

Nalan Ȧzdemir

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,524
citations

448610

19
h-index

355658

38
g-index

48
all docs

48
docs citations

48
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	First protein affinity application of Cu ²⁺ -bound pure inorganic nanoflowers. <i>Polymer Bulletin</i> , 2022, 79, 3233-3251.	1.7	4
2	Differences between Cu- and Fe@Cu nanoflowers in their interactions with fluorescent probes ANS and Fura-2 and proteins albumin and thrombin. <i>Polymer Bulletin</i> , 2022, 79, 5247-5259.	1.7	1
3	Effects of organic-inorganic hybrid nanoflowers™ framework on hemocytes and enzymatic responses of the model organism, <i>Galleria mellonella</i> (Lepidoptera: Pyralidae). <i>International Journal of Tropical Insect Science</i> , 2022, 42, 333-344.	0.4	8
4	Amino acid-metal phosphate hybrid nanoflowers (AaHNFs): their preparation, characterization and anti-oxidant capacities. <i>Polymer Bulletin</i> , 2022, 79, 9697-9716.	1.7	4
5	Hemoglobin@Inorganic Hybrid Nanoflowers with Different Metal Ions as Potential Oxygen Carrying Systems. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	6
6	Catalytic performance improvement with metal ion changes for efficient, stable, and reusable superoxide dismutase@metal phosphates hybrid nanoflowers. <i>Chemical Papers</i> , 2022, 76, 4245-4260.	1.0	1
7	Fabrication of myoglobin hybrid nanoflowers for decolorization process of evans blue and congo red. <i>Materials Letters</i> , 2022, 325, 132853.	1.3	4
8	Catalase/Fe ₃ O ₄ @Cu ²⁺ hybrid biocatalytic nanoflowers fabrication and efficiency in the reduction of organic pollutants. <i>Polyhedron</i> , 2021, 194, 114888.	1.0	24
9	Development of l-asparaginase@hybrid Nanoflowers (ASNase@HNFs) Reactor System with Enhanced Enzymatic Reusability and Stability. <i>Catalysis Letters</i> , 2021, 151, 1191-1201.	1.4	17
10	Evaluating the activity and stability of sonochemically produced hemoglobin-copper hybrid nanoflowers against some metallic ions, organic solvents, and inhibitors. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 327-336.	1.1	8
11	A RATIONAL SYNTHESIS OF MAGNETIC NANOPARTICLES INCORPORATED HORSE RADISH PEROXIDASE NANOFLOWER AND ITS USE FOR THE REMOVAL OF PHENOL THROUGH OXIDATIVE COUPLING REACTION WITH GREAT REUSABILITY. <i>Muğla Journal of Science and Technology</i> , 2021, 7, 59-66.	0.1	4
12	Evaluation of organic-inorganic hybrid nanoflower's enzymatic activity in the presence of different metal ions and organic solvents. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 162-171.	3.6	30
13	Synthesis and characterization of a triple enzyme-inorganic hybrid nanoflower (TrpE@ihNF) as a combination of three pancreatic digestive enzymes amylase, protease and lipase. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 679-686.	1.1	39
14	Hybrid nanoflowers bearing tetraphenylporphyrin assembled on copper(II) or cobalt(II) inorganic material: A green efficient catalyst for hydrogenation of nitrobenzenes in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5381.	1.7	20
15	A new application of inorganic sorbent for biomolecules: IMAC practice of Fe ³⁺ -nano flowers for DNA separation. <i>Materials Science and Engineering C</i> , 2020, 113, 111020.	3.8	13
16	Kudret Narı (Momordica charantia Descourt.) Meyvesinden Safraı ve Direkt Blue 1 Gideriminde Kullanılabilirlikleri. <i>Bitlis Eren Üniversitesi Fen Bilimleri Dergisi</i> , 2020, 9, 573-583.	0.1	4
17	A new approach for green synthesis and characterization of Artemisia L. (Asteraceae) genotype extracts-Cu ²⁺ nanocomplexes (nanoflower) and their effective antimicrobial activity. <i>Medicine Science</i> , 2020, 9, 191.	0.0	15
18	Hybrid metal-organic nanoflowers and their application in biotechnology and medicine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110354.	2.5	50

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19	Quercetin adsorption with imprinted polymeric materials. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 947-960.	1.9	8
20	Synthesis of Copper Ion Incorporated Xanthine Oxidase-Based Hybrid Nanoflowers. <i>Proceedings (mdpi)</i> , 2019, 40, 46.	0.2	0
21	Organik-inorganik hibrit nano AŞiAŞeklerin AŞemen (<i>Trigonella foenum-graecum</i> L.) tohum ekstresi kullanılarak sentezi ve anti-mikrobiyal AŞzelliklerinin araÅıt+rA±lmasA±. <i>Derim</i> , 2019, 36, 159-167.	0.4	25
22	Egg white hybrid nanoflower (EW-hNF) with biomimetic polyphenol oxidase reactivity: Synthesis, characterization and potential use in decolorization of synthetic dyes. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 205-211.	3.6	48
23	Proteinase K hybrid nanoflowers (P-hNFs) as a novel nanobiocatalytic detergent additive. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 803-810.	3.6	35
24	Self assembled snowball-like hybrid nanostructures comprising <i>Viburnum opulus</i> L. extract and metal ions for antimicrobial and catalytic applications. <i>Enzyme and Microbial Technology</i> , 2017, 102, 60-66.	1.6	89
25	A hierarchical assembly of flower-like hybrid Turkish black radish peroxidase-Cu 2+ nanobiocatalyst and its effective use in dye decolorization. <i>Chemosphere</i> , 2017, 182, 122-128.	4.2	97
26	Synthesis of Copper Ion Incorporated Aminoguanidine Derivatives-Based Hybrid Nanoflowers. <i>Proceedings (mdpi)</i> , 2017, 1, 1008.	0.2	1
27	A new generation approach in enzyme immobilization: Organic-inorganic hybrid nanoflowers with enhanced catalytic activity and stability. <i>Enzyme and Microbial Technology</i> , 2016, 93-94, 105-112.	1.6	191
28	ICG-Conjugated magnetic graphene oxide for dual photothermal and photodynamic therapy. <i>RSC Advances</i> , 2016, 6, 30285-30292.	1.7	55
29	Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples. <i>Analytica Chimica Acta</i> , 2016, 906, 110-117.	2.6	75
30	Preparation of lactoperoxidase incorporated hybrid nanoflower and its excellent activity and stability. <i>International Journal of Biological Macromolecules</i> , 2016, 84, 402-409.	3.6	107
31	Synthesis of urease hybrid nanoflowers and their enhanced catalytic properties. <i>Enzyme and Microbial Technology</i> , 2016, 86, 134-142.	1.6	106
32	Synthesis of copper ion incorporated horseradish peroxidase-based hybrid nanoflowers for enhanced catalytic activity and stability. <i>Dalton Transactions</i> , 2015, 44, 13845-13852.	1.6	141
33	Purification and Biochemical Characterization of Peroxidase Isolated from White Cabbage (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overbo 1.3 21	0.784314	21
34	Boronic acid functionalized polymeric microspheres for catecholamine isolation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 445, 40-47.	2.3	11
35	Purification of Peroxidase from Red Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>rubra</i>) by Affinity Chromatography. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1815-1828.	1.4	31
36	Poly(<i>n</i> -isopropylacrylamide) (PNIPAM) Based Nanoparticles for In Vitro Plasmid DNA Delivery. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2008, , 325-330.	0.2	1

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37	Chitosan-Coated Alginate Membranes for Cultivation of Limbal Epithelial Cells to use in the Restoration of Damaged Corneal Surfaces. International Journal of Artificial Organs, 2006, 29, 228-238.	0.7	20
38	Preparation and Characterization of Thermosensitive Submicron Particles for Gene Delivery. Journal of Nanoscience and Nanotechnology, 2006, 6, 2804-2810.	0.9	13
39	EFFECT OF DYSTROPHIN GENE IMMOBILIZED NANOSTRUCTURED THERAPEUTIC TEMPLATES ON AGING SKELETAL MUSCLES. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2006, , 511-514.	0.1	2
40	Mitomycin-C-loaded Alginate Carriers for Bladder Cancer Chemotherapy: In Vivo Studies. Journal of Bioactive and Compatible Polymers, 2005, 20, 197-208.	0.8	6
41	Speciation analysis of inorganic Sb(III) and Sb(V) ions by using mini column filled with Amberlite XAD-8 resin. Analytica Chimica Acta, 2004, 505, 37-41.	2.6	59
42	Norfloxacin-loaded Chitosan Sponges as Wound Dressing Material. Journal of Biomaterials Applications, 2004, 18, 291-303.	1.2	71
43	Human serum albumin (HSA) adsorption with chitosan microspheres. Journal of Applied Polymer Science, 2002, 86, 3035-3039.	1.3	28
44	Tenebrio molitor larvasında gerçeğe dönüştürülen yeni bir toksik araştırma: Floresan bakır fosfat nano yapılar. Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, 0, , .	0.1	3
45	Synthesis of <i>Persea americana</i> extract based hybrid nanoflowers as a new strategy to enhance hyaluronidase and gelatinase inhibitory activity and the evaluation of their toxicity potential. Inorganic and Nano-Metal Chemistry, 0, , 1-13.	0.9	4
46	Copper(II) Hybrid Nanoflower-Supported Carbon Nanotubes on Copper Foil for Dye-Sensitized Solar Cells. Journal of Electronic Materials, 0, , .	1.0	0