Sedef Ilk

List of Publications by Year
in descending order

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26	1,090	566801	552369
papers	citations	15 h-index	26 g-index

26	26	26	1560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antioxidative and antimicrobial edible chitosan films blended with stem, leaf and seed extracts of Pistacia terebinthus for active food packaging. RSC Advances, 2018, 8, 3941-3950.	1.7	196
2	Production and characterization of chitosan based edible films from Berberis crataegina's fruit extract and seed oil. Innovative Food Science and Emerging Technologies, 2018, 45, 287-297.	2.7	146
3	Chitosan nanoparticles enhances the anti-quorum sensing activity of kaempferol. International Journal of Biological Macromolecules, 2017, 94, 653-662.	3.6	101
4	Potential use of kraft and organosolv lignins as a natural additive for healthcare products. RSC Advances, 2018, 8, 24525-24533.	1.7	93
5	Kaempferol loaded lecithin/chitosan nanoparticles: preparation, characterization, and their potential applications as a sustainable antifungal agent. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 907-916.	1.9	78
6	Diatomite as a novel composite ingredient for chitosan film with enhanced physicochemical properties. International Journal of Biological Macromolecules, 2017, 105, 1401-1411.	3.6	56
7	Supplementing capsaicin with chitosan-based films enhanced the anti-quorum sensing, antimicrobial, antioxidant, transparency, elasticity and hydrophobicity. International Journal of Biological Macromolecules, 2018, 115, 438-446.	3.6	55
8	Production and characterization of chitosan-fungal extract films. Food Bioscience, 2020, 35, 100545.	2.0	52
9	Effect of different animal fat and plant oil additives on physicochemical, mechanical, antimicrobial and antioxidant properties of chitosan films. International Journal of Biological Macromolecules, 2018, 111, 475-484.	3.6	48
10	Production of novel chia-mucilage nanocomposite films with starch nanocrystals; An inclusive biological and physicochemical perspective. International Journal of Biological Macromolecules, 2019, 133, 663-673.	3.6	45
11	Novel, multifunctional mucilage composite films incorporated with cellulose nanofibers. Food Hydrocolloids, 2019, 89, 20-28.	5.6	45
12	False flax (Camelina sativa) seed oil as suitable ingredient for the enhancement of physicochemical and biological properties of chitosan films. International Journal of Biological Macromolecules, 2018, 114, 1224-1232.	3.6	35
13	New biobased non-ionic hyperbranched polymers as environmentally friendly antibacterial additives for biopolymers. Green Chemistry, 2018, 20, 1238-1249.	4.6	26
14	Immobilization of laccase onto a porous nanocomposite: application for textile dye degradation. Turkish Journal of Chemistry, 2016, 40, 262-276.	0.5	20
15	Usage of natural chitosan membrane obtained from insect corneal lenses as a drug carrier and its potential for point of care tests. Materials Science and Engineering C, 2020, 112, 110897.	3.8	16
16	Cellulose-Organic Montmorillonite Nanocomposites as Biomacromolecular Quorum-Sensing Inhibitor. Biomacromolecules, 2017, 18, 3439-3446.	2.6	13
17	Green and Facile Synthesis of Pullulan-Stabilized Silver and Gold Nanoparticles for the Inhibition of Quorum Sensing. ACS Applied Bio Materials, 2022, 5, 517-527.	2.3	13
18	Investigation the potential use of silver nanoparticles synthesized by propolis extract as N-acyl-homoserine lactone-mediated quorum sensing systems inhibitor. Turkish Journal of Medical Sciences, 2020, 50, 1147-1156.	0.4	10

#	Article	IF	Citations
19	Synthesis, Enzymatic Degradation, and Polymer-Miscibility Evaluation of Nonionic Antimicrobial Hyperbranched Polyesters with Indole or Isatin Functionalities. Biomacromolecules, 2021, 22, 2256-2271.	2.6	8
20	Innovation of Strategies and Challenges for Fungal Nanobiotechnology. Fungal Biology, 2016, , 25-46.	0.3	7
21	Evaluation of the role of Nrf2/Keap1 pathwayâ€'associated novel mutations and gene expression on antioxidant status in patients with deep vein thrombosis. Experimental and Therapeutic Medicine, 2020, 20, 868-881.	0.8	7
22	Chitosan/Octadecylamine-Montmorillonite Nanocomposite Containing Nigella arvensis Extract as Improved Antimicrobial Biofilm Against Foodborne Pathogens. BioNanoScience, 2018, 8, 1014-1020.	1.5	5
23	Studies on heavy metal removal efficiency and antibacterial activity of 2-(diphenylphosphino)aminopyridine. Macedonian Journal of Chemistry and Chemical Engineering, 2018, 37, 53.	0.2	5
24	Nonionic nontoxic antimicrobial polymers: indole-grafted poly(vinyl alcohol) with pendant alkyl or ether groups. Polymer Chemistry, 2022, 13, 2307-2319.	1.9	5
25	Bioremediation Applications with Fungi. Fungal Biology, 2018, , 1-37.	0.3	3
26	Electropolymerizations of two novel<scp>EDOTâ€BODIPY</scp>zinc<scp>oxide nanocomposites and</scp>evaluation of their in vitro antibacterial activities. Polymers for Advanced Technologies, 2021, 32, 1086-1100.	1.6	2