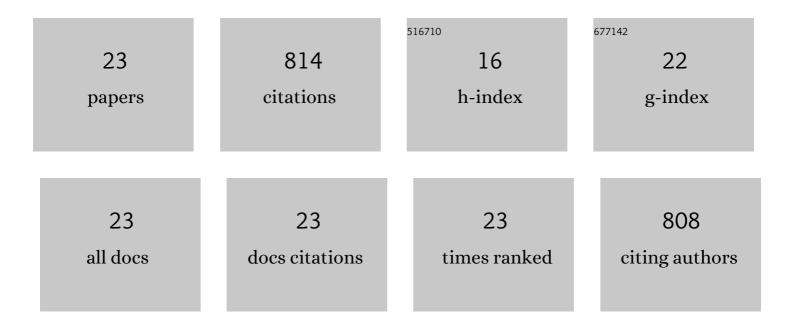
## Bao-cheng Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/667280/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Inner-filter effect induced fluorescent sensor based on fusiform Al-MOF nanosheets for sensitive and visual detection of nitrofuran in milk. Food Chemistry, 2022, 367, 130763.	8.2	54
2	Comparative analysis of free/combined phytosterolsdegradation and differential formation of oxidation products during heating of sunflower seed oil. LWT - Food Science and Technology, 2022, 155, 112966.	5.2	6
3	Physicochemical and structural changes in myofibrillar proteins from porcine longissimus dorsi subjected to microwave combined with air convection thawing treatment. Food Chemistry, 2021, 343, 128412.	8.2	48
4	Antibiotic and mammal IgG based lateral flow assay for simple and sensitive detection of Staphylococcus aureus. Food Chemistry, 2021, 339, 127955.	8.2	34
5	Physicochemical properties and structure of modified potato starch granules and their complex with tea polyphenols. International Journal of Biological Macromolecules, 2021, 166, 521-528.	7.5	41
6	Characterization of a novel antifungal protein produced by <scp><i>Paenibacillus polymyxa</i></scp> isolated from the wheat rhizosphere. Journal of the Science of Food and Agriculture, 2021, 101, 1901-1909.	3.5	7
7	Simultaneous Determination of Free Phytosterols and Tocopherols in Vegetable Oils by an Improved SPE–GC–FID Method. Food Analytical Methods, 2020, 13, 358-369.	2.6	15
8	Effect of tea polyphenols on the quality characteristics of fresh wheat noodles in the storage. International Journal of Food Science and Technology, 2020, 55, 2562-2569.	2.7	12
9	Whey Protein Isolate Coated Liposomes as Novel Carrier Systems for Astaxanthin. European Journal of Lipid Science and Technology, 2020, 122, 1900325.	1.5	21
10	Polydopamine nanospheres as high-affinity signal tag towards lateral flow immunoassay for sensitive furazolidone detection. Food Chemistry, 2020, 315, 126310.	8.2	54
11	Textural and staling characteristics of steamed bread prepared from soft flour added with inulin. Food Chemistry, 2019, 301, 125272.	8.2	47
12	Effect of inulin on rheological properties of soft and strong wheat dough. International Journal of Food Science and Technology, 2018, 53, 1648-1656.	2.7	19
13	Determination of free steroidal compounds in vegetable oils by comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry. Food Chemistry, 2018, 245, 415-425.	8.2	43
14	Effect of inulin with different degree of polymerisation on textural and rheological properties of wheat starch – Effect of inulin on gel properties of starch. International Journal of Food Science and Technology, 2018, 53, 2576-2585.	2.7	24
15	Effects of inulin with different degree of polymerization on gelatinization and retrogradation of wheat starch. Food Chemistry, 2017, 229, 35-43.	8.2	136
16	Characterization of Aromatic Liquor by Gas Chromatography and Principal Component Analysis. Analytical Letters, 2017, 50, 777-786.	1.8	11
17	Rapid determination of ethyl pentanoate in liquor using Fourier transform near-infrared spectroscopy coupled with chemometrics. Spectroscopy Letters, 2016, 49, 464-468.	1.0	5
18	Effects of Shortâ€Chain Inulin on Quality of Chinese Steamed Bread. Journal of Food Quality, 2016, 39, 255-263	2.6	21

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#	Article	IF	CITATIONS
19	Effects of inulin on the structure and emulsifying properties of protein components in dough. Food Chemistry, 2016, 210, 235-241.	8.2	74
20	Detection of virgin coconut oil adulteration with animal fats using quantitative cholesterol by GC×GC–TOF/MS analysis. Food Chemistry, 2015, 178, 128-135.	8.2	39
21	Characterization and authentication of four important edible oils using free phytosterol profiles established by GC-GC-TOF/MS. Analytical Methods, 2014, 6, 6860-6870.	2.7	48
22	Characterization of volatile components in four vegetable oils by headspace two-dimensional comprehensive chromatography time-of-flight mass spectrometry. Talanta, 2014, 129, 629-635.	5.5	55
23	Synthesis of CdHgTe quantum dots and in vivo multispectral fluorescence imaging. , 2013, , .		0