YeSeren Saylan

List of Publications by Citations

49 papers	1,133 citations	19 h-index	33 g-index
52 ext. papers	1,437 ext. citations	5.3 avg, IF	5.36 L-index

#	Paper	IF	Citations
49	An Alternative Medical Diagnosis Method: Biosensors for Virus Detection. *Biosensors*, **2019**, 9,	5.9	142
48	Molecularly Imprinted Polymer Based Sensors for Medical Applications. *Sensors*, **2019**, 19,	3.8	110
47	Molecular Imprinting of Macromolecules for Sensor Applications. *Sensors*, **2017**, 17,	3.8	96
46	Development of surface plasmon resonance sensors based on molecularly imprinted nanofilms for sensitive and selective detection of pesticides. *Sensors and Actuators B: Chemical*, **2017**, 241, 446-454	8.5	81
45	Microfluidics: A Novel On-Chip Method for Differential Extraction of Sperm in Forensic Cases (Adv. Sci. 9/2018). *Advanced Science*, **2018**, 5, 1870056	13.6	78
44	l-Histidine imprinted supermacroporous cryogels for protein recognition. *Separation and Purification Technology*, **2011**, 82, 28-35	8.3	57
43	Molecularly imprinted nanoparticles based plasmonic sensors for real-time Enterococcus faecalis detection. *Biosensors and Bioelectronics*, **2019**, 126, 608-614	11.8	56
42	Supermacroporous Composite Cryogels in Biomedical Applications. *Gels*, **2019**, 5,	4.2	43
41	Molecular Fingerprints of Hemoglobin on a Nanofilm Chip. *Sensors*, **2018**, 18,	3.8	42
40	Synthesis of hydrophobic nanoparticles for real-time lysozyme detection using surface plasmon resonance sensor. *Journal of Molecular Recognition*, **2017**, 30, e2631	2.6	31
39	Surface imprinting approach for preparing specific adsorbent for IgG separation. *Journal of Biomaterials Science, Polymer Edition*, **2014**, 25, 881-94	3.5	31
38	Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method. *Biomimetics*, **2018**, 3,	3.7	29
37	A disposable microfluidic-integrated hand-held plasmonic platform for protein detection. *Applied Materials Today*, **2020**, 18, 100478	6.6	27
36	Advances in Biomimetic Systems for Molecular Recognition and Biosensing. *Biomimetics*, **2020**, 5,	3.7	22
35	A Novel On-Chip Method for Differential Extraction of Sperm in Forensic Cases. *Advanced Science*, **2018**, 5, 1800121	13.6	22
34	Detecting Fingerprints of Waterborne Bacteria on a Sensor. *Chemosensors*, **2019**, 7, 33	4	21
33	Surface plasmon resonance sensors for real-time detection of cyclic citrullinated peptide antibodies. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2016**, 53, 585-594	2.2	20

32	Alanine Functionalized Magnetic Nanoparticles for Reversible Amyloglucosidase Immobilization. *Industrial & Engineering Chemistry Research*, **2015**, 54, 454-461	3.9	20
31	Virus detection using nanosensors **2020**, 501-511		19
30	Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications. *Micromachines*, **2019**, 10,	3.3	18
29	Enhancing the nanoplasmonic signal by a nanoparticle sandwiching strategy to detect viruses. *Applied Materials Today*, **2020**, 20, 100709	6.6	17
28	Hydrophobic microbeads as an alternative pseudo-affinity adsorbent for recombinant human interferon- via hydrophobic interactions. *Materials Science and Engineering C*, **2012**, 32, 937-944	8.3	17
27	Recognition of lysozyme using surface imprinted bacterial cellulose nanofibers. *Journal of Biomaterials Science, Polymer Edition*, **2017**, 28, 1950-1965	3.5	17
26	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. *Biosensors*, **2020**, 10,	5.9	16
25	Monolithic Boronate Affinity Columns for IgG Separation. *Separation Science and Technology*, **2014**, 49, 1555-1565	2.5	13
24	A Snapshot of Microfluidics in Point-of-Care Diagnostics: Multifaceted Integrity with Materials and Sensors. *Advanced Materials Technologies*, **2021**, 6, 2100049	6.8	13
23	Recent Advances in Microneedle-Based Sensors for Sampling, Diagnosis and Monitoring of Chronic Diseases. *Biosensors*, **2021**, 11,	5.9	12
22	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods **2017**, 679-718		10
21	Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection. *Journal of Biomaterials Science, Polymer Edition*, **2020**, 31, 1211-1222	3.5	10
20	Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications. *Current Analytical Chemistry*, **2020**, 16, 196-207	1.7	8
19	Magnetic bacterial cellulose nanofibers for nucleoside recognition. *Cellulose*, **2020**, 27, 9479-9492	5.5	7
18	Surface Plasmon Resonance Sensors for Medical Diagnosis **2018**, 425-458		5
17	Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection. *New Journal of Chemistry*, **2020**, 44, 17654-17663	3.6	5
16	Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system.. *Biosensors and Bioelectronics*, **2022**, 201, 113961	11.8	4
15	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides **2020**, 207-235		3

14	Introduction to Nanoscience, Nanomaterials, Nanocomposite, Nanopolymer, and Engineering Smart Materials. *Nanotechnology in the Life Sciences*, **2019**, 1-12	1.1	2
13	Designing composite cryogel carriers for tyrosine adsorption. *Separation and Purification Technology*, **2021**, 254, 117622	8.3	2
12	Recent advances of medical biosensors for clinical applications. *Medical Devices & Sensors*, **2021**, 4, e10129	2.6	2
11	Nanobiosensors for Biomedical Applications. *Nanotechnology in the Life Sciences*, **2021**, 147-157	1.1	2
10	Ion-Imprinted Polymer-on-a-Sensor for Copper Detection.. *Biosensors*, **2022**, 12,	5.9	1
9	Plasmonic Smart Nanosensors for the Determination of Environmental Pollutants **2020**, 237-279		1
8	Molecularly imprinted plasmonic biosensors for hemoglobin detection **2016**,		1
7	Plasmonic Sensors for Detection of Chemical and Biological Warfare Agents71-85		0
6	Fundamentals and Applications of Molecularly Imprinted Systems **2021**, 1-17		0
5	Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon-□detection. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2022**, 280, 115687	3.1	0
4	Highly Sensitive and Selective Plasmonic Sensing Platforms **2021**, 55-69		
3	Nanosensors for medical diagnosis **2022**, 195-213		
2	Scaling up of biosensors for clinical applications and commercialization **2022**, 407-421		
1	Nanosensors for smartphone-enabled sensing devices **2022**, 85-104		