Bo Li

List of Publications by Year
in descending order

51 papers	1,290 citations	361413 20 h-index	377865 34 g-index
52 all docs	52 docs citations	52 times ranked	1588 citing authors

#	Article	IF	Citations
1	Quantum discord and geometry for a class of two-qubit states. Physical Review A, 2011, 83, .	2.5	157
2	Preservation of (â˜')-Epigallocatechin-3-gallate Antioxidant Properties Loaded in Heat Treated Î²-Lactoglobulin Nanoparticles. Journal of Agricultural and Food Chemistry, 2012, 60, 3477-3484.	5.2	129
3	Antiobesity and lipid lowering effects of theaflavins on high-fat diet induced obese rats. Journal of Functional Foods, 2013, 5, 1142-1150.	3.4	87
4	Saponins from seeds of Genus Camellia: Phytochemistry and bioactivity. Phytochemistry, 2018, 149, 42-55.	2.9	72
5	Chaetoglobosin K induces apoptosis and G2 cell cycle arrest through p53-dependent pathway in cisplatin-resistant ovarian cancer cells. Cancer Letters, 2015, 356, 418-433.	7.2	57
6	Response surface optimization of supercritical fluid extraction of kaempferol glycosides from tea seed cake. Industrial Crops and Products, 2010, 32, 123-128.	5.2	56
7	Theaflavin-3, 3â€²-digallate induces apoptosis and G2 cell cycle arrest through the Akt/MDM2/p53 pathway in cisplatin-resistant ovarian cancer A2780/CP70 cells. International Journal of Oncology, 2016, 48, 2657-2665.	3.3	45
8	Theaflavins inhibit the ATP synthase and the respiratory chain without increasing superoxide production. Journal of Nutritional Biochemistry, 2012, 23, 953-960.	4.2	40
9	Anti-inflammatory activity of total flavonoids from seeds of <italic>Camellia oleifera</italic> Abel. Acta Biochimica Et Biophysica Sinica, 2014, 46, 920-922.	2.0	40
10	Enhancement of (â˜')-epigallocatechin-3-gallate and theaflavin-3-3â€²-digallate induced apoptosis by ascorbic acid in human lung adenocarcinoma SPC-A-1 cells and esophageal carcinoma Eca-109 cells via MAPK pathways. Biochemical and Biophysical Research Communications, 2013, 438, 370-374.	2.1	39
11	Flavonoids Alleviating Insulin Resistance through Inhibition of Inflammatory Signaling. Journal of Agricultural and Food Chemistry, 2019, 67, 5361-5373.	5.2	39
12	Anti-proliferative effect and cell cycle arrest induced by saponins extracted from tea (Camellia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	3.4	30
13	Safety evaluation of tea (Camellia sinensis (L.) O. Kuntze) flower extract: Assessment of mutagenicity, and acute and subchronic toxicity in rats. Journal of Ethnopharmacology, 2011, 133, 583-590.	4.1	26
14	Quantum Fisher information and coherence in one-dimensional XY spin models with Dzyaloshinsky-Moriya interactions. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	24
15	Chemical characterization of Wuyi rock tea with different roasting degrees and their discrimination based on volatile profiles. RSC Advances, 2021, 11, 12074-12085.	3.6	24
16	Dynamic changes and mechanisms of organic acids during black tea manufacturing process. Food Control, 2022, 132, 108535.	5.5	24
17	Identification of antioxidant compounds of Mucuna sempervirens by high-speed counter-current chromatographic separationâ€“DPPH radical scavenging detection and their oestrogenic activity. Food Chemistry, 2012, 131, 1181-1186.	8.2	21
18	Simultaneous Determination and Quantification of Triterpene Saponins from Camellia sinensis Seeds Using UPLC-PDA-QTOF-MS/MS. Molecules, 2019, 24, 3794.	3.8	21

#	Article	IF	Citations
19	Complete characterization of qubit masking. Physical Review A, 2019, 100, .	2.5	21
20	Standardized Saponin Extract from Baiye No.1 Tea (Camellia sinensis) Flowers Induced S Phase Cell Cycle Arrest and Apoptosis via AKT-MDM2-p53 Signaling Pathway in Ovarian Cancer Cells. Molecules, 2020, 25, 3515.	3.8	21
21	Identification of triterpenoid saponins in flowers of four Camellia Sinensis cultivars from Zhejiang province: Differences between cultivars, developmental stages, and tissues. Industrial Crops and Products, 2017, 95, 140-147.	5.2	20
22	Inhibitory Effects of Total Triterpenoid Saponins Isolated from the Seeds of the Tea Plant (Camellia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	20
23	Theaflavins Improve Insulin Sensitivity through Regulating Mitochondrial Biosynthesis in Palmitic Acid-Induced HepG2 Cells. Molecules, 2018, 23, 3382.	3.8	20
24	Second Hepatectomy Improves Survival in Patients With Microvascular Invasive Hepatocellular Carcinoma Meeting the Milan Criteria. Medicine (United States), 2015, 94, e2070.	1.0	17
25	One-way quantum deficit and quantum coherence in the anisotropic XY chain. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	16
26	Deterministic versus probabilistic quantum information masking. Physical Review A, 2019, 99, .	2.5	15
27	Novel Prognostic Nomograms for Hepatocellular Carcinoma Patients with Microvascular Invasion: Experience from a Single Center. Gut and Liver, 2019, 13, 669-682.	2.9	15
28	Comparative Transcriptome and Phytochemical Analysis Provides Insight into Triterpene Saponin Biosynthesis in Seeds and Flowers of the Tea Plant (Camellia sinensis). Metabolites, 2022, 12, 204.	2.9	15
29	A Rapid UPLC Method for Simultaneous Analysis of Caffeine and 13 Index Polyphenols in Black Tea. Journal of Chromatographic Science, 2017, 55, 495-496.	1.4	14
30	Impossibility of masking a set of quantum states of nonzero measure. Physical Review A, 2020, 101, .	2.5	12
31	Theasaponin E1 Inhibits Platinum-Resistant Ovarian Cancer Cells through Activating Apoptosis and Suppressing Angiogenesis. Molecules, 2021, 26, 1681.	3.8	12
32	Photonic Implementation of Quantum Information Masking. Physical Review Letters, 2021, 126, 170505.	7.8	12
33	Quantum discord for multiqubit systems. Physical Review A, 2021, 104, .	2.5	12
34	Combination of high-speed countercurrent chromatography and reversed phase C18 chromatography for large-scale isolation of cyanidin-3-O-Î²-d-glucoside from black rice bran extract. Industrial Crops and Products, 2012, 37, 88-92.	5.2	11
35	Isolation of the retinal isomers from the isomerization of all-trans-retinal by flash countercurrent chromatography. Journal of Chromatography A, 2013, 1271, 67-70.	3.7	11
36	SUDDEN CHANGE OF QUANTUM DISCORD UNDER SINGLE QUBIT NOISE. International Journal of Quantum Information, 2013, 11, 1350048.	1.1	11

#	Article	IF	Citations
37	Characterization of a new (Z)-3:(E)-2-hexenal isomerase from tea (Camellia sinensis) involved in the conversion of (Z)-3-hexenal to (E)-2-hexenal. Food Chemistry, 2022, 383, 132463.	8.2	11
38	Scaling up of high-speed countercurrent chromatographic apparatus with three columns connected in series for rapid preparation of (â˜')-epicatechin. Journal of Chromatography A, 2013, 1271, 62-66.	3.7	10
39	Preparative separation of flavonoids in plant extract of Smilacis Glabrae Roxb. by high performance counter-current chromatography. Journal of Separation Science, 2013, 36, 1853-1860.	2.5	10
40	Effect of a combined microwave-assisted drying and air drying on improving active nutraceutical compounds, flavor quality, and antioxidant properties of Camellia sinensis L. (cv. Longjing 43) flowers. Food Quality and Safety, 2021, 5, .	1.8	7
41	Tieguanyin Oolong Tea Extracts Alleviate Behavioral Abnormalities by Modulating Neuroinflammation in APP/PS1 Mouse Model of Alzheimerâ€™s Disease. Foods, 2022, 11, 81.	4.3	7
42	Anti-Proliferation Effect of Theasaponin E1 on the ALDH-Positive Ovarian Cancer Stem-Like Cells. Molecules, 2018, 23, 1469.	3.8	6
43	Simultaneous Tests of Theaflavin-3,3â€²-digallate as an Anti-Diabetic Drug in Human Hepatoma G2 Cells and Zebrafish (Danio rerio). Nutrients, 2021, 13, 4379.	4.1	6
44	Complete optimal convex approximations of qubit states under $$B_2$$ B 2 distance. Quantum Information Processing, 2018, 17, 1.	2.2	5
45	A genetic variant in the promoter of CD46 is associated with the risk and prognosis of hepatocellular carcinoma. Molecular Carcinogenesis, 2020, 59, 1243-1255.	2.7	4
46	Optimal approximations of available states and a triple uncertainty relation. Physical Review A, 2020, 101, .	2.5	4
47	Purified Tea (Camellia sinensis (L.) Kuntze) Flower Saponins Induce the p53-Dependent Intrinsic Apoptosis of Cisplatin-Resistant Ovarian Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 4324.	4.1	4
48	Transcriptome analysis provides insight into the anti-diabetic mechanism of theaflavins in high-fat diet and streptozotocin-induced mice. Food and Function, 2022, 13, 2033-2043.	4.6	3
49	Comment on â€œOptimal convex approximations of quantum statesâ€• Physical Review A, 2019, 99, .	2.5	2
50	Metabolomics Study Suggests the Mechanism of Different Types of Tieguanyin (Oolong) Tea in Alleviating Alzheimerâ€™s Disease in APP/PS1 Transgenic Mice. Metabolites, 2022, 12, 466.	2.9	2
51	Monogamy of Quantum Discord for Multiqubit Systems. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	0