

Bo Tian

List of Publications by Year in descending order

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31
papers

647
citations

623734

14
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound driven conformational and physicochemical changes of soy protein hydrolysates. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105202.	8.2	117
2	Preparation and Characterization of Coating Based on Protein Nanofibers and Polyphenol and Application for Salted Duck Egg Yolks. <i>Foods</i> , 2020, 9, 449.	4.3	64
3	Metabolic Syndrome: An Important Risk Factor for Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-7.	4.0	56
4	CDK5-mediated phosphorylation and autophagy of RKIP regulate neuronal death in Parkinson's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2870-2880.	3.1	48
5	Comparison of interaction between three similar chalconoids and β -lactalbumin: Impact on structure and functionality of β -lactalbumin. <i>Food Research International</i> , 2020, 131, 109006.	6.2	39
6	Novel Edible Coating with Antioxidant and Antimicrobial Activities Based on Whey Protein Isolate Nanofibrils and Carvacrol and Its Application on Fresh-Cut Cheese. <i>Coatings</i> , 2019, 9, 583.	2.6	38
7	Cdk5 suppression blocks SIRT1 degradation via the ubiquitin-proteasome pathway in Parkinson's disease models. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1443-1451.	2.4	35
8	Comparison in bioactivity and characteristics of Ginkgo biloba seed polysaccharides from four extract pathways. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 1156-1164.	7.5	32
9	Expression signatures of long non-coding RNA in the substantia nigra of pre-symptomatic mouse model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2017, 331, 123-130.	2.2	24
10	Structure and Functional Properties of Antioxidant Nanoemulsions Prepared with Tea Polyphenols and Soybean Protein Isolate. <i>Journal of Oleo Science</i> , 2019, 68, 689-697.	1.4	23
11	Development of Antioxidant and Stable Conjugated Linoleic Acid Pickering Emulsion with Protein Nanofibers by Microwave-Assisted Self-Assembly. <i>Foods</i> , 2021, 10, 1892.	4.3	19
12	Effects of Galactose Concentration on Characteristics of Angiotensin-I-Converting Enzyme Inhibitory Peptides Derived from Bovine Casein in Maillard Reaction. <i>International Journal of Food Properties</i> , 2016, 19, 2238-2250.	3.0	17
13	Efficient Imaging of <i>Saccharomyces cerevisiae</i> Based on B- and N-Doped Carbon Dots. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10223-10231.	5.2	17
14	B- and N-doped carbon dots by one-step microwave hydrothermal synthesis: tracking yeast status and imaging mechanism. <i>Journal of Nanobiotechnology</i> , 2021, 19, 456.	9.1	15
15	Analytic study on soliton-effect pulse compression in dispersion-shifted fibers with symbolic computation. <i>Journal of Modern Optics</i> , 2008, 55, 1331-1344.	1.3	14
16	Carbon Dots Derived from the Maillard Reaction for pH Sensors and Cr (VI) Detection. <i>Nanomaterials</i> , 2020, 10, 1924.	4.1	14
17	A new approach to the analytic soliton solutions for the variable-coefficient higher-order nonlinear Schrödinger model in inhomogeneous optical fibers. <i>Journal of Modern Optics</i> , 2010, 57, 309-315.	1.3	12
18	Symbolic Computation Study of a Generalized Variable-Coefficient Two-Dimensional Korteweg-de Vries Model with Various External-Force Terms from Shallow Water Waves, Plasma Physics, and Fluid Dynamics. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009, 64, 222-228.	1.5	11

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19	Stability of β -carotene microcapsules with Maillard reaction products derived from whey protein isolate and galactose as coating materials. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 867-877.	2.8	10
20	SYMBOLIC COMPUTATION STUDY OF BRIGHT SOLITONIC PULSES IN THE NORMAL DISPERSION REGION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2008, 17, 235-242.	1.8	9
21	Analytic study on the pulse transmission control system in dispersion decreasing fibers. <i>Journal of Modern Optics</i> , 2009, 56, 1151-1158.	1.3	8
22	Molecular characterization, expression pattern and evolution of nine suppressors of cytokine signaling (SOCS) gene in the swamp eel (<i>Monopterus albus</i>). <i>Fish and Shellfish Immunology</i> , 2020, 96, 177-189.	3.6	6
23	N-SOLITON SOLUTIONS, AUTO-BÄCKLUND TRANSFORMATIONS AND LAX PAIR FOR A NONISOSPECTRAL AND VARIABLE-COEFFICIENT KORTEWEG-DE VRIES EQUATION VIA SYMBOLIC COMPUTATION. <i>International Journal of Modern Physics B</i> , 2009, 23, 2383-2393.	2.0	5
24	Bright and dark solitons in the normal dispersion regime of inhomogeneous optical fibers. <i>Journal of Modern Optics</i> , 2010, 57, 1498-1503.	1.3	4
25	Development of a test strip for rapid detection of lactoperoxidase in raw milk. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 672-679.	2.8	4
26	ANALYTIC ANALYSIS ON A GENERALIZED (2+1)-DIMENSIONAL VARIABLE-COEFFICIENT KORTEWEG-DE VRIES EQUATION USING SYMBOLIC COMPUTATION. <i>International Journal of Modern Physics B</i> , 2010, 24, 5359-5370.	2.0	2
27	INTEGRABLE PROPERTIES AND SIMILARITY REDUCTIONS OF THE SINE-LAPLACE EQUATION FROM AN INVISCID INCOMPRESSIBLE FLUID WITH SYMBOLIC COMPUTATION. <i>International Journal of Modern Physics B</i> , 2010, 24, 1173-1185.	2.0	1
28	ON THE EXISTENCE OF INFINITE CONSERVATION LAWS OF A VARIABLE-COEFFICIENT KORTEWEG-DE VRIES MODEL WITH SYMBOLIC COMPUTATION. <i>Modern Physics Letters B</i> , 2011, 25, 1683-1689.	1.9	1
29	Global ubiquitome analysis of substantia nigra in doubly-mutant human alpha-synuclein transgenic mice. <i>Behavioural Brain Research</i> , 2020, 380, 112436.	2.2	1
30	Aqueous Two-Phase System- μ Ion Chromatography for Determination of Thiocyanate in Raw Milk. <i>Separations</i> , 2021, 8, 212.	2.4	1
31	Multi-Soliton-Like Solutions of a Coupled Kadomtsev-Petviashvili System. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 13-18.	1.5	0