

Mustafa Fatih Abasiyanik

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

777
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Amperometric hydrogen peroxide biosensor based on covalent immobilization of horseradish peroxidase on ferrocene containing polymeric mediator. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 444-450.	7.8	104
2	Covalent immobilization of invertase on PAMAM-dendrimer modified superparamagnetic iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2010, 12, 3057-3067.	1.9	73
3	Construction of novel electrochemical immunosensor for detection of prostate specific antigen using ferrocene-PAMAM dendrimers. <i>Biosensors and Bioelectronics</i> , 2016, 86, 1074-1079.	10.1	65
4	A novel amperometric phenol biosensor based on immobilized HRP on poly(glycidylmethacrylate)-grafted iron oxide nanoparticles for the determination of phenol derivatives. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 396-405.	7.8	52
5	Effect of Heat Processing on DNA Quantification of Meat Species. <i>Journal of Food Science</i> , 2012, 77, N40-4.	3.1	47
6	Ultra-sensitive digital quantification of proteins and mRNA in single cells. <i>Nature Communications</i> , 2019, 10, 3544.	12.8	44
7	A highly sensitive and specific tetraplex PCR assay for soybean, poultry, horse and pork species identification in sausages: Development and validation. <i>Meat Science</i> , 2014, 98, 296-300.	5.5	38
8	A Follow-up Study on the Effect of Helicobacter pylori Eradication on the Severity of Gastric Histology. <i>Digestive Diseases and Sciences</i> , 2005, 50, 1517-1522.	2.3	37
9	A preliminary study on the genetic profile of cag pathogenicity-island and other virulent gene loci of Helicobacter pylori strains from Turkey. <i>Infection, Genetics and Evolution</i> , 2007, 7, 509-512.	2.3	34
10	<i>H. pylori</i> infection and other risk factors associated with peptic ulcers in Turkish patients: A retrospective study. <i>World Journal of Gastroenterology</i> , 2007, 13, 3245.	3.3	31
11	Construction of a Novel Glucose Biosensor Based on Covalent Immobilization of Glucose Oxidase on Poly(glycidyl methacrylate-co-vinylferrocene). <i>Electroanalysis</i> , 2010, 22, 1765-1771.	2.9	29
12	The development of duplex real-time PCR based on SYBR Green fluorescence for rapid identification of ruminant and poultry origins in foodstuff. <i>Food Chemistry</i> , 2012, 130, 1050-1054.	8.2	24
13	Development of fast multiplex real-time PCR assays based on EvaGreen fluorescence dye for identification of beef and soybean origins in processed sausages. <i>Food Research International</i> , 2013, 54, 1652-1656.	6.2	24
14	Sensitive detection and quantification of SARS-CoV-2 in saliva. <i>Scientific Reports</i> , 2021, 11, 12425.	3.3	24
15	Simultaneous Identification of Pork and Poultry Origins in Pet Foods by a Quick Multiplex Real-Time PCR Assay Using EvaGreen Fluorescence Dye. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1855-1864.	2.9	23
16	Gut microbiota metabolites in autistic children: An epigenetic perspective. <i>Heliyon</i> , 2021, 7, e06105.	3.2	19
17	Enzyme immunoassay and immunoblotting analysis of Helicobacter pylori infection in Turkish asymptomatic subjects. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 50, 173-177.	1.8	17
18	Immobilization of urease in poly(1-vinyl imidazole)/poly(acrylic acid) network. <i>Chemical Papers</i> , 2010, 64, 1-7.	2.2	16

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19	DNA and BSA binding studies of novel tetracationic phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2008, 12, 932-941.	0.8	15
20	An amperometric urea biosensor based on covalent immobilization of urease on copolymer of glycidyl methacrylate and vinylferrocene. Journal of Solid State Electrochemistry, 2012, 16, 367-373.	2.5	14
21	Canonical Correlation Analysis of Factors Involved in the Occurrence of Peptic Ulcers. Digestive Diseases and Sciences, 2007, 52, 140-146.	2.3	13
22	Rapid Bovine and Caprine species Identification in Ruminant Feeds by Duplex Real-Time PCR Melting Curve Analysis Using EvaGreen Fluorescence Dye. Molecular Biotechnology, 2014, 56, 770-776.	2.4	13
23	Poly(glycidylmethacrylate-co-vinyl ferrocene)-grafted iron oxide nanoparticles as an electron transfer mediator for amperometric phenol detection. Current Applied Physics, 2013, 13, 1611-1619.	2.4	8
24	Entrapment of urease in poly(1-vinyl imidazole)/poly(2-acrylamido-2-methyl-1-propanesulfonic acid) network. Journal of Applied Polymer Science, 2011, 119, 1931-1939.	2.6	6
25	Photodynamic activities of protoporphyrin IX and its dopamine conjugate against cancer and bacterial cell viability. Medicinal Chemistry Research, 2012, 21, 4499-4505.	2.4	6
26	Forecasting of infection prevalence of Helicobacter pylori (H. pylori) using regression analysis. IIUM Engineering Journal, 2022, 23, 183-192.	0.8	1