

SÄ°bel EmÄ°r DÄ°ltemÄ°z

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,285
citations

361045

20
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

1336
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro and nanoscale technologies in oral drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 157, 37-62.	6.6	123
2	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008, 75, 890-896.	2.9	107
3	Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. <i>Sensors</i> , 2017, 17, 454.	2.1	81
4	Removal of phenolic compounds with nitrophenol-imprinted polymer based on hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004, 38, 173-179.	3.9	77
5	Designing of MIP based QCM sensor having thymine recognition sites based on biomimicking DNA approach. <i>Biosensors and Bioelectronics</i> , 2009, 25, 599-603.	5.3	61
6	Advances in biomedical applications of self-healing hydrogels. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4368-4400.	3.2	51
7	High-performance formaldehyde adsorption on CuO/ZnO composite nanofiber coated QCM sensors. <i>Journal of Alloys and Compounds</i> , 2019, 783, 608-616.	2.8	50
8	Smart Contact Lenses for Biosensing Applications. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000263.	3.3	50
9	Brain-on-a-chip: Recent advances in design and techniques for microfluidic models of the brain in health and disease. <i>Biomaterials</i> , 2022, 285, 121531.	5.7	48
10	Metal-complexing ligand methacryloylamidocysteine containing polymer beads for Cd(II) removal. <i>Separation and Purification Technology</i> , 2003, 30, 3-10.	3.9	47
11	Gold-silver nanoclusters having dipicolinic acid imprinted nanoshell for <i>Bacillus cereus</i> spores recognition. <i>Talanta</i> , 2009, 78, 1332-1338.	2.9	41
12	Synergie between molecular imprinted polymer based on solid-phase extraction and quartz crystal microbalance technique for 8-OHdG sensing. <i>Biosensors and Bioelectronics</i> , 2008, 24, 742-747.	5.3	40
13	8-OHdG sensing with MIP based solid phase extraction and QCM technique. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 7-11.	4.0	40
14	Preparation and Characterization of the Newly Synthesized Metal-Complexing-Ligand N-Methacryloylhistidine Having PHEMA Beads for Heavy Metal Removal from Aqueous Solutions. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 539-545.	1.7	36
15	Preparation of poly(hydroxyethyl methacrylate-co-methacrylamidohistidine) beads and its design as a affinity adsorbent for Cu(II) removal from aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 196, 199-207.	2.3	34
16	Molecularly imprinted ligand-exchange recognition assay of DNA by SPR system using guanosine and guanine recognition sites of DNA. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 484-488.	4.0	33
17	New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors. <i>Analyst</i> , 2013, 138, 1558.	1.7	33
18	4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. <i>Materials Science and Engineering C</i> , 2013, 33, 824-830.	3.8	25

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19	Paraoxon imprinted biopolymer based QCM sensor. <i>Materials Chemistry and Physics</i> , 2013, 139, 107-112.	2.0	24
20	Ligand exchange based paraoxon imprinted QCM sensor. <i>Materials Science and Engineering C</i> , 2013, 33, 938-942.	3.8	24
21	A reflectometric interferometric nanosensor for sarcosine. <i>Biotechnology Progress</i> , 2015, 31, 55-61.	1.3	20
22	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016, 69, 231-235.	3.8	20
23	Use of artificial cells as drug carriers. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6672-6692.	3.2	20
24	Role of biomaterials in the diagnosis, prevention, treatment, and study of corona virus disease 2019 (COVID-19). <i>Emergent Materials</i> , 2021, 4, 35-55.	3.2	19
25	Investigation of photosensitively bioconjugated targeted quantum dots for the labeling of Cu/Zn superoxide dismutase in fixed cells and tissue sections. <i>Histochemistry and Cell Biology</i> , 2011, 135, 523-530.	0.8	18
26	3D Micropatterned All-Cellulose Flexible Microfluidic Platform for Microwave-Assisted Flow Organic Synthesis. <i>ChemPlusChem</i> , 2018, 83, 42-46.	1.3	18
27	Development of QCM based biosensor for the selective and sensitive detection of paraoxon. <i>Analytical Biochemistry</i> , 2020, 591, 113572.	1.1	18
28	Novel methacryloylamidophenylalanine functionalized porous chelating beads for adsorption of heavy metal ions. <i>Advances in Polymer Technology</i> , 2003, 22, 355-364.	0.8	17
29	Micro and Nanoscale Technologies for Diagnosis of Viral Infections. <i>Small</i> , 2021, 17, e2100692.	5.2	16
30	Advances in microfabrication technologies in tissue engineering and regenerative medicine. <i>Artificial Organs</i> , 2022, 46, .	1.0	16
31	Comparison of Adsorption and Selectivity Characteristics for 4-Nitrophenol Imprinted Polymers Prepared via Bulk and Suspension Polymerization. <i>Separation Science and Technology</i> , 2005, 39, 3471-3484.	1.3	15
32	Heavy Metal Ion Adsorption Properties of Methacrylamidocysteine-Containing Porous Poly(Hydroxyethyl Methacrylate) Chelating Beads. <i>Adsorption Science and Technology</i> , 2002, 20, 607-617.	1.5	14
33	In situ and non-cytotoxic cross-linking strategy for 3D printable biomaterials. <i>Soft Matter</i> , 2021, 17, 1008-1015.	1.2	12
34	Nanolabel for TNF- α determination. <i>Applied Surface Science</i> , 2013, 275, 233-238.	3.1	10
35	A powerful combination in designing polymeric scaffolds: 3D bioprinting and cryogelation. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020, , 1-13.	1.8	9
36	Silan based paraoxon memories onto QCM electrodes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1788-1792.	2.9	7

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37	Ligand exchange and MIP-based paraoxon memories onto QCM sensor. Applied Physics A: Materials Science and Processing, 2015, 119, 351-357.	1.1	7
38	Smart Contact Lenses for Biosensing Applications. Advanced Intelligent Systems, 2021, 3, 2170047.	3.3	3
39	Carbonic Anhydrase Carrying Electrospun Nanofibers for Biocatalysis Applications. Protein and Peptide Letters, 2021, 28, 520-532.	0.4	1
40	Development of acetylcholinesterase immobilized CMD (Carboxymethyl dextran) chip-based sensor for the detection of nerve agent simulant parathion. Cumhuriyet Science Journal, 2020, 41, 815-825.	0.1	0