

Cheng Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

936

citations

17

h-index

29

g-index

69

ext. papers

1,315

ext. citations

5.1

avg, IF

5.04

L-index

#	Paper	IF	Citations
62	Application of the patch transfer function method for predicting flow-induced cavity oscillations. <i>Journal of Sound and Vibration</i> , 2022 , 521, 116678	3.9	0
61	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	8.5	2
60	Extended tube acoustic metamaterial: Its modeling and application to a kitchen hood. <i>Applied Acoustics</i> , 2022 , 185, 108398	3.1	0
59	Hydroxyl-functionalized three-dimensional covalent organic framework for selective and rapid extraction of organophosphorus pesticides.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463071	4.5	0
58	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	4.5	0
57	Post-modification of covalent organic framework for gas chromatographic separation of isomers.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463085	4.5	0
56	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	7.8	0
55	Three-Dimensional Nanoporous Covalent Organic Framework-Incorporated Monolithic Columns for High-Performance Liquid Chromatography. <i>ACS Applied Nano Materials</i> , 2021 , 4, 5437-5443	5.6	1
54	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	7.4	3
53	A Stable Quaternized Chitosan-Black Phosphorus Nanocomposite for Synergetic Disinfection of Antibiotic-Resistant Pathogens.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4821-4832	4.1	1
52	Thiol-ene click synthesis of chiral covalent organic frameworks for gas chromatography. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 21151-21157	13	4
51	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , 2021 , 93, 2589-2595	7.8	10
50	CHBP induces stronger immunosuppressive CD127 M-MDSC via erythropoietin receptor. <i>Cell Death and Disease</i> , 2021 , 12, 177	9.8	4
49	Chiral covalent organic framework-monolith as stationary phase for high-performance liquid chromatographic enantioseparation of selected amino acids. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	1
48	Towards high throughput and high information coverage: advanced single-cell mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	1
47	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		
46	Visual-afterglow dual-mode immunochromatographic strip for 17 β -estradiol detection in milk. <i>Talanta</i> , 2021 , 232, 122427	6.2	4

45	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B and zearalenone. <i>Talanta</i> , 2021 , 232, 122395	6.2	2
44	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	8.5	12
43	Advances in Chirality Sensing with Macrocyclic Molecules. <i>Chemosensors</i> , 2021 , 9, 279	4	1
42	Dual-band piezoelectric acoustic energy harvesting by structural and local resonances of Helmholtz metamaterial. <i>Nano Energy</i> , 2021 , 90, 106523	17.1	4
41	Effect of source direction on liner impedance eduction with consideration of shear flow. <i>Applied Acoustics</i> , 2021 , 183, 108297	3.1	2
40	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , 2020 , 218, 121101	6.2	11
39	Molecular Mechanisms Underlying the Absorption of Aglycone and Glycosidic Flavonoids in a Caco-2 BBe1 Cell Model. <i>ACS Omega</i> , 2020 , 5, 10782-10793	3.9	13
38	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	3.4	7
37	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	8.5	25
36	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	3.7	13
35	Effects of the backing cavity on the acoustic absorption of a microperforated panel absorber. <i>Applied Acoustics</i> , 2020 , 166, 107361	3.1	2
34	Discrepant mRNA and Protein Expression in Immune Cells. <i>Current Genomics</i> , 2020 , 21, 560-563	2.6	3
33	An experimental investigation on the acoustic properties of micro-perforated panels in a grazing flow. <i>Applied Acoustics</i> , 2020 , 159, 107119	3.1	2
32	Preparation of 9- β -Carotene and 9- β -Carotene High-Loaded Nanostructured Lipid Carriers: Characterization and Storage Stability. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13844-13853	5.7	4
31	Facile magnetization of covalent organic framework for solid-phase extraction of 15 phthalate esters in beverage samples. <i>Talanta</i> , 2020 , 206, 120194	6.2	48
30	-Bromophenol-Enhanced Bienzymatic Chemiluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B. <i>Analytical Chemistry</i> , 2019 , 91, 13191-13197	7.8	25
29	Resolution and Racemization of a Planar-Chiral A1/A2-Disubstituted Pillar[5]arene. <i>Symmetry</i> , 2019 , 11, 773	2.7	10
28	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	5.7	39

27	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,	4.8	11
26	In situ 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	13	56
25	Prediction of renal allograft chronic rejection using a model based on contrast-enhanced ultrasonography. <i>Microcirculation</i> , 2019 , 26, e12544	2.9	10
24	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	6.2	43
23	Dual-modal aptasensor for the detection of isocarbophos in vegetables. <i>Talanta</i> , 2019 , 205, 120094	6.2	17
22	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	3.2	10
21	On the realization of acoustic attenuation using a microperforated panel alone. <i>Journal of the Acoustical Society of America</i> , 2018 , 143, 1102	2.2	4
20	Advances in covalent organic frameworks in separation science. <i>Journal of Chromatography A</i> , 2018 , 1542, 1-18	4.5	150
19	Bioaccessibility, cellular uptake and transport of luteins and assessment of their antioxidant activities. <i>Food Chemistry</i> , 2018 , 249, 66-76	8.5	48
18	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	3.9	11
17	Functionalized gold and persistent luminescence nanoparticle-based ratiometric absorption and TR-FRET nanoplatfrom for high-throughput sequential detection of L-cysteine and insulin. <i>Nanoscale</i> , 2018 , 10, 14931-14937	7.7	16
16	Myeloid-derived suppressor cells in transplantation: the dawn of cell therapy. <i>Journal of Translational Medicine</i> , 2018 , 16, 19	8.5	23
15	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	5.8	44
14	Rapid and Efficient Conversion of All-E-astaxanthin to 9Z- and 13Z-Isomers and Assessment of Their Stability and Antioxidant Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 818-826	5.7	53
13	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	3.1	2
12	Sound absorption of microperforated panels inside compact acoustic enclosures. <i>Journal of Sound and Vibration</i> , 2016 , 360, 140-155	3.9	30
11	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	3.1	3
10	Highly efficient trans E isomerization of lycopene catalyzed by iodine-doped TiO ₂ nanoparticles. <i>RSC Advances</i> , 2016 , 6, 1885-1893	3.7	16

9	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	3.8	2
8	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	2.2	9
7	Reducing interior noise in a cylinder using micro-perforated panels. <i>Applied Acoustics</i> , 2015 , 95, 50-56	3.1	26
6	Effect of physical and thermal processing upon benzylglucosinolate content in tubers of the Brassicaceae maca (<i>Lepidium meyenii</i>) using a novel rapid analytical technique. <i>International Journal of Food Science and Technology</i> , 2015 , 50, 2443-2450	3.8	6
5	Effects of E/Z isomers of lycopene on experimental prostatic hyperplasia in mice. <i>Phytotherapy</i> , 2014 , 99, 211-7	3.2	5
4	Absorption of oblique incidence sound by a finite micro-perforated panel absorber. <i>Journal of the Acoustical Society of America</i> , 2013 , 133, 201-9	2.2	30
3	A mechanism study of sound wave-trapping barriers. <i>Journal of the Acoustical Society of America</i> , 2013 , 134, 1960-9	2.2	21
2	Dynamic vibration absorbers for vibration control within a frequency band. <i>Journal of Sound and Vibration</i> , 2011 , 330, 1582-1598	3.9	31
1	Investigation of Extended-Tube Liners for Control of Low-Frequency Duct Noise. <i>AIAA Journal</i> , 1-16	2.1	3