Gizem ErtÃ¼rk Bergdahl

List of Publications by Year
in descending order

28 papers	1,299 citations	430874 18 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1693 citing authors

#	Article	IF	Citations
1	Molecular Imprinting Techniques Used for the Preparation of Biosensors. Sensors, 2017, 17, 288.	3.8	182
2	Microcontact imprinting based surface plasmon resonance (SPR) biosensor for real-time and ultrasensitive detection of prostate specific antigen (PSA) from clinical samples. Sensors and Actuators B: Chemical, 2016, 224, 823-832.	7.8	170
3	Cryogels-versatile tools in bioseparation. Journal of Chromatography A, 2014, 1357, 24-35.	3.7	150
4	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection. Biosensors and Bioelectronics, 2011, 28, 97-104.	10.1	94
5	Real-time prostate-specific antigen detection with prostate-specific antigen imprinted capacitive biosensors. Analytica Chimica Acta, 2015, 891, 120-129.	5.4	67
6	Revisiting Antibiotic Resistance Spreading in Wastewater Treatment Plants â€“ Bacteriophages as a Much Neglected Potential Transmission Vehicle. Frontiers in Microbiology, 2017, 8, 2298.	3.5	67
7	A sensitive and real-time assay of trypsin by using molecular imprinting-based capacitive biosensor. Biosensors and Bioelectronics, 2016, 86, 557-565.	10.1	64
8	Capacitive Biosensors and Molecularly Imprinted Electrodes. Sensors, 2017, 17, 390.	3.8	54
9	Microcontact-BSA imprinted capacitive biosensor for real-time, sensitive and selective detection of BSA. Biotechnology Reports (Amsterdam, Netherlands), 2014, 3, 65-72.	4.4	50
10	Bacteriophages as biorecognition elements in capacitive biosensors: Phage and host bacteria detection. Sensors and Actuators B: Chemical, 2018, 258, 535-543.	7.8	49
11	A novel capacitive sensor based on molecularly imprinted nanoparticles as recognition elements. Biosensors and Bioelectronics, 2018, 120, 108-114.	10.1	48
12	Common skin bacteria protect their host from oxidative stress through secreted antioxidant RoxP. Scientific Reports, 2019, 9, 3596.	3.3	46
13	Oriented immobilized antiâ€hIgG via F_c fragmentâ€imprinted PHEMA cryogel for IgG purification. Biomedical Chromatography, 2013, 27, 599-607.	1.7	36
14	From imprinting to microcontact imprintingâ€”A new tool to increase selectivity in analytical devices. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 30-44.	2.3	32
15	In Vivo Detection and Absolute Quantification of a Secreted Bacterial Factor from Skin Using Molecularly Imprinted Polymers in a Surface Plasmon Resonance Biosensor for Improved Diagnostic Abilities. ACS Sensors, 2019, 4, 717-725.	7.8	32
16	Histidine Containing Macroporous Affinity Cryogels for Immunoglobulin G Purification. Separation Science and Technology, 2012, 47, 1813-1820.	2.5	24
17	Molecularly imprinted cryogels for human interferonâ€alpha purification from human gingival fibroblast culture. Journal of Molecular Recognition, 2013, 26, 633-642.	2.1	23
18	Molecularly Imprinted Supermacroporous Cryogels for Myoglobin Recognition. Applied Biochemistry and Biotechnology, 2014, 173, 1250-1262.	2.9	20

#	Article	IF	Citations
19	Highly sensitive detection and quantification of the secreted bacterial benevolence factor RoxP using a capacitive biosensor: A possible early detection system for oxidative skin diseases. PLoS ONE, 2018, 13, e0193754.	2.5	17
20	Streptococcus pyogenes Forms Serotype- and Local Environment-Dependent Interspecies Protein Complexes. MSystems, 2021, 6, e0027121.	3.8	13
21	Development of a Molecular Imprinting-Based Surface Plasmon Resonance Biosensor for Rapid and Sensitive Detection of Staphylococcus aureus Alpha Hemolysin From Human Serum. Frontiers in Cellular and Infection Microbiology, 2020, 10, 571578.	3.9	12
22	Structural determination of Streptococcus pyogenes M1 protein interactions with human immunoglobulin G using integrative structural biology. PLoS Computational Biology, 2021, 17, e1008169.	3.2	12
23	Capacitive Saccharide Sensor Based on Immobilized Phenylboronic Acid with Diol Specificity. Applied Biochemistry and Biotechnology, 2019, 188, 124-137.	2.9	9
24	Why Using Molecularly Imprinted Polymers in Connection to Biosensors?. Sensors, 2017, 17, 246.	3.8	8
25	Antibacterial and Anti-Inflammatory Effects of Apolipoprotein E. Biomedicines, 2022, 10, 1430.	3.2	8
26	Bisphosphonate ligand mediated ultrasensitive capacitive protein sensor: complementary match of supramolecular and dynamic chemistry. New Journal of Chemistry, 2019, 43, 847-852.	2.8	5
27	Ultrasensitive Detection of Biomarkers by Using a Molecular Imprinting Based Capacitive Biosensor. Journal of Visualized Experiments, 2018, , .	0.3	3
28	Capacitive Sensor to Monitor Enzyme Activity by Following Degradation of Macromolecules in Real Time. Applied Biochemistry and Biotechnology, 2019, 189, 374-383.	2.9	3