodimerization of 2-Anthracenecarboxylate through Triplet-Triplet Annihilation Catalyzed by Pt-Modified Cyclodextrins. <i>Molecules</i> , 2019, 24, 1502.	1.7	17
31	Determination of Benzo[a]pyrene in Roast Meat by In Situ Growth of Covalent Organic Framework on Titanium Wire for Solid-Phase Microextraction Coupled with GC-FID. <i>Food Analytical Methods</i> , 2020, 13, 1938-1946.	1.3	17
32	Highly efficient trans-cis isomerization of lycopene catalyzed by iodine-doped TiO ₂ nanoparticles. <i>RSC Advances</i> , 2016, 6, 1885-1893.	1.7	16
33	On modeling the sound propagation through a lined duct with a modified Ingard-Myers boundary condition. <i>Journal of Sound and Vibration</i> , 2018, 424, 173-191.	2.1	16
34	Visual-afterglow dual-mode immunochromatographic strip for 17 β -estradiol detection in milk. <i>Talanta</i> , 2021, 232, 122427.	2.9	16
35	Advances in Chirality Sensing with Macrocyclic Molecules. <i>Chemosensors</i> , 2021, 9, 279.	1.8	16
36	Resolution and Racemization of a Planar-Chiral A1/A2-Disubstituted Pillar[5]arene. <i>Symmetry</i> , 2019, 11, 773.	1.1	15

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37	Preparation of 9 <i>Z</i> - β -Carotene and 9 <i>Z</i> - β -Carotene High-Loaded Nanostructured Lipid Carriers: Characterization and Storage Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13844-13853.	2.4	15
38	Dispersive solid-phase extraction using the metal-organic framework MIL-101(Cr) for determination of benzo(a)pyrene in edible oil. <i>Analytical Methods</i> , 2019, 11, 3467-3473.	1.3	14
39	NIR persistent luminescence nanoparticles based turn-on aptasensor for autofluorescence-free determination of 17 β -estradiol in milk. <i>Food Chemistry</i> , 2022, 373, 131432.	4.2	14
40	Hydroxyl-functionalized three-dimensional covalent organic framework for selective and rapid extraction of organophosphorus pesticides. <i>Journal of Chromatography A</i> , 2022, 1673, 463071.	1.8	14
41	A Stable Quaternized Chitosan-Black Phosphorus Nanocomposite for Synergetic Disinfection of Antibiotic-Resistant Pathogens. <i>ACS Applied Bio Materials</i> , 2021, 4, 4821-4832.	2.3	13
42	Chiral covalent organic framework-monolith as stationary phase for high-performance liquid chromatographic enantioseparation of selected amino acids. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5255-5262.	1.9	12
43	Suppression of bending waves in a beam using resonators with different separation lengths. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 2361-2371.	0.5	11
44	Towards high throughput and high information coverage: advanced single-cell mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 219-233.	1.9	10
45	Investigation of Extended-Tube Liners for Control of Low-Frequency Duct Noise. <i>AIAA Journal</i> , 2021, 59, 4179-4194.	1.5	9
46	Post-modification of covalent organic framework for gas chromatographic separation of isomers. <i>Journal of Chromatography A</i> , 2022, 1673, 463085.	1.8	9
47	A study of the sound transmission mechanisms of a finite thickness opening without or with an acoustic seal. <i>Applied Acoustics</i> , 2017, 122, 156-166.	1.7	8
48	Effects of E/Z isomers of lycopene on experimental prostatic hyperplasia in mice. <i>F\ddot{A}-totera\ddot{A}-$\ddot{A}$$\ddot{c}$</i> , 2014, 99, 211-217.	1.1	7
49	Carotenoid composition and antioxidant activities of Chinese orange-colored tomato cultivars and the effects of thermal processing on the bioactive components. <i>Journal of Food Science</i> , 2021, 86, 1751-1765.	1.5	7
50	Angiotensin-Converting Enzyme (ACE) Inhibitory Activity and Mechanism Analysis of <i>N</i> -(1- <i>D</i> -xyloxy- <i>D</i> -fructos-1-yl)-histidine (Fru-His), a Food-Derived Amadori Compound. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2179-2186.	2.4	7
51	Urea-linked covalent organic framework functionalized polytetrafluoroethylene film for selective and rapid thin film microextraction of rhodamine B. <i>Journal of Chromatography A</i> , 2022, 1673, 463133.	1.8	7
52	Effect of physical and thermal processing upon benzylglucosinolate content in tubers of the <i>B</i> -rassicaceae maca (<i>L</i> -epidium meyenii) using a novel rapid analytical technique. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2443-2450.	1.3	6
53	An experimental investigation on the acoustic properties of micro-perforated panels in a grazing flow. <i>Applied Acoustics</i> , 2020, 159, 107119.	1.7	6
54	CHBP induces stronger immunosuppressive CD127+ M-MDSC via erythropoietin receptor. <i>Cell Death and Disease</i> , 2021, 12, 177.	2.7	6

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55	Chiroptical Sensing of Amino Acid Derivatives by Host-Guest Complexation with Cyclo[6]aramide. <i>Molecules</i> , 2021, 26, 4064.	1.7	6
56	Prediction of noise inside an acoustic cavity of elongated shape using statistical energy analyses with spatial decay consideration. <i>Applied Acoustics</i> , 2016, 113, 34-38.	1.7	5
57	On the realization of acoustic attenuation using a microperforated panel alone. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 1102-1105.	0.5	5
58	Sulfur-Containing Compounds: Natural Potential Catalyst for the Isomerization of Phytofluene, Phytoene and Lycopenene in Tomato Pulp. <i>Foods</i> , 2021, 10, 1444.	1.9	5
59	Effects of the backing cavity on the acoustic absorption of a microperforated panel absorber. <i>Applied Acoustics</i> , 2020, 166, 107361.	1.7	4
60	Extended tube acoustic metamaterial: Its modeling and application to a kitchen hood. <i>Applied Acoustics</i> , 2022, 185, 108398.	1.7	4
61	Identification and confirmation of key compounds causing cooked off-flavor in heat-treated tomato juice. <i>Journal of Food Science</i> , 2022, 87, 2515-2526.	1.5	4
62	Nanothorn Filter-Facilitated Online Cell Lysis for Rapid and Deep Intracellular Profiling by Single-Cell Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 15677-15686.	3.2	3
63	Enzymatic synthesis of mannitol dioctanoate and its utilisation in the preparation of structured edible oil. <i>International Journal of Food Science and Technology</i> , 2016, 51, 588-594.	1.3	2
64	Effect of source direction on liner impedance reduction with consideration of shear flow. <i>Applied Acoustics</i> , 2021, 183, 108297.	1.7	2
65	Application of the patch transfer function method for predicting flow-induced cavity oscillations. <i>Journal of Sound and Vibration</i> , 2022, 521, 116678.	2.1	2
66	Microperforates for acoustic noise control applications. , 2015, , .		0
67	A mathematical formulation for the optimal impedance of a curved axial microperforated panel in a duct bend. <i>JASA Express Letters</i> , 2021, 1, 081601.	0.5	0