

# Cheng Yang

## List of Publications by Citations

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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 | Advances in covalent organic frameworks in separation science. <i>Journal of Chromatography A</i> , <b>2018</b> , 1542, 1-18   | 4.5 | 150       |
| 61 | 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> , <b>2019</b> , 7, 13249-13255         | 13  | 56        |
| 60 | 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> , <b>2017</b> , 65, 818-826                                     | 5.7 | 53        |
| 59 | Bioaccessibility, cellular uptake and transport of luteins and assessment of their antioxidant activities. <i>Food Chemistry</i> , <b>2018</b> , 249, 66-76  | 8.5 | 48        |
| 58 | Facile magnetization of covalent organic framework for solid-phase extraction of 15 phthalate esters in beverage samples. <i>Talanta</i> , <b>2020</b> , 206, 120194   | 6.2 | 48        |
| 57 | Layer-by-layer preparation of 3D covalent organic framework/silica composites for chromatographic separation of position isomers. <i>Chemical Communications</i> , <b>2018</b> , 54, 11765-11768   | 5.8 | 44        |
| 56 | 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> , <b>2019</b> , 201, 413-418      | 6.2 | 43        |
| 55 | 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> , <b>2019</b> , 67, 6222-6231 | 5.7 | 39        |
| 54 | Dynamic vibration absorbers for vibration control within a frequency band. <i>Journal of Sound and Vibration</i> , <b>2011</b> , 330, 1582-1598  | 3.9 | 31        |
| 53 | Sound absorption of microperforated panels inside compact acoustic enclosures. <i>Journal of Sound and Vibration</i> , <b>2016</b> , 360, 140-155  | 3.9 | 30        |
| 52 | Absorption of oblique incidence sound by a finite micro-perforated panel absorber. <i>Journal of the Acoustical Society of America</i> , <b>2013</b> , 133, 201-9  | 2.2 | 30        |
| 51 | Reducing interior noise in a cylinder using micro-perforated panels. <i>Applied Acoustics</i> , <b>2015</b> , 95, 50-56  | 3.1 | 26        |
| 50 | -Bromophenol-Enhanced Bioluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13191-13197   | 7.8 | 25        |
| 49 | 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> , <b>2020</b> , 318, 126507   | 8.5 | 25        |
| 48 | Myeloid-derived suppressor cells in transplantation: the dawn of cell therapy. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 19   | 8.5 | 23        |
| 47 | A mechanism study of sound wave-trapping barriers. <i>Journal of the Acoustical Society of America</i> , <b>2013</b> , 134, 1960-9   | 2.2 | 21        |
| 46 | Dual-modal aptasensor for the detection of isocarbophos in vegetables. <i>Talanta</i> , <b>2019</b> , 205, 120094  | 6.2 | 17        |

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|----|---|-----|----|
| 45 | Highly efficient trans $\beta$ isomerization of lycopene catalyzed by iodine-doped TiO <sub>2</sub> nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 1885-1893   | 3.7 | 16 |
| 44 | Functionalized gold and persistent luminescence nanoparticle-based ratiometric absorption and TR-FRET nanoplatform for high-throughput sequential detection of l-cysteine and insulin. <i>Nanoscale</i> , <b>2018</b> , 10, 14931-14937                                       | 7.7 | 16 |
| 43 | Molecular Mechanisms Underlying the Absorption of Aglycone and Glycosidic Flavonoids in a Caco-2 BBe1 Cell Model. <i>ACS Omega</i> , <b>2020</b> , 5, 10782-10793   | 3.9 | 13 |
| 42 | Room-temperature preparation of a chiral covalent organic framework for the selective adsorption of amino acid enantiomers.. <i>RSC Advances</i> , <b>2020</b> , 10, 15383-15386  | 3.7 | 13 |
| 41 | Collaborative compounding of metal-organic frameworks for dispersive solid-phase extraction HPLC-MS/MS determination of tetracyclines in honey. <i>Food Chemistry</i> , <b>2021</b> , 355, 129411   | 8.5 | 12 |
| 40 | 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> , <b>2019</b> , 24,             | 4.8 | 11 |
| 39 | Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , <b>2020</b> , 218, 121101  | 6.2 | 11 |
| 38 | On modeling the sound propagation through a lined duct with a modified Ingard-Myers boundary condition. <i>Journal of Sound and Vibration</i> , <b>2018</b> , 424, 173-191  | 3.9 | 11 |
| 37 | Resolution and Racemization of a Planar-Chiral A1/A2-Disubstituted Pillar[5]arene. <i>Symmetry</i> , <b>2019</b> , 11, 773  | 2.7 | 10 |
| 36 | Prediction of renal allograft chronic rejection using a model based on contrast-enhanced ultrasonography. <i>Microcirculation</i> , <b>2019</b> , 26, e12544  | 2.9 | 10 |
| 35 | 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> , <b>2019</b> , 11, 3467-3473  | 3.2 | 10 |
| 34 | Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2589-2595  | 7.8 | 10 |
| 33 | Suppression of bending waves in a beam using resonators with different separation lengths. <i>Journal of the Acoustical Society of America</i> , <b>2016</b> , 139, 2361  | 2.2 | 9  |
| 32 | 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> , <b>2020</b> , 13, 1938-1946  | 3.4 | 7  |
| 31 | 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> , <b>2015</b> , 50, 2443-2450 | 3.8 | 6  |
| 30 | Effects of E/Z isomers of lycopene on experimental prostatic hyperplasia in mice. <i>Phytotherapy</i> , <b>2014</b> , 99, 211-7   | 3.2 | 5  |
| 29 | On the realization of acoustic attenuation using a microperforated panel alone. <i>Journal of the Acoustical Society of America</i> , <b>2018</b> , 143, 1102   | 2.2 | 4  |
| 28 | Preparation of 9- $\beta$ -Carotene and 9- $\alpha$ -Carotene High-Loaded Nanostructured Lipid Carriers: Characterization and Storage Stability. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 13844-13853  | 5.7 | 4  |

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|----|--|------|---|
| 27 | Thiolene-click synthesis of chiral covalent organic frameworks for gas chromatography. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 21151-21157  | 13   | 4 |
| 26 | CHBP induces stronger immunosuppressive CD127 M-MDSC via erythropoietin receptor. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 177  | 9.8  | 4 |
| 25 | Visual-afterglow dual-mode immunochromatographic strip for 17 $\beta$ -estradiol detection in milk. <i>Talanta</i> , <b>2021</b> , 232, 122427   | 6.2  | 4 |
| 24 | Dual-band piezoelectric acoustic energy harvesting by structural and local resonances of Helmholtz metamaterial. <i>Nano Energy</i> , <b>2021</b> , 90, 106523   | 17.1 | 4 |
| 23 | Prediction of noise inside an acoustic cavity of elongated shape using statistical energy analyses with spatial decay consideration. <i>Applied Acoustics</i> , <b>2016</b> , 113, 34-38                                     | 3.1  | 3 |
| 22 | Discrepant mRNA and Protein Expression in Immune Cells. <i>Current Genomics</i> , <b>2020</b> , 21, 560-563  | 2.6  | 3 |
| 21 | 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> , <b>2021</b> , 86, 1751-1765 | 3.4  | 3 |
| 20 | Investigation of Extended-Tube Liners for Control of Low-Frequency Duct Noise. <i>AIAA Journal</i> , 1-16  | 2.1  | 3 |
| 19 | A study of the sound transmission mechanisms of a finite thickness opening without or with an acoustic seal. <i>Applied Acoustics</i> , <b>2017</b> , 122, 156-166   | 3.1  | 2 |
| 18 | Effects of the backing cavity on the acoustic absorption of a microperforated panel absorber. <i>Applied Acoustics</i> , <b>2020</b> , 166, 107361   | 3.1  | 2 |
| 17 | NIR persistent luminescence nanoparticles based turn-on aptasensor for autofluorescence-free determination of 17 $\beta$ -estradiol in milk. <i>Food Chemistry</i> , <b>2022</b> , 373, 131432                               | 8.5  | 2 |
| 16 | An experimental investigation on the acoustic properties of micro-perforated panels in a grazing flow. <i>Applied Acoustics</i> , <b>2020</b> , 159, 107119  | 3.1  | 2 |
| 15 | Enzymatic synthesis of mannitol dioctanoate and its utilisation in the preparation of structured edible oil. <i>International Journal of Food Science and Technology</i> , <b>2016</b> , 51, 588-594                         | 3.8  | 2 |
| 14 | A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B and zearalenone. <i>Talanta</i> , <b>2021</b> , 232, 122395  | 6.2  | 2 |
| 13 | Effect of source direction on liner impedance reduction with consideration of shear flow. <i>Applied Acoustics</i> , <b>2021</b> , 183, 108297   | 3.1  | 2 |
| 12 | Three-Dimensional Nanoporous Covalent Organic Framework-Incorporated Monolithic Columns for High-Performance Liquid Chromatography. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 5437-5443                           | 5.6  | 1 |
| 11 | A Stable Quaternized Chitosan-Black Phosphorus Nanocomposite for Synergetic Disinfection of Antibiotic-Resistant Pathogens.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4821-4832                                   | 4.1  | 1 |
| 10 | Chiral covalent organic framework-monolith as stationary phase for high-performance liquid chromatographic enantioseparation of selected amino acids. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 1        | 4.4  | 1 |

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| 9 | Towards high throughput and high information coverage: advanced single-cell mass spectrometric techniques. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 1  | 4.4 | 1 |
| 8 | Advances in Chirality Sensing with Macrocyclic Molecules. <i>Chemosensors</i> , <b>2021</b> , 9, 279  | 4   | 1 |
| 7 | Nanothorn Filter-Facilitated Online Cell Lysis for Rapid and Deep Intracellular Profiling by Single-Cell Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 15677-15686                               | 7.8 | 0 |
| 6 | Application of the patch transfer function method for predicting flow-induced cavity oscillations. <i>Journal of Sound and Vibration</i> , <b>2022</b> , 521, 116678  | 3.9 | 0 |
| 5 | Extended tube acoustic metamaterial: Its modeling and application to a kitchen hood. <i>Applied Acoustics</i> , <b>2022</b> , 185, 108398   | 3.1 | 0 |
| 4 | Hydroxyl-functionalized three-dimensional covalent organic framework for selective and rapid extraction of organophosphorus pesticides.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1673, 463071              | 4.5 | 0 |
| 3 | Urea-linked covalent organic framework functionalized polytetrafluoroethylene film for selective and rapid thin film microextraction of rhodamine B.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1673, 463133 | 4.5 | 0 |
| 2 | Post-modification of covalent organic framework for gas chromatographic separation of isomers.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1673, 463085   | 4.5 | 0 |
| 1 | A mathematical formulation for the optimal impedance of a curved axial microperforated panel in a duct bend. <i>JASA Express Letters</i> , <b>2021</b> , 1, 081601  |     |   |