

# 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 Based Sensors for Medical Applications. <i>Sensors</i> , 2019, 19, 1279.	2.1	180
2	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
3	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
4	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
5	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
6	Surface plasmon resonance aptasensor for detection of human activated protein C. <i>Talanta</i> , 2019, 194, 528-533.	2.9	47
7	Preparation of imprinted cryogel cartridge for chiral separation of L-phenylalanine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 800-807.	1.9	40
8	Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods. <i>ChemistrySelect</i> , 2020, 5, 5683-5692.	0.7	35
9	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. <i>Biosensors</i> , 2020, 10, 142.	2.3	34
10	Heavy Metal Ions Removal From Wastewater Using Cryogels: A Review. <i>Frontiers in Sustainability</i> , 2022, 3, .	1.3	32
11	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
12	Microfluidic Systems for Cancer Diagnosis and Applications. <i>Micromachines</i> , 2021, 12, 1349.	1.4	28
13	Development of Gold Nanoparticles Decorated Molecularly Imprinted-Based Plasmonic Sensor for the Detection of Aflatoxin M1 in Milk Samples. <i>Chemosensors</i> , 2021, 9, 363.	1.8	28
14	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
15	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
16	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods. , 2017, , 679-718.		11
17	Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon-Î± detection. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 280, 115687.	1.7	11
18	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

#	ARTICLE	IF	CITATIONS
19	Use of antimicrobial proteins of donkey milk as preservative agents in Kashar cheese production. International Dairy Journal, 2021, 120, 105090.	1.5	10
20	Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption. Separation Science Plus, 2021, 4, 147-156.	0.3	9
21	Therapeutic protein and drug imprinted nanostructures as controlled delivery tools. , 2018, , 439-473.		7
22	Molecular Imprinting Technology for Biomimetic Assemblies. Hacettepe Journal of Biology and Chemistry, 2020, 48, 575-601.	0.3	6
23	Commercial sensors for pathogen detection. , 2020, , 89-106.		5
24	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides. , 2020, , 207-235.		3
25	Versatile polymeric cryogels and their biomedical applications. Hacettepe Journal of Biology and Chemistry, 0, , .	0.3	3
26	Preparation of Surface Plasmon Resonance Aptasensor for Human Activated Protein C Sensing. Methods in Molecular Biology, 2022, 2393, 37-56.	0.4	2
27	Inside Front Cover: Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption. Separation Science Plus, 2021, 4, NA.	0.3	1
28	Molecularly imprinted bionanomaterials and their biomedical applications. , 0, , .		1
29	Nanosensors for medical diagnosis. , 2022, , 195-213.		1
30	Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid. Polymer Bulletin, 0, , 1.	1.7	1
31	Nano-sensors and nano-devices for biological disaster monitoring (virus/disease epidemics/animal) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> Overlo		1
32	Molecularly Imprinted Based Sensors for Detection of Allergens. , 2021, , 309-334.		0
33	Scaling up of biosensors for clinical applications and commercialization. , 2022, , 407-421.		0
34	Recent Advances in Plasmonic Biosensors for the Detection of Food Allergens. , 2022, , .		0
35	Nanosensors for smartphone-enabled sensing devices. , 2022, , 85-104.		0