Fahriye Ceyda Dudak

List of Publications by Year
in descending order

28	763	623734	580821
papers	citations	14	25
		h-index	g-index

28	28	28	1340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface-enhanced Raman scattering-based detection of plasmin activity by specific peptide substrate. Food Chemistry, 2022, 372, 131235.	8.2	3
2	Improved digestive stability of probiotics encapsulated within poly(vinyl alcohol)/cellulose acetate hybrid fibers. Carbohydrate Polymers, 2021, 264, 117990.	10.2	34
3	Development of a green fluorescence protein (GFP)â€‐based bioassay for detection of antibiotics and its application in milk. Journal of Food Science, 2020, 85, 500-509.	3.1	6
4	The interaction between Î²-Lactoglobulin and allyl-isothiocyanate. Food Bioscience, 2020, 36, 100600.	4.4	15
5	Characterization of cellulose acetate/gum Arabic fibers loaded with extract of Viburnum opulus L. fruit. LWT - Food Science and Technology, 2019, 110, 247-254.	5.2	22
6	Development of a peptide substrate for detection of sunn pest damage in wheat flour. Journal of the Science of Food and Agriculture, 2018, 98, 5677-5682.	3.5	0
7	Development and characterisation of a novel peptide inhibitor ofÂplasmin. International Dairy Journal, 2017, 71, 82-88.	3.0	2
8	Dispersive and FT-Raman spectroscopic methods in food analysis. RSC Advances, 2015, 5, 56606-56624.	3.6	108
9	The investigation of the secondary structure propensities and free-energy landscapes of peptide ligands by replica exchange molecular dynamics simulations. Molecular Simulation, 2014, 40, 1015-1025.	2.0	2
10	Peptide-Based Surface Plasmon Resonance Biosensor for Detection of Staphylococcal Enterotoxin B. Food Analytical Methods, 2014, 7, 506-511.	2.6	20
11	SERS-based direct and sandwich assay methods for mir-21 detection. Analyst, The, 2014, 139, 1141.	3.5	51
12	Glucose determination based on a two component self-assembled monolayer functionalized surface-enhanced Raman spectroscopy (SERS) probe. Analytical Methods, 2014, 6, 5097-5104.	2.7	34
13	Attomole Sensitivity of Staphylococcal Enterotoxin B Detection Using an Aptamer-Modified Surface-Enhanced Raman Scattering Probe. Analytical Chemistry, 2012, 84, 10600-10606.	6.5	80
14	Enhancing the affinity of SEBâ€‐binding peptides by repeating their sequence. Biopolymers, 2012, 98, 145-154.	2.4	5
15	The Discovery of Small-Molecule Mimicking Peptides through Phage Display. Molecules, 2011, 16, 774-789.	3.8	13
16	Nano-sized structures for the detection of food components and contaminants. Frontiers in Bioscience - Elite, 2011, E3, 1109-1127.	1.8	0
17	Thermodynamic and structural analysis of interactions between peptide ligands and SEB. Journal of Molecular Recognition, 2010, 23, 369-378.	2.1	6
18	Thermodynamic analysis of the interaction between 3-aminophenylboronic acid and monosaccharides for development of biosensor. Sensors and Actuators B: Chemical, 2009, 140, 597-602.	7.8	29

#	Article	IF	Citations
19	Determination of viable Escherichia coli using antibody-coated paramagnetic beads with fluorescence detection. Analytical and Bioanalytical Chemistry, 2009, 393, 949-956.	3.7	14
20	MULTIPLEX DETECTION OF <i>ESCHERICHIA COLI</i> AND <i>SALMONELLA ENTERITIDIS</i> BY USING QUANTUM DOTâ€LABELED ANTIBODIES. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 315-327.	0.4	10
21	Nano-sized structures for the detection of food components and contaminants. Frontiers in Bioscience - Elite, 2009, E3, 1109.	1.8	0
22	Rapid and labelâ€free bacteria detection by surface plasmon resonance (SPR) biosensors. Biotechnology Journal, 2009, 4, 1003-1011.	3.5	118
23	ENUMERATION OF IMMUNOMAGNETICALLY CAPTURED ESCHERICHIA COLI IN WATER SAMPLES USING QUANTUM DOT-LABELED ANTIBODIES. Journal of Rapid Methods and Automation in Microbiology, 2008, 16, 122-131.	0.4	20
24	Selection of staphylococcal enterotoxin B (SEB)-binding peptide using phage display technology. Biochemical and Biophysical Research Communications, 2008, 370, 104-108.	2.1	30
25	Development of an immunosensor based on surface plasmon resonance for enumeration of Escherichia coli in water samples. Food Research International, 2007, 40, 803-807.	6.2	53
26	Modeling and optimization III: Reaction rate estimation using artificial neural network (ANN) without a kinetic model. Journal of Food Engineering, 2007, 79, 622-628.	5.2	54
27	Modeling and optimization IV: Investigation of reaction kinetics and kinetic constants using a program in which artificial neural network (ANN) was integrated. Journal of Food Engineering, 2007, 79, 1152-1158.	5.2	29
28	Statistical Modeling of Î²-galactosidase Inhibition During Lactose Hydrolysis. Food Biotechnology, 2006, 20, 79-91.	1.5	5