

Fatma Nese Kok

List of Publications by Year in descending order

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50
papers

786
citations

516710

16
h-index

526287

27
g-index

54
all docs

54
docs citations

54
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of an acetylcholinesteraseâ€“choline oxidase biosensor for aldicarb determination. <i>Biosensors and Bioelectronics</i> , 2002, 17, 531-539.	10.1	86
2	Determination of binary pesticide mixtures by an acetylcholinesteraseâ€“choline oxidase biosensor. <i>Biosensors and Bioelectronics</i> , 2004, 19, 661-665.	10.1	81
3	Incorporation of growth factor loaded microspheres into polymeric electrospun nanofibers for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1897-1908.	4.0	47
4	Incorporation of integrins into artificial planar lipid membranes: characterization by plasmon-enhanced fluorescence spectroscopy. <i>Analytical Biochemistry</i> , 2004, 333, 216-224.	2.4	41
5	Effect of double growth factor release on cartilage tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 149-160.	2.7	40
6	Construction of P-glycoprotein incorporated tethered lipid bilayer membranes. <i>Biochemistry and Biophysics Reports</i> , 2015, 2, 115-122.	1.3	34
7	Magnesium substituted hydroxyapatite formation on (Ti,Mg)N coatings produced by cathodic arc PVD technique. <i>Materials Science and Engineering C</i> , 2013, 33, 4337-4342.	7.3	32
8	Microfluidic device on a nonwoven fabric: A potential biosensor for lactate detection. <i>Textile Reseach Journal</i> , 2014, 84, 1729-1741.	2.2	31
9	Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 719-726.	7.8	30
10	Controlled release of aldicarb from lignin loaded ionotropic hydrogel microspheres. <i>Journal of Microencapsulation</i> , 1999, 16, 613-623.	2.8	28
11	Controlled release of aldicarb from carboxymethyl cellulose microspheres:in vitroand field applications. <i>Pest Management Science</i> , 1999, 55, 1194-1202.	0.4	26
12	Design and fabrication of a new nonwoven-textile based platform for biosensor construction. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 475-484.	7.8	24
13	Immobilization of acetylcholinesterase and choline oxidase in/on pHEMA membrane for biosensor construction. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001, 12, 1161-1176.	3.5	23
14	Immobilization of laccase on polymer grafted polytetrafluoroethylene membranes for biosensor construction. <i>Talanta</i> , 2011, 84, 524-530.	5.5	22
15	Role of STRO-1 sorting of porcine dental germ stem cells in dental stem cell-mediated bone tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 607-618.	2.8	18
16	Biomimetic lipid bilayers on solid surfaces: models for biological interactions. <i>Surface Innovations</i> , 2016, 4, 141-157.	2.3	17
17	Alteration of PTFE Surface to Increase Its Blood Compatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1443-1457.	3.5	16
18	Lactate detection by colorimetric measurement in real human sweat by microfluidic-based biosensor on flexible substrate. <i>Journal of the Textile Institute</i> , 2019, 110, 1725-1732.	1.9	16

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19	Biodegradation of aldicarb in a packed-bed reactor by immobilized Methylosinus. <i>Enzyme and Microbial Technology</i> , 1999, 24, 291-296.	3.2	13
20	Behavior of mammalian cells on magnesium substituted bare and hydroxyapatite deposited (Ti,Mg)N coatings. <i>New Biotechnology</i> , 2015, 32, 747-755.	4.4	13
21	Magnesium doping on TiN coatings affects mesenchymal stem cell differentiation and proliferation positively in a dose-dependent manner. <i>Bio-Medical Materials and Engineering</i> , 2018, 29, 427-438.	0.6	13
22	Evaluation of natural gum-based cryogels for soft tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 271, 118407.	10.2	13
23	Neural delay lines for TDMA based molecular communication in neural networks. , 2012, , .		11
24	The effect of thiolated phospholipids on formation of supported lipid bilayers on gold substrates investigated by surface-sensitive methods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 117-125.	5.0	11
25	Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 605-622.	3.4	11
26	Construction of an oxygen detection-based optic laccase biosensor for polyphenolic compound detection. <i>Turkish Journal of Biology</i> , 2016, 40, 1303-1310.	0.8	8
27	Effect of Magnesium and Osteoblast Cell Presence on Hydroxyapatite Formation on (Ti,Mg)N Thin Film Coatings. <i>Jom</i> , 2017, 69, 1195-1205.	1.9	8
28	Peptide-functionalized supported lipid bilayers to construct cell membrane mimicking interfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 18-26.	5.0	8
29	Microfluidic Nonwoven-Based Device as a Potential Biosensor for Sweat Analysis. <i>Applied Mechanics and Materials</i> , 0, 490-491, 274-279.	0.2	7
30	Quartz crystal microbalance with dissipation as a biosensing platform to evaluate cell-surface interactions of osteoblast cells. <i>Biointerphases</i> , 2018, 13, 011001.	1.6	7
31	Construction of a sandwich-type wound dressing with pain-reliever and pH-responsive antibiotic delivery system. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48252.	2.6	7
32	Characterization of aquaporin Z-incorporated proteoliposomes with QCM-D. <i>Surface Innovations</i> , 2019, 7, 133-142.	2.3	7
33	A functional coating to enhance antibacterial and bioactivity properties of titanium implants and its performance in vitro. <i>Journal of Biomaterials Applications</i> , 2021, 35, 655-669.	2.4	7
34	Employing TDMA Protocol in Neural Nanonetworks in Case of Neuron Specific Faults. <i>IEEE Transactions on Nanobioscience</i> , 2015, 14, 572-580.	3.3	5
35	A multifunctional long-term release system for treatment of hypothyroidism. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 760-759.	4.0	5
36	Encapsulation of food flavors via coacervation method. <i>Current Opinion in Biotechnology</i> , 2011, 22, S96.	6.6	4

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37	In vitro evaluation of PLLA/PBS sponges as a promising biodegradable scaffold for neural tissue engineering. Turkish Journal of Biology, 2017, 41, 734-745.	0.8	4
38	Statistical multiplexing for neural nanonetworks in case of neuron specific faults. , 2014, , .		2
39	Microwave Dielectric properties of Osteosarcoma Cell Line (SAOS-2) Suspensions. , 2019, , .		2
40	Broadband Microwave Dielectric Property Comparison of Human Fetal Osteoblastic (hFOB) and Osteosarcoma (SaOS-2) Cell Lines. , 2020, , .		2
41	Assessment of bone healing using (<sc>Ti,Mg)N</sc> thin film coated plates and screws: Rabbit femur model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 227-237.	3.4	2
42	Bionanotechnology: Lessons from Nature for Better Material Properties. Nanoscience and Technology, 2016, , 535-553.	1.5	1
43	Surface Plasmon Florescence Spectroscopy Based Biosensor for Cholera Toxin Detection. , 2017, , .		1
44	Construction of a bioraactor for the degradation of the pesticide, aldicarb. Studies in Environmental Science, 1997, , 603-610.	0.0	0
45	Investigating of interactions between statin-based cholesterol lowering drugs with p-glycoprotein membrane protein by molecular modeling. Current Opinion in Biotechnology, 2011, 22, S124.	6.6	0
46	Polyblend nanofibers as tissue engineering matrices. New Biotechnology, 2012, 29, S112.	4.4	0
47	Fabrication of a Textile-Based Platform for Rapid Analyte Detection. Applied Mechanics and Materials, 0, 490-491, 1611-1616.	0.2	0
48	Molecular Modelling in Biosensor Desgin for Cholera Toxin Detection. , 2017, , .		0
49	An in vitro human skeletal muscle model: coculture of myotubes,neuron-like cells, and the capillary network. Turkish Journal of Biology, 2017, 41, 514-525.	0.8	0
50	Detection of Cholera Toxin with Surface Plasmonâ€Field Enhanced Fluorescent Spectroscopy (SPFS). Biotechnology and Applied Biochemistry, 2021, , .	3.1	0