

Gizem Ertürk Bergdahl

List of Publications by Year in descending order

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Version: 2024-02-01

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	Antibacterial and Anti-Inflammatory Effects of Apolipoprotein E. <i>Biomedicines</i> , 2022, 10, 1430.	3.2	8
2	Structural determination of <i>Streptococcus pyogenes</i> M1 protein interactions with human immunoglobulin G using integrative structural biology. <i>PLoS Computational Biology</i> , 2021, 17, e1008169.	3.2	12
3	<i>Streptococcus pyogenes</i> Forms Serotype- and Local Environment-Dependent Interspecies Protein Complexes. <i>MSystems</i> , 2021, 6, e0027121.	3.8	13
4	Development of a Molecular Imprinting-Based Surface Plasmon Resonance Biosensor for Rapid and Sensitive Detection of <i>Staphylococcus aureus</i> Alpha Hemolysin From Human Serum. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 571578.	3.9	12
5	Capacitive Sensor to Monitor Enzyme Activity by Following Degradation of Macromolecules in Real Time. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 374-383.	2.9	3
6	Bisphosphonate ligand mediated ultrasensitive capacitive protein sensor: complementary match of supramolecular and dynamic chemistry. <i>New Journal of Chemistry</i> , 2019, 43, 847-852.	2.8	5
7	Common skin bacteria protect their host from oxidative stress through secreted antioxidant RoxP. <i>Scientific Reports</i> , 2019, 9, 3596.	3.3	46
8	<i>In Vivo</i> 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. <i>ACS Sensors</i> , 2019, 4, 717-725.	7.8	32
9	Capacitive Saccharide Sensor Based on Immobilized Phenylboronic Acid with Diol Specificity. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 124-137.	2.9	9
10	Ultrasensitive Detection of Biomarkers by Using a Molecular Imprinting Based Capacitive Biosensor. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3
11	Bacteriophages as biorecognition elements in capacitive biosensors: Phage and host bacteria detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 535-543.	7.8	49
12	A novel capacitive sensor based on molecularly imprinted nanoparticles as recognition elements. <i>Biosensors and Bioelectronics</i> , 2018, 120, 108-114.	10.1	48
13	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. <i>PLoS ONE</i> , 2018, 13, e0193754.	2.5	17
14	Molecular Imprinting Techniques Used for the Preparation of Biosensors. <i>Sensors</i> , 2017, 17, 288.	3.8	182
15	Capacitive Biosensors and Molecularly Imprinted Electrodes. <i>Sensors</i> , 2017, 17, 390.	3.8	54
16	Revisiting Antibiotic Resistance Spreading in Wastewater Treatment Plants – Bacteriophages as a Much Neglected Potential Transmission Vehicle. <i>Frontiers in Microbiology</i> , 2017, 8, 2298.	3.5	67
17	Why Using Molecularly Imprinted Polymers in Connection to Biosensors?. <i>Sensors</i> , 2017, 17, 246.	3.8	8
18	A sensitive and real-time assay of trypsin by using molecular imprinting-based capacitive biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 86, 557-565.	10.1	64

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19	Microcontact imprinting based surface plasmon resonance (SPR) biosensor for real-time and ultrasensitive detection of prostate specific antigen (PSA) from clinical samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 823-832.	7.8	170
20	From imprinting to microcontact imprintingâ€”A new tool to increase selectivity in analytical devices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 30-44.	2.3	32
21	Real-time prostate-specific antigen detection with prostate-specific antigen imprinted capacitive biosensors. <i>Analytica Chimica Acta</i> , 2015, 891, 120-129.	5.4	67
22	Microcontact-BSA imprinted capacitive biosensor for real-time, sensitive and selective detection of BSA. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2014, 3, 65-72.	4.4	50
23	Molecularly Imprinted Supermacroporous Cryogels for Myoglobin Recognition. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1250-1262.	2.9	20
24	Cryogels-versatile tools in bioseparation. <i>Journal of Chromatography A</i> , 2014, 1357, 24-35.	3.7	150
25	Molecularly imprinted cryogels for human interferonâ€”alpha purification from human gingival fibroblast culture. <i>Journal of Molecular Recognition</i> , 2013, 26, 633-642.	2.1	23
26	Oriented immobilized antiâ€”IgG via F_c fragmentâ€”imprinted PHEMA cryogel for IgG purification. <i>Biomedical Chromatography</i> , 2013, 27, 599-607.	1.7	36
27	Histidine Containing Macroporous Affinity Cryogels for Immunoglobulin G Purification. <i>Separation Science and Technology</i> , 2012, 47, 1813-1820.	2.5	24
28	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection. <i>Biosensors and Bioelectronics</i> , 2011, 28, 97-104.	10.1	94