

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	Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 605-622.	3.4	11
2	A functional coating to enhance antibacterial and bioactivity properties of titanium implants and its performance in vitro. Journal of Biomaterials Applications, 2021, 35, 655-669.	2.4	7
3	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
4	Detection of Cholera Toxin with Surface Plasmonâ€Field Enhanced Fluorescent Spectroscopy (SPFS). Biotechnology and Applied Biochemistry, 2021, , .	3.1	0
5	Evaluation of natural gum-based cryogels for soft tissue engineering. Carbohydrate Polymers, 2021, 271, 118407.	10.2	13
6	A multifunctional longâ€term release system for treatment of hypothyroidism. Journal of Biomedical Materials Research - Part A, 2020, 108, 760-759.	4.0	5
7	Broadband Microwave Dielectric Property Comparison of Human Fetal Osteoblastic (hFOB) and Osteosarcoma (SaOS-2) Cell Lines. , 2020, , .		2
8	Construction of a sandwichâ€type wound dressing with painâ€reliever and pHâ€responsive antibiotic delivery system. Journal of Applied Polymer Science, 2019, 136, 48252.	2.6	7
9	Lactate detection by colorimetric measurement in real human sweat by microfluidic-based biosensor on flexible substrate. Journal of the Textile Institute, 2019, 110, 1725-1732.	1.9	16
10	Microwave Dielectric properties of Osteosarcoma Cell Line (SAOS-2) Suspensions. , 2019, , .		2
11	Peptide-functionalized supported lipid bilayers to construct cell membrane mimicking interfaces. Colloids and Surfaces B: Biointerfaces, 2019, 176, 18-26.	5.0	8
12	Characterization of aquaporin Z-incorporated proteoliposomes with QCM-D. Surface Innovations, 2019, 7, 133-142.	2.3	7
13	Quartz crystal microbalance with dissipation as a biosensing platform to evaluate cellâ€surface interactions of osteoblast cells. Biointerphases, 2018, 13, 011001.	1.6	7
14	Role of STRO-1 sorting of porcine dental germ stem cells in dental stem cell-mediated bone tissue engineering. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 607-618.	2.8	18
15	Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers. Sensors and Actuators B: Chemical, 2018, 254, 719-726.	7.8	30
16	Magnesium doping on TiN coatings affects mesenchymal stem cell differentiation and proliferation positively in a dose-dependent manner. Bio-Medical Materials and Engineering, 2018, 29, 427-438.	0.6	13
17	Effect of Magnesium and Osteoblast Cell Presence on Hydroxyapatite Formation on (Ti,Mg)N Thin Film Coatings. Jom, 2017, 69, 1195-1205.	1.9	8
18	The effect of thiolated phospholipids on formation of supported lipid bilayers on gold substrates investigated by surface-sensitive methods. Colloids and Surfaces B: Biointerfaces, 2017, 160, 117-125.	5.0	11

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19	Molecular Modelling in Biosensor Design for Cholera Toxin Detection. , 2017, , .		0
20	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
21	Surface Plasmon Florescence Spectroscopy Based Biosensor for Cholera Toxin Detection. , 2017, , .		1
22	In vitro evaluation of PLLA/PBS sponges as a promisingbiodegradable scaffold for neural tissue engineering. Turkish Journal of Biology, 2017, 41, 734-745.	0.8	4
23	Construction of an oxygen detection-based optic laccase biosensor for polyphenolic compound detection. Turkish Journal of Biology, 2016, 40, 1303-1310.	0.8	8
24	Biomimetic lipid bilayers on solid surfaces: models for biological interactions. Surface Innovations, 2016, 4, 141-157.	2.3	17
25	Bionanotechnology: Lessons from Nature for Better Material Properties. Nanoscience and Technology, 2016, , 535-553.	1.5	1
26	Behavior of mammalian cells on magnesium substituted bare and hydroxyapatite deposited (Ti,Mg)N coatings. New Biotechnology, 2015, 32, 747-755.	4.4	13
27	Construction of P-glycoprotein incorporated tethered lipid bilayer membranes. Biochemistry and Biophysics Reports, 2015, 2, 115-122.	1.3	34
28	Employing TDMA Protocol in Neural Nanonetworks in Case of Neuron Specific Faults. IEEE Transactions on Nanobioscience, 2015, 14, 572-580.	3.3	5
29	Design and fabrication of a new nonwoven-textile based platform for biosensor construction. Sensors and Actuators B: Chemical, 2015, 208, 475-484.	7.8	24
30	Statistical multiplexing for neural nanonetworks in case of neuron specific faults. , 2014, , .		2
31	Microfluidic device on a nonwoven fabric: A potential biosensor for lactate detection. Textile Reseach Journal, 2014, 84, 1729-1741.	2.2	31
32	Incorporation of growth factor loaded microspheres into polymeric electrospun nanofibers for tissue engineering applications. Journal of Biomedical Materials Research - Part A, 2014, 102, 1897-1908.	4.0	47
33	Effect of double growth factor release on cartilage tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 149-160.	2.7	40
34	Magnesium substituted hydroxyapatite formation on (Ti,Mg)N coatings produced by cathodic arc PVD technique. Materials Science and Engineering C, 2013, 33, 4337-4342.	7.3	32
35	Polyblend nanofibers as tissue engineering matrices. New Biotechnology, 2012, 29, S112.	4.4	0
36	Neural delay lines for TDMA based molecular communication in neural networks. , 2012, , .		11

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37	Alteration of PTFE Surface to Increase Its Blood Compatibility. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1443-1457.	3.5	16
38	Immobilization of laccase on polymer grafted polytetrafluoroethylene membranes for biosensor construction. <i>Talanta</i> , 2011, 84, 524-530.	5.5	22
39	Encapsulation of food flavors via coacervation method. <i>Current Opinion in Biotechnology</i> , 2011, 22, S96.	6.6	4
40	Investigating of interactions between statin-based cholesterol lowering drugs with p-glycoprotein membrane protein by molecular modeling. <i>Current Opinion in Biotechnology</i> , 2011, 22, S124.	6.6	0
41	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
42	Determination of binary pesticide mixtures by an acetylcholinesterase-choline oxidase biosensor. <i>Biosensors and Bioelectronics</i> , 2004, 19, 661-665.	10.1	81
43	Construction of an acetylcholinesterase-choline oxidase biosensor for aldicarb determination. <i>Biosensors and Bioelectronics</i> , 2002, 17, 531-539.	10.1	86
44	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
45	Biodegradation of aldicarb in a packed-bed reactor by immobilized <i>Methylosinus</i> . <i>Enzyme and Microbial Technology</i> , 1999, 24, 291-296.	3.2	13
46	Controlled release of aldicarb from carboxymethyl cellulose microspheres: in vitro and field applications. <i>Pest Management Science</i> , 1999, 55, 1194-1202.	0.4	26
47	Controlled release of aldicarb from lignin loaded ionotropic hydrogel microspheres. <i>Journal of Microencapsulation</i> , 1999, 16, 613-623.	2.8	28
48	Construction of a bioractor for the degradation of the pesticide, aldicarb. <i>Studies in Environmental Science</i> , 1997, , 603-610.	0.0	0
49	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
50	Fabrication of a Textile-Based Platform for Rapid Analyte Detection. <i>Applied Mechanics and Materials</i> , 0, 490-491, 1611-1616.	0.2	0