

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	Advances in microfabrication technologies in tissue engineering and regenerative medicine. Artificial Organs, 2022, 46, .	1.0	16
2	Brain-on-a-chip: Recent advances in design and techniques for microfluidic models of the brain in health and disease. Biomaterials, 2022, 285, 121531.	5.7	48
3	<i>In situ</i> and non-cytotoxic cross-linking strategy for 3D printable biomaterials. Soft Matter, 2021, 17, 1008-1015.	1.2	12
4	Use of artificial cells as drug carriers. Materials Chemistry Frontiers, 2021, 5, 6672-6692.	3.2	20
5	Role of biomaterials in the diagnosis, prevention, treatment, and study of corona virus disease 2019 (COVID-19). Emergent Materials, 2021, 4, 35-55.	3.2	19
6	Smart Contact Lenses for Biosensing Applications. Advanced Intelligent Systems, 2021, 3, 2170047.	3.3	3
7	Smart Contact Lenses for Biosensing Applications. Advanced Intelligent Systems, 2021, 3, 2000263.	3.3	50
8	Carbonic Anhydrase Carrying Electrospun Nanofibers for Biocatalysis Applications. Protein and Peptide Letters, 2021, 28, 520-532.	0.4	1
9	Micro and Nanoscale Technologies for Diagnosis of Viral Infections. Small, 2021, 17, e2100692.	5.2	16
10	Advances in biomedical applications of self-healing hydrogels. Materials Chemistry Frontiers, 2021, 5, 4368-4400.	3.2	51
11	Development of QCM based biosensor for the selective and sensitive detection of paraoxon. Analytical Biochemistry, 2020, 591, 113572.	1.1	18
12	Micro and nanoscale technologies in oral drug delivery. Advanced Drug Delivery Reviews, 2020, 157, 37-62.	6.6	123
13	A powerful combination in designing polymeric scaffolds: 3D bioprinting and cryogelation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, , 1-13.	1.8	9
14	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
15	High-performance formaldehyde adsorption on CuO/ZnO composite nanofiber coated QCM sensors. Journal of Alloys and Compounds, 2019, 783, 608-616.	2.8	50
16	3D Micropatterned All-€Flexible Microfluidic Platform for Microwave-€Assisted Flow Organic Synthesis. ChemPlusChem, 2018, 83, 42-46.	1.3	18
17	Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. Sensors, 2017, 17, 454.	2.1	81
18	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. Materials Science and Engineering C, 2016, 69, 231-235.	3.8	20

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19	A reflectometric interferometric nanosensor for sarcosine. <i>Biotechnology Progress</i> , 2015, 31, 55-61.	1.3	20
20	Ligand exchange and MIP-based paraoxon memories onto QCM sensor. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 351-357.	1.1	7
21	Nanolabel for TNF- α determination. <i>Applied Surface Science</i> , 2013, 275, 233-238.	3.1	10
22	Silan based paraoxon memories onto QCM electrodes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1788-1792.	2.9	7
23	Paraoxon imprinted biopolymer based QCM sensor. <i>Materials Chemistry and Physics</i> , 2013, 139, 107-112.	2.0	24
24	4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. <i>Materials Science and Engineering C</i> , 2013, 33, 824-830.	3.8	25
25	Ligand exchange based paraoxon imprinted QCM sensor. <i>Materials Science and Engineering C</i> , 2013, 33, 938-942.	3.8	24
26	New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors. <i>Analyst, The</i> , 2013, 138, 1558.	1.7	33
27	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
28	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
29	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
30	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
31	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
32	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
33	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008, 75, 890-896.	2.9	107
34	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
35	Removal of phenolic compounds with nitrophenol-imprinted polymer based on π - π and hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004, 38, 173-179.	3.9	77
36	Metal-complexing ligand methacryloylamidocysteine containing polymer beads for Cd(II) removal. <i>Separation and Purification Technology</i> , 2003, 30, 3-10.	3.9	47

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37	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
38	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
39	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
40	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