

# Semra Akgün

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

939  
citations

623188

14  
h-index

713013

21  
g-index

38  
all docs

38  
docs citations

38  
times ranked

682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecularly imprinted polymer film based plasmonic sensors for detection of ochratoxin A in dried fig. <i>Polymer Bulletin</i> , 2022, 79, 4049-4067.	1.7	19
2	Development of ion imprinted based magnetic nanoparticles for selective removal of arsenic (III) and arsenic (V) from wastewater. <i>Separation Science and Technology</i> , 2022, 57, 990-999.	1.3	10
3	Nanosensors for medical diagnosis. , 2022, , 195-213.		1
4	Preparation of Surface Plasmon Resonance Aptasensor for Human Activated Protein C Sensing. <i>Methods in Molecular Biology</i> , 2022, 2393, 37-56.	0.4	2
5	Scaling up of biosensors for clinical applications and commercialization. , 2022, , 407-421.		0
6	Recent Advances in Quartz Crystal Microbalance Biosensors Based on the Molecular Imprinting Technique for Disease-Related Biomarkers. <i>Chemosensors</i> , 2022, 10, 106.	1.8	17
7	Heavy Metal Ions Removal From Wastewater Using Cryogels: A Review. <i>Frontiers in Sustainability</i> , 2022, 3, .	1.3	32
8	Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon- $\beta$ detection. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 280, 115687.	1.7	11
9	Recent Advances in Plasmonic Biosensors for the Detection of Food Allergens. , 2022, , .		0
10	Nano-sensors and nano-devices for biological disaster monitoring (virus/disease epidemics/animal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
11	Nanosensors for smartphone-enabled sensing devices. , 2022, , 85-104.		0
12	Inside Front Cover: Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption. <i>Separation Science Plus</i> , 2021, 4, NA.	0.3	1
13	Use of antimicrobial proteins of donkey milk as preservative agents in Kashar cheese production. <i>International Dairy Journal</i> , 2021, 120, 105090.	1.5	10
14	Molecularly Imprinted Based Sensors for Detection of Allergens. , 2021, , 309-334.		0
15	Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption. <i>Separation Science Plus</i> , 2021, 4, 147-156.	0.3	9
16	Microfluidic Systems for Cancer Diagnosis and Applications. <i>Micromachines</i> , 2021, 12, 1349.	1.4	28
17	Development of Gold Nanoparticles Decorated Molecularly Imprintedâ€“Based Plasmonic Sensor for the Detection of Aflatoxin M1 in Milk Samples. <i>Chemosensors</i> , 2021, 9, 363.	1.8	28
18	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides. , 2020, , 207-235.		3

#	ARTICLE	IF	CITATIONS
19	Rapid and sensitive detection of synthetic cannabinoids JWH-018, JWH-073 and their metabolites using molecularly imprinted polymer-coated QCM nanosensor in artificial saliva. <i>Microchemical Journal</i> , 2020, 153, 104454.	2.3	50
20	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. <i>Biosensors</i> , 2020, 10, 142.	2.3	34
21	Commercial sensors for pathogen detection. , 2020, , 89-106.		5
22	Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods. <i>ChemistrySelect</i> , 2020, 5, 5683-5692.	0.7	35
23	SPR nanosensor based on molecularly imprinted polymer film with gold nanoparticles for sensitive detection of aflatoxin B1. <i>Talanta</i> , 2020, 219, 121219.	2.9	139
24	Molecular Imprinting Technology for Biomimetic Assemblies. <i>Hacettepe Journal of Biology and Chemistry</i> , 2020, 48, 575-601.	0.3	6
25	Molecularly Imprinted Polymer Based Sensors for Medical Applications. <i>Sensors</i> , 2019, 19, 1279.	2.1	180
26	Molecularly imprinted based surface plasmon resonance nanosensors for microalbumin detection. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 646-661.	1.9	28
27	Surface plasmon resonance aptasensor for detection of human activated protein C. <i>Talanta</i> , 2019, 194, 528-533.	2.9	47
28	Molecularly imprinted polymer based quartz crystal microbalance sensor system for sensitive and label-free detection of synthetic cannabinoids in urine. <i>Biosensors and Bioelectronics</i> , 2018, 111, 10-17.	5.3	73
29	Therapeutic protein and drug imprinted nanostructures as controlled delivery tools. , 2018, , 439-473.		7
30	Preparation of imprinted cryogel cartridge for chiral separation of <scp>l</scp>-phenylalanine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 800-807.	1.9	40
31	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods. , 2017, , 679-718.		11
32	Development of surface plasmon resonance sensors based on molecularly imprinted nanofilms for sensitive and selective detection of pesticides. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 446-454.	4.0	105
33	Molecularly imprinted bionanomaterials and their biomedical applications. , 0, , .		1
34	Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid. <i>Polymer Bulletin</i> , 0, , 1.	1.7	1
35	Versatile polymeric cryogels and their biomedical applications. <i>Hacettepe Journal of Biology and Chemistry</i> , 0, , .	0.3	3