

Necdet Saglam

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

561
citations

13
h-index

22
g-index

50
ext. papers

670
ext. citations

3.9
avg. IF

4.05
L-index

#	Paper	IF	Citations
43	Biosorption of inorganic mercury and alkylmercury species on to <i>Phanerochaete chrysosporium</i> mycelium. <i>Process Biochemistry</i> , 1999 , 34, 725-730	4.8	76
42	Chitosan nanoparticles enhances the anti-quorum sensing activity of kaempferol. <i>International Journal of Biological Macromolecules</i> , 2017 , 94, 653-662	7.9	68
41	Kaempferol loaded lecithin/chitosan nanoparticles: preparation, characterization, and their potential applications as a sustainable antifungal agent. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 907-916	6.1	56
40	Preparation and Characterization of Magnetically Responsive Bacterial Polyester Based Nanospheres for Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2012 , 8, 800-808	4	28
39	The coupling of immunomagnetic enrichment of bacteria with paper-based platform. <i>Talanta</i> , 2019 , 201, 245-252	6.2	25
38	Removal of cadmium by <i>Pleurotus sajor-caju</i> basidiomycetes. <i>Acta Biotechnologica</i> , 1999 , 19, 171-177		25
37	Rapid sensing of Cu ²⁺ in water and biological samples by sensitive molecularly imprinted based plasmonic biosensor. <i>Microchemical Journal</i> , 2019 , 148, 141-150	4.8	24
36	Nanotoxicity: a challenge for future medicine. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1180-1196	2.7	22
35	Copper Biosorption on Magnetically Modified Yeast Cells Under Magnetic Field. <i>Separation Science and Technology</i> , 2011 , 46, 1045-1051	2.5	20
34	Students' understanding of genetics concepts: the effect of reasoning ability and learning approaches. <i>Journal of Biological Education</i> , 2014 , 48, 63-70	0.9	19
33	Immobilization of laccase onto a porous nanocomposite: application for textile dye degradation. <i>Turkish Journal of Chemistry</i> , 2016 , 40, 262-276	1	19
32	Purification and characterization of superoxide dismutase from <i>Phanerochaete chrysosporium</i> . <i>Enzyme and Microbial Technology</i> , 1999 , 25, 392-399	3.8	18
31	Oxidative stress parameters of L929 cells cultured on plasma-modified PDLA scaffolds. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 164, 780-92	3.2	15
30	Comparative Study of Inhibitory Potential of Dietary Phytochemicals Against Quorum Sensing Activity of and Biofilm Formation by 12472, and Swimming and Swarming Behaviour of PAO1. <i>Food Technology and Biotechnology</i> , 2019 , 57, 212-221	2.1	13
29	Surface-enhanced Raman probe for rapid nanoextraction and detection of erythropoietin in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8447-8456	4.4	12
28	Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 921-934	4.3	11
27	SERS-based ultrafast and sensitive detection of luteinizing hormone in human serum using a passive microchip. <i>Sensors and Actuators B: Chemical</i> , 2018 , 269, 314-321	8.5	11

26	Synthesis and characterization of silver nanoparticles integrated in polyvinyl alcohol nanofibers for bionanotechnological applications. <i>Turkish Journal of Biology</i> , 2016 , 40, 643-651	3.1	11
25	Surface-modified bacterial nanofibrillar PHB scaffolds for bladder tissue repair. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 74-82	6.1	9
24	Phenol removal from wastewater by surface imprinted bacterial cellulose nanofibres. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 3134-3145	2.6	9
23	Replacement of antibodies with bacteriophages in lateral flow assay of Salmonella Enteritidis. <i>Biosensors and Bioelectronics</i> , 2021 , 189, 113383	11.8	9
22	Partitioning of industrial cellulase in aqueous two-phase systems from <i>Trichoderma viride</i> QM9414. <i>Process Biochemistry</i> , 2001 , 36, 1075-1080	4.8	8
21	Investigation the potential use of silver nanoparticles synthesized by propolis extract as N-acyl-homoserine lactone-mediated quorum sensing systems inhibitor. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1147-1156	2.7	7
20	Innovation of Strategies and Challenges for Fungal Nanobiotechnology. <i>Fungal Biology</i> , 2016 , 25-46	2.3	6
19	Nanofabrication and characterization of PVA/organofiller/Ag nanocoatings on pMAD plasmids. <i>Applied Surface Science</i> , 2014 , 318, 127-131	6.7	5
18	Omics era in forensic medicine: towards a new age. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1480-1490	4.9	5
17	Development of a two-tier diagnostic test concerning genetics concepts: the study of validity and reliability. <i>Procedia, Social and Behavioral Sciences</i> , 2009 , 1, 2685-2686		4
16	Investigating the effects of gender and school type on students' learning orientations. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 2, 3378-3382		3
15	Utilization of gold nanostructures in biomedical applications		3
14	Surface enhanced Raman spectroscopy as a novel tool for rapid quantification of heroin and metabolites in saliva. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1470-1479	2.7	3
13	Characterization of Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications. <i>Journal of Electronic Materials</i> , 2016 , 45, 3835-3841	1.9	3
12	Introduction to Nanoscience, Nanomaterials, Nanocomposite, Nanopolymer, and Engineering Smart Materials. <i>Nanotechnology in the Life Sciences</i> , 2019 , 1-12	1.1	2
11	A disposable gold-cellulose nanofibril platform for SERS mapping. <i>Analytical Methods</i> , 2020 , 12, 3164-3172	3.2	2
10	Bioremediation Applications with Fungi. <i>Fungal Biology</i> , 2018 , 1-37	2.3	2
9	Anti Wnt-1 Monoclonal Antibody Conjugated with Gold Nanoparticles, Induced Apoptosis on MCF-7 Breast Cancer Cell Lines. <i>Journal of Nano Research</i> , 2019 , 58, 1-9	1	2

8	Plasma polymerization-modified bacterial polyhydroxybutyrate nanofibrillar scaffolds. <i>Journal of Applied Polymer Science</i> , 2012 , 128, n/a-n/a	2.9	2
7	Nano Gold and Biomedicine: Scientific Letter 2012 , 32, 499-506		2
6	Preschool education in Turkey in the European Union process. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 9, 555-559		1
5	Baicalein Nanofiber Scaffold Containing Hyaluronic Acid and Polyvinyl Alcohol: Preparation and Evaluation. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1139-1146	2.7	1
4	Recent Advancements and New Perspectives of Nanomaterials. <i>Nanotechnology in the Life Sciences</i> , 2019 , 1-32	1.1	
3	Development of albumin macroinitiator for polymers to use in DNA origami coating. <i>Turkish Journal of Medical Sciences</i> , 2020 , 50, 1461-1469	2.7	
2	Microbial Nanotechnology in Reference to Postmortem Diagnosis. <i>Nanotechnology in the Life Sciences</i> , 2021 , 333-345	1.1	
1	Novel Technologies and Nanotoxicology of Medical Implants. <i>Current Analytical Chemistry</i> , 2021 , 17, 1133-1140	1.7	