

# Semra Akgnll

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

554  
citations

10  
h-index

23  
g-index

38  
ext. papers

732  
ext. citations

4  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
32	Preparation of Surface Plasmon Resonance Aptasensor for Human Activated Protein C Sensing. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2393, 37-56	1.4	0
31	Nanosensors for medical diagnosis <b>2022</b> , 195-213		
30	Scaling up of biosensors for clinical applications and commercialization <b>2022</b> , 407-421		
29	Recent Advances in Quartz Crystal Microbalance Biosensors Based on the Molecular Imprinting Technique for Disease-Related Biomarkers. <i>Chemosensors</i> , <b>2022</b> , 10, 106	4	1
28	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> , <b>2022</b> , 280, 115687	3.1	0
27	Recent Advances in Plasmonic Biosensors for the Detection of Food Allergens <b>2022</b> ,		
26	Nano-sensors and nano-devices for biological disaster monitoring (virus/disease epidemics/animal plagues detections) <b>2022</b> , 43-57		
25	Nanosensors for smartphone-enabled sensing devices <b>2022</b> , 85-104		
24	Microfluidic Systems for Cancer Diagnosis and Applications. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	4
23	Use of antimicrobial proteins of donkey milk as preservative agents in Kashar cheese production. <i>International Dairy Journal</i> , <b>2021</b> , 120, 105090	3.5	5
22	Molecularly Imprinted Based Sensors for Detection of Allergens <b>2021</b> , 309-334		
21	Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption. <i>Separation Science Plus</i> , <b>2021</b> , 4, 147-156	1.1	3
20	Development of Gold Nanoparticles Decorated Molecularly Imprinted Based Plasmonic Sensor for the Detection of Aflatoxin M1 in Milk Samples. <i>Chemosensors</i> , <b>2021</b> , 9, 363	4	9
19	Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods. <i>ChemistrySelect</i> , <b>2020</b> , 5, 5683-5692	1.8	25
18	SPR nanosensor based on molecularly imprinted polymer film with gold nanoparticles for sensitive detection of aflatoxin B1. <i>Talanta</i> , <b>2020</b> , 219, 121219	6.2	74
17	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> , <b>2020</b> , 153, 104454	4.8	35
16	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. <i>Biosensors</i> , <b>2020</b> , 10,	5.9	16

15	Commercial sensors for pathogen detection <b>2020</b> , 89-106		4
14	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides <b>2020</b> , 207-235		3
13	Molecularly Imprinted Polymer Based Sensors for Medical Applications. <i>Sensors</i> , <b>2019</b> , 19,	3.8	110
12	Molecularly imprinted based surface plasmon resonance nanosensors for microalbumin detection. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2019</b> , 30, 646-661	3.5	27
11	Surface plasmon resonance aptasensor for detection of human activated protein C. <i>Talanta</i> , <b>2019</b> , 194, 528-533	6.2	35
10	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> , <b>2018</b> , 111, 10-17	11.8	60
9	Bacterial Cellulose Nanofibers for Efficient Removal of Hg <sup>2+</sup> from Aqueous Solutions <b>2018</b> , 501-522		1
8	Therapeutic protein and drug imprinted nanostructures as controlled delivery tools <b>2018</b> , 439-473		5
7	Preparation of imprinted cryogel cartridge for chiral separation of l-phenylalanine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 800-807	6.1	29
6	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods <b>2017</b> , 679-718		10
5	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> , <b>2017</b> , 241, 446-454	8.5	81
4	Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid. <i>Polymer Bulletin</i> ,1	2.4	1
3	Molecularly imprinted polymer film based plasmonic sensors for detection of ochratoxin A in dried fig. <i>Polymer Bulletin</i> ,1	2.4	8
2	Plasmonic Sensors for Detection of Chemical and Biological Warfare Agents71-85		0
1	Development of ion imprinted based magnetic nanoparticles for selective removal of arsenic (III) and arsenic (V) from wastewater. <i>Separation Science and Technology</i> ,1-10	2.5	2