

Muslum Akgoz

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

701
citations

516215

16
h-index

552369

26
g-index

35
all docs

35
docs citations

35
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor-mediated Reversible Translocation of the G Protein $\beta\gamma$ Complex from the Plasma Membrane to the Golgi Complex. <i>Journal of Biological Chemistry</i> , 2004, 279, 51541-51544.	1.6	65
2	The effects of acute acetaminophen toxicity on hepatic mRNA expression of SOD, CAT, GSH-Px, and levels of peroxynitrite, nitric oxide, reduced glutathione, and malondialdehyde in rabbit. <i>Molecular and Cellular Biochemistry</i> , 2009, 323, 31-38.	1.4	51
3	Assessment of Digital PCR as a Primary Reference Measurement Procedure to Support Advances in Precision Medicine. <i>Clinical Chemistry</i> , 2018, 64, 1296-1307.	1.5	50
4	EurA1c: The European HbA1c Trial to Investigate the Performance of HbA1c Assays in 2166 Laboratories across 17 Countries and 24 Manufacturers by Use of the IFCC Model for Quality Targets. <i>Clinical Chemistry</i> , 2018, 64, 1183-1192.	1.5	46
5	Comparison of DNA extraction methods for meat analysis. <i>Food Chemistry</i> , 2017, 221, 1253-1257.	4.2	43
6	The use of digital PCR to improve the application of quantitative molecular diagnostic methods for tuberculosis. <i>BMC Infectious Diseases</i> , 2016, 16, 366.	1.3	41
7	G protein $\beta\gamma$ complex translocation from plasma membrane to Golgi complex is influenced by receptor β subunit interaction. <i>Cellular Signalling</i> , 2006, 18, 1758-1768.	1.7	40
8	A Single Amino Acid Change in Turnip Crinkle Virus Movement Protein p8 Affects RNA Binding and Virulence on <i>Arabidopsis thaliana</i> . <i>Journal of Virology</i> , 1998, 72, 6247-6250.	1.5	36
9	G protein $\beta\gamma$ 11 complex translocation is induced by Gi, Gq and Gs coupling receptors and is regulated by the β subunit type. <i>Cellular Signalling</i> , 2006, 18, 1190-1200.	1.7	35
10	Selection of Nucleic Acid Aptamers Specific for Mycobacterium tuberculosis. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 849-864.	1.4	35
11	Role of the G Protein β Subunit in $\beta\gamma$ Complex Modulation of Phospholipase $C\beta$ Function. <i>Journal of Biological Chemistry</i> , 2002, 277, 19573-19578.	1.6	34
12	International Comparison of Enumeration-Based Quantification of DNA Copy-Concentration Using Flow Cytometric Counting and Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2016, 88, 12169-12176.	3.2	32
13	The effects of chronic exposure to ethanol and cigarette smoke on the level of reduced glutathione and malondialdehyde in rat kidney. <i>Urological Research</i> , 2004, 32, 213-8.	1.5	30
14	Inter-laboratory assessment of different digital PCR platforms for quantification of human cytomegalovirus DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2601-2614.	1.9	29
15	Voltammetric detection of sequence-selective DNA hybridization related to <i>Toxoplasma gondii</i> in PCR amplicons. <i>Talanta</i> , 2016, 149, 244-249.	2.9	18
16	Resveratrol ameliorates cisplatin-induced oxidative injury in New Zealand rabbits. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 727-735.	0.7	17
17	An international comparability study on quantification of mRNA gene expression ratios: CCQM-P103.1. <i>Biomolecular Detection and Quantification</i> , 2016, 8, 15-28.	7.0	15
18	The effects of chronic exposure to ethanol and cigarette smoke on the formation of peroxynitrite, level of nitric oxide, xanthine oxidase and myeloperoxidase activities in rat kidney. <i>Molecular and Cellular Biochemistry</i> , 2006, 291, 127-138.	1.4	14

#	ARTICLE	IF	CITATIONS
19	Proteomic Analysis of Kidney Preservation Solutions Prior to Renal Transplantation. PLoS ONE, 2016, 11, e0168755.	1.1	14
20	A simple guanidinium isothiocyanate method for bacterial genomic DNA isolation. Turkish Journal of Biology, 2014, 38, 125-129.	2.1	11
21	Mutational analysis of Turnip crinkle virus movement protein p8. Molecular Plant Pathology, 2001, 2, 37-48.	2.0	8
22	Detection of nuclease activity using a simple fluorescence based biosensor. Analytical Methods, 2016, 8, 4017-4021.	1.3	7
23	Amelioration of subchronic acrylamide toxicity in large intestine of rats by organic dried apricot intake. Turkish Journal of Biology, 2015, 39, 872-878.	2.1	6
24	Development and validation of a generic method for quantification of collagen in food supplement tablets using liquid chromatography coupled with time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 1981-1987.	1.9	5
25	Screening of Hallucinogenic Compounds and Genomic Characterisation of 40 Anatolian <i>Salvia</i> Species. Phytochemical Analysis, 2017, 28, 541-549.	1.2	4
26	A simple silica based DNA isolation method for cell-free DNA analysis from liquid biopsy. Turkish Journal of Biochemistry, 2020, 45, 701-705.	0.3	4
27	Proteomic Analysis of Liver Preservation Solutions Prior to Liver Transplantation. Current Proteomics, 2019, 16, 119-135.	0.1	3
28	Final report for CCQM-K86.b relative quantification of Bt63 in GM rice matrix sample. Metrologia, 2018, 55, 08017-08017.	0.6	3
29	Oligomer based real-time detection of microorganisms producing nuclease enzymes. Analyst, The, 2019, 144, 1379-1385.	1.7	2
30	Measurement of genetically modified (GM) genes in different corn products. Journal of Chemical Metrology, 2017, 11, 55-60.	0.6	1
31	The Gene Expression of Antioxidant Enzymes in Streptozotocin-Induced Experimental Diabetes in Rat Liver Tissue. Medicine Science, 2015, 4, 2834.	0.0	0
32	Cloning, Expression, and Characterization of Serine Protease AprX from <i>Geobacillus thermoleovorans</i> ARTRW1. Industrial Biotechnology, 2022, 18, 176-187.	0.5	0