

Aykut Bostancı

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

144
citations

1307594

7
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel fluorescent probe based on isocoumarin for Hg ²⁺ and Fe ³⁺ ions and its application in live-cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117402.	3.9	35
2	Modulation of Renal Insulin Signaling Pathway and Antioxidant Enzymes with Streptozotocin-Induced Diabetes: Effects of Resveratrol. <i>Medicina (Lithuania)</i> , 2019, 55, 3.	2.0	21
3	Potential mechanistic pathways underlying intestinal and hepatic effects of kefir in high-fructose-fed rats. <i>Food Research International</i> , 2021, 143, 110287.	6.2	15
4	Resveratrol and regular exercise may attenuate hypertension-induced cardiac dysfunction through modulation of cellular stress responses. <i>Life Sciences</i> , 2022, 296, 120424.	4.3	13
5	A Novel Fluorescent Probe Based on Perylene Derivative for Hg ²⁺ Ions and Biological Thiols and its Application in Live Cell Imaging and Theoretical Calculations. <i>Electroanalysis</i> , 2020, 32, 775-780.	2.9	12
6	1,8-Naphthalimide appended propiolate-based fluorescent sensor for selective detection of cysteine over glutathione and homocysteine in living cells. <i>New Journal of Chemistry</i> , 2021, 45, 16617-16624.	2.8	10
7	<i>Lactobacillus plantarum</i> improves lipogenesis and IRS-1/AKT/eNOS signalling pathway in the liver of high-fructose-fed rats. <i>Archives of Physiology and Biochemistry</i> , 2020, , 1-9.	2.1	9
8	Oxidative DNA Damage-Mediated Genomic Heterogeneity Is Regulated by NKX3.1 in Prostate Cancer. <i>Cancer Investigation</i> , 2019, 37, 113-126.	1.3	7
9	<i>In vitro</i> evaluation of cytotoxic, oxidative, genotoxic, and apoptotic activities of physodic acid from <i>Pseudevernia furfuracea</i> in HepG2 and THLE2 cells. <i>Plant Biosystems</i> , 2021, 155, 1111-1120.	1.6	7
10	Automated Cell-Based Quantitation of 8-OHdG Damage. <i>Methods in Molecular Biology</i> , 2016, 1516, 299-308.	0.9	5
11	Evaluation of the biological activities of olivetoric acid, a lichen-derived molecule, in human hepatocellular carcinoma cells. <i>Rendiconti Lincei</i> , 2021, 32, 135-148.	2.2	5
12	Masseter muscle and gingival tissue inflammatory response following treatment with high-fructose corn syrup in rats: Anti-inflammatory and antioxidant effects of kefir. <i>Journal of Food Biochemistry</i> , 2022, 46, e13732.	2.9	2
13	Turn-Fluorescence Chemosensor Based Probing of Cu ²⁺ with Excellent Sensitivity: Experimental Study, DFT Calculations and Application in Living Cells and Natural Waters. <i>ChemistrySelect</i> , 2021, 6, 6286-6294.	1.5	2
14	Kefir protects the liver against high fructose corn syrup induced phosphodiesterase hyperactivity. <i>Biyokimya Dergisi</i> , 2022, .	0.5	1
15	Reciprocal regulation of glycogen synthase kinase-3 and β -catenin affects cell proliferation of fructose treated rat hepatocytes. <i>Health Sciences Quarterly</i> , 2022, 2, 91-99.	0.1	0
16	A fluorescent chemoprobe based on 1,8-naphthalimide derivative specific for cellular recognition of cysteine over homocysteine and glutathione. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 433, 114119.	3.9	0