YeÅeren Saylan

List of Publications by Year
in descending order

48 papers	1,615 citations	331259 21 h-index	301761 39 g-index
52 all docs	52 docs citations	52 times ranked	1505 citing authors

#	Article	IF	Citations
1	An Alternative Medical Diagnosis Method: Biosensors for Virus Detection. Biosensors, 2019, 9, 65.	2.3	201
2	Molecularly Imprinted Polymer Based Sensors for Medical Applications. Sensors, 2019, 19, 1279.	2.1	180
3	Molecular Imprinting of Macromolecules for Sensor Applications. Sensors, 2017, 17, 898.	2.1	133
4	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.	4.0	105
5	Molecularly imprinted nanoparticles based plasmonic sensors for real-time Enterococcus faecalis detection. Biosensors and Bioelectronics, 2019, 126, 608-614.	5.3	77
6	Supermacroporous Composite Cryogels in Biomedical Applications. Gels, 2019, 5, 20.	2.1	68
7	l-Histidine imprinted supermacroporous cryogels for protein recognition. Separation and Purification Technology, 2011, 82, 28-35.	3.9	63
8	Advances in Biomimetic Systems for Molecular Recognition and Biosensing. Biomimetics, 2020, 5, 20.	1.5	52
9	Molecular Fingerprints of Hemoglobin on a Nanofilm Chip. Sensors, 2018, 18, 3016.	2.1	51
10	Recent Advances in Microneedle-Based Sensors for Sampling, Diagnosis and Monitoring of Chronic Diseases. Biosensors, 2021, 11, 296.	2.3	49
11	A disposable microfluidic-integrated hand-held plasmonic platform for protein detection. Applied Materials Today, 2020, 18, 100478.	2.3	45
12	Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method. Biomimetics, 2018, 3, 38.	1.5	38
13	Synthesis of hydrophobic nanoparticles for realâ€time lysozyme detection using surface plasmon resonance sensor. Journal of Molecular Recognition, 2017, 30, e2631.	1.1	37
14	Surface imprinting approach for preparing specific adsorbent for IgG separation. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 881-894.	1.9	34
15	A Novel Onâ€Chip Method for Differential Extraction of Sperm in Forensic Cases. Advanced Science, 2018, 5, 1800121.	5.6	34
16	Plasmonic Sensors for Monitoring Biological and Chemical Threat Agents. Biosensors, 2020, 10, 142.	2.3	34
17	Detecting Fingerprints of Waterborne Bacteria on a Sensor. Chemosensors, 2019, 7, 33.	1.8	33
18	A Snapshot of Microfluidics in Pointâ€ofâ€Care Diagnostics: Multifaceted Integrity with Materials and Sensors. Advanced Materials Technologies, 2021, 6, 2100049.	3.0	31

#	Article	IF	Citations
19	Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications. Micromachines, 2019, 10, 766.	1.4	29
20	Enhancing the nanoplasmonic signal by a nanoparticle sandwiching strategy to detect viruses. Applied Materials Today, 2020, 20, 100709.	2.3	26
21	Virus detection using nanosensors. , 2020, , 501-511.		26
22	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.	1.2	23
23	Alanine Functionalized Magnetic Nanoparticles for Reversible Amyloglucosidase Immobilization. Industrial & Engineering Chemistry Research, 2015, 54, 454-461.	1.8	22
24	Recognition of lysozyme using surface imprinted bacterial cellulose nanofibers. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1950-1965.	1.9	20
25	Ion-Imprinted Polymer-on-a-Sensor for Copper Detection. Biosensors, 2022, 12, 91.	2.3	20
26	Hydrophobic microbeads as an alternative pseudo-affinity adsorbent for recombinant human interferon-Î± via hydrophobic interactions. Materials Science and Engineering C, 2012, 32, 937-944.	3.8	17
27	Magnetic bacterial cellulose nanofibers for nucleoside recognition. Cellulose, 2020, 27, 9479-9492.	2.4	17
28	Selective Amplification of Plasmonic Sensor Signal for Cortisol Detection Using Gold Nanoparticles. Biosensors, 2022, 12, 482.	2.3	17
29	Monolithic Boronate Affinity Columns for IgG Separation. Separation Science and Technology, 2014, 49, 1555-1565.	1.3	16
30	Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1211-1222.	1.9	15
31	Unifying the Efforts of Medicine, Chemistry, and Engineering in Biosensing Technologies to Tackle the Challenges of the COVID-19 Pandemic. Analytical Chemistry, 2022, 94, 3-25.	3.2	13
32	Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system. Biosensors and Bioelectronics, 2022, 201, 113961.	5.3	12
33	Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods. , 2017, , 679-718.		11
34	Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications. Current Analytical Chemistry, 2020, 16, 196-207.	0.6	11
35	Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon-Î± detection. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 280, 115687.	1.7	11
36	Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection. New Journal of Chemistry, 2020, 44, 17654-17663.	1.4	10

#	Article	IF	Citations
37	Designing composite cryogel carriers for tyrosine adsorption. Separation and Purification Technology, 2021, 254, 117622.	3.9	7
38	Recent advances of medical biosensors for clinical applications. Medical Devices & Sensors, 2021, 4, e10129.	2.7	7
39	Surface Plasmon Resonance Sensors for Medical Diagnosis. , 2018, , 425-458.		6
40	Molecularly Imprinted Sensors for Detecting Controlled Release of Pesticides. , 2020, , 207-235.		3
41	Introduction to Nanoscience, Nanomaterials, Nanocomposite, Nanopolymer, and Engineering Smart Materials. Nanotechnology in the Life Sciences, 2019, , 1-12.	0.4	2
42	Nanobiosensors for Biomedical Applications. Nanotechnology in the Life Sciences, 2021, , 147-157.	0.4	2
43	Molecularly imprinted plasmonic biosensors for hemoglobin detection. , 2016, , .		1
44	Nanosensors for medical diagnosis. , 2022, , 195-213.		1
45	Fundamentals and Applications of Molecularly Imprinted Systems. , 2021, , 1-17.		1
46	Microfluidics: A Novel Onâ€Chip Method for Differential Extraction of Sperm in Forensic Cases (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.6	0
47	Scaling up of biosensors for clinical applications and commercialization. , 2022, , 407-421.		0
48	Nanosensors for smartphone-enabled sensing devices. , 2022, , 85-104.		0