

YeSeren Saylan

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.

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	Ion-Imprinted Polymer-on-a-Sensor for Copper Detection.. <i>Biosensors</i> , 2022 , 12,	5.9	1
48	Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system.. <i>Biosensors and Bioelectronics</i> , 2022 , 201, 113961	11.8	4
47	Nanosensors for medical diagnosis 2022 , 195-213		
46	Scaling up of biosensors for clinical applications and commercialization 2022 , 407-421		
45	Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon- β detection. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022 , 280, 115687	3.1	0
44	Nanosensors for smartphone-enabled sensing devices 2022 , 85-104		
43	A Snapshot of Microfluidics in Point-of-Care Diagnostics: Multifaceted Integrity with Materials and Sensors. <i>Advanced Materials Technologies</i> , 2021 , 6, 2100049	6.8	13
42	Designing composite cryogel carriers for tyrosine adsorption. <i>Separation and Purification Technology</i> , 2021 , 254, 117622	8.3	2
41	Recent advances of medical biosensors for clinical applications. <i>Medical Devices & Sensors</i> , 2021 , 4, e101296	1.1	2
40	Nanobiosensors for Biomedical Applications. <i>Nanotechnology in the Life Sciences</i> , 2021 , 147-157	1.1	2
39	Highly Sensitive and Selective Plasmonic Sensing Platforms 2021 , 55-69		
38	Recent Advances in Microneedle-Based Sensors for Sampling, Diagnosis and Monitoring of Chronic Diseases. <i>Biosensors</i> , 2021 , 11,	5.9	12
37	Fundamentals and Applications of Molecularly Imprinted Systems 2021 , 1-17		0
36	Advances in Biomimetic Systems for Molecular Recognition and Biosensing. <i>Biomimetics</i> , 2020 , 5,	3.7	22
35	Enhancing the nanoplasmonic signal by a nanoparticle sandwiching strategy to detect viruses. <i>Applied Materials Today</i> , 2020 , 20, 100709	6.6	17
34	Virus detection using nanosensors 2020 , 501-511		19
33	Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020 , 31, 1211-1222	3.5	10

32	Plasmonic Smart Nanosensors for the Determination of Environmental Pollutants 2020 , 237-279		1
31	Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications. <i>Current Analytical Chemistry</i> , 2020 , 16, 196-207	1.7	8
30	A disposable microfluidic-integrated hand-held plasmonic platform for protein detection. <i>Applied Materials Today</i> , 2020 , 18, 100478	6.6	27
29	Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection. <i>New Journal of Chemistry</i> , 2020 , 44, 17654-17663	3.6	5
28	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. <i>Biosensors</i> , 2020 , 10,	5.9	16
27	Magnetic bacterial cellulose nanofibers for nucleoside recognition. <i>Cellulose</i> , 2020 , 27, 9479-9492	5.5	7
26	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides 2020 , 207-235		3
25	Introduction to Nanoscience, Nanomaterials, Nanocomposite, Nanopolymer, and Engineering Smart Materials. <i>Nanotechnology in the Life Sciences</i> , 2019 , 1-12	1.1	2
24	An Alternative Medical Diagnosis Method: Biosensors for Virus Detection. <i>Biosensors</i> , 2019 , 9,	5.9	142
23	Supermacroporous Composite Cryogels in Biomedical Applications. <i>Gels</i> , 2019 , 5,	4.2	43
22	Molecularly Imprinted Polymer Based Sensors for Medical Applications. <i>Sensors</i> , 2019 , 19,	3.8	110
21	Detecting Fingerprints of Waterborne Bacteria on a Sensor. <i>Chemosensors</i> , 2019 , 7, 33	4	21
20	Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications. <i>Micromachines</i> , 2019 , 10,	3.3	18
19	Molecularly imprinted nanoparticles based plasmonic sensors for real-time <i>Enterococcus faecalis</i> detection. <i>Biosensors and Bioelectronics</i> , 2019 , 126, 608-614	11.8	56
18	A Novel On-Chip Method for Differential Extraction of Sperm in Forensic Cases. <i>Advanced Science</i> , 2018 , 5, 1800121	13.6	22
17	Surface Plasmon Resonance Sensors for Medical Diagnosis 2018 , 425-458		5
16	Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method. <i>Biomimetics</i> , 2018 , 3,	3.7	29
15	Microfluidics: A Novel On-Chip Method for Differential Extraction of Sperm in Forensic Cases (Adv. Sci. 9/2018). <i>Advanced Science</i> , 2018 , 5, 1870056	13.6	78

14	Molecular Fingerprints of Hemoglobin on a Nanofilm Chip. <i>Sensors</i> , 2018 , 18,	3.8	42
13	Synthesis of hydrophobic nanoparticles for real-time lysozyme detection using surface plasmon resonance sensor. <i>Journal of Molecular Recognition</i> , 2017 , 30, e2631	2.6	31
12	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods 2017 , 679-718		10
11	Recognition of lysozyme using surface imprinted bacterial cellulose nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 1950-1965	3.5	17
10	Molecular Imprinting of Macromolecules for Sensor Applications. <i>Sensors</i> , 2017 , 17,	3.8	96
9	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	8.5	81
8	Surface plasmon resonance sensors for real-time detection of cyclic citrullinated peptide antibodies. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016 , 53, 585-594	2.2	20
7	Molecularly imprinted plasmonic biosensors for hemoglobin detection 2016 ,		1
6	Alanine Functionalized Magnetic Nanoparticles for Reversible Amyloglucosidase Immobilization. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 454-461	3.9	20
5	Monolithic Boronate Affinity Columns for IgG Separation. <i>Separation Science and Technology</i> , 2014 , 49, 1555-1565	2.5	13
4	Surface imprinting approach for preparing specific adsorbent for IgG separation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014 , 25, 881-94	3.5	31
3	Hydrophobic microbeads as an alternative pseudo-affinity adsorbent for recombinant human interferon- γ via hydrophobic interactions. <i>Materials Science and Engineering C</i> , 2012 , 32, 937-944	8.3	17
2	l-Histidine imprinted supermacroporous cryogels for protein recognition. <i>Separation and Purification Technology</i> , 2011 , 82, 28-35	8.3	57
1	Plasmonic Sensors for Detection of Chemical and Biological Warfare Agents71-85		0