

Dangquan Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/989519/publications.pdf>

Version: 2024-02-01

51
papers

812
citations

623734

14
h-index

552781

26
g-index

51
all docs

51
docs citations

51
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of elastic foundation on the large-amplitude vibration analysis of functionally graded GPL-RC annular sector plates. <i>Engineering With Computers</i> , 2022, 38, 325-345.	6.1	11
2	Effect of graphene nanoplatelets addition on the elastic properties of short ceramic fiber-reinforced aluminum-based hybrid nanocomposites. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 1417-1433.	4.7	8
3	Zero waste multistage utilization of Ginkgo biloba branches. <i>Chemosphere</i> , 2022, 292, 133345.	8.2	10
4	Transcriptomic analysis reveals the significant effects of fertilization on the biosynthesis of sesquiterpenes in <i>Phoebe bournei</i> . <i>Genomics</i> , 2022, 114, 110375.	2.9	5
5	CRISPR/Cas: A powerful tool for gene function study and crop improvement. <i>Journal of Advanced Research</i> , 2021, 29, 207-221.	9.5	136
6	Fabrication of silver phosphate-ilmenite nanocomposites supported on glycol chitosan for visible light-driven degradation, and antimicrobial activities. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 436-442.	7.5	42
7	Facile synthesis of gold-silver/copper sulfide nanoparticles for the selective/sensitive detection of chromium, photochemical and bactericidal application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119324.	3.9	58
8	Fe ₃ O ₄ @L-lysine-Pd(0) organic-inorganic hybrid: As a novel heterogeneous magnetic nanocatalyst for chemo and homoselective [2 + 3] cycloaddition synthesis of 5-substituted 1H-tetrazoles. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6133.	3.5	9
9	Zinc nanomagnetic catalysts in organic synthesis. <i>Synthetic Communications</i> , 2021, 51, 37-56.	2.1	4
10	Fe ₃ O ₄ @HcdMeen-Pd(0) Organic-Inorganic Hybrid: As a Novel Heterogeneous Nanocatalyst for Chemo and Homoselective Heck C-C Cross-Coupling Synthesis of Butyl Cinnamates. <i>Catalysis Letters</i> , 2021, 151, 2207.	2.6	4
11	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , 2021, 271, 129499.	8.2	69
12	Recent advances in catalytic silylation of hydroxyl-bearing compounds: A green technique for protection of alcohols using Si-O bond formations. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6131.	3.5	7
13	A theoretical investigation on the potential of copper- and zinc-doped nanotubes as catalysts for the oxidation of SO ₂ (SO ₂ + 1/2 O ₂ → SO ₃) and CO (CO + 1/2 O ₂ → CO ₂). <i>Journal of Computational Chemistry</i> , 2021, 42, 19, 55-61.		
14	Graphene oxides as support for the synthesis of nickel sulfide-indium oxide nanocomposites for photocatalytic, antibacterial and antioxidant performances. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5354.	3.5	25
15	Magnetic recoverable nanomaterials: An efficient strategy for synthesis of pyrroles. <i>Synthetic Communications</i> , 2020, 50, 3044-3061.	2.1	2
16	Application of magnetically recoverable nanocatalysts in synthesis of imidazole, thiazole, and oxazoles. <i>Synthetic Communications</i> , 2020, 50, 2705-2734.	2.1	7
17	Edible Plant Oil: Global Status, Health Issues, and Perspectives. <i>Frontiers in Plant Science</i> , 2020, 11, 1315.	3.6	83
18	Magnetic nanocatalysts in synthesis of xanthenes. <i>Synthetic Communications</i> , 2020, 50, 3777-3795.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Highly efficient regeneration and medicinal component determination of <i>Phellodendron chinense</i> Schneid. In <i>Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 775-783.	2.1	7
20	Bifunctional and binder-free S-doped Ni-P nanospheres electrocatalyst fabricated by pulse electrochemical deposition method for overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 265-278.	9.4	29
21	Examining CO ₂ and N ₂ O pollution and reduction from forestry application of pure and mixture forest. <i>Environmental Pollution</i> , 2020, 265, 114951.	7.5	8
22	Pectin Drives Cell Wall Morphogenesis without Turgor Pressure. <i>Trends in Plant Science</i> , 2020, 25, 719-722.	8.8	23
23	Direct Amination of Aromatic C-H Bonds with Free Amines. <i>Topics in Current Chemistry</i> , 2020, 378, 37.	5.8	32
24	Beyond the Paclitaxel and Vinca Alkaloids: Next Generation of Plant-Derived Microtubule-Targeting Agents with Potential Anticancer Activity. <i>Cancers</i> , 2020, 12, 1721.	3.7	43
25	Magnetic nanomaterials catalyzed synthesis of tetrazoles. <i>Synthetic Communications</i> , 2020, 50, 2629-2646.	2.1	9
26	Magnetic nanoparticles supported copper catalysts: Synthesis of heterocyclic scaffolds. <i>Synthetic Communications</i> , 2020, 50, 2885-2905.	2.1	10
27	Synthesis of heterocycles using nanomagnetic nickel catalysts. <i>Synthetic Communications</i> , 2020, 50, 2906-2923.	2.1	1
28	Ferrite nanoparticles (MFe ₂ O ₄ NPs) as magnetically recoverable supports for catalysis in organic synthesis. <i>Synthetic Communications</i> , 2020, 50, 2735-2754.	2.1	5
29	Aluminum-doped silicon nanocage and boron-doped carbon nanocage as catalysts to oxygen reduction reaction (ORR): a computational investigation. <i>Ionics</i> , 2020, 26, 3085-3090.	2.4	4
30	Integrative Transcriptomic and Proteomic Analyses of Molecular Mechanism Responding to Salt Stress during Seed Germination in Hulless Barley. <i>International Journal of Molecular Sciences</i> , 2020, 21, 359.	4.1	37
31	A finite element study on the CNT size effect on the nonlinear response of polymer nanocomposites. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	0
32	L-lysine-Pd Complex Supported on Fe ₃ O ₄ MNPs: a novel recoverable magnetic nanocatalyst for Suzuki-Cross-Coupling reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5668.	3.5	7
33	Constituent diversity of ethanol extracts from pitaya. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2478.	1.5	1
34	SpRY: Engineered CRISPR/Cas9 Harnesses New Genome-Editing Power. <i>Trends in Genetics</i> , 2020, 36, 546-548.	6.7	18
35	Development of bioactive components from <i>Chaenomeles sinensis</i> leaves. <i>Thermal Science</i> , 2020, 24, 1795-1802.	1.1	3
36	Diverse bioactive components from <i>Ginkgo biloba</i> fruit. <i>Thermal Science</i> , 2020, 24, 1753-1760.	1.1	6

#	ARTICLE	IF	CITATIONS
37	Diverse resourcing of <i>Nerium indicum</i> leaves for bio-utilization. <i>Thermal Science</i> , 2020, 24, 1785-1793.	1.1	1
38	Bioactive and bioenergy ingredients of <i>Rodgersia aesculifolia</i> grown at high altitude. <i>Thermal Science</i> , 2020, 24, 1769-1775.	1.1	0
39	Characterization of bioactive and bioenergy components from fresh walnut (<i>Juglans regia</i>) leaf. <i>Thermal Science</i> , 2020, 24, 1777-1784.	1.1	0
40	Bioenergy and bioactive components in leaves of <i>Toona sinensis</i> . <i>Thermal Science</i> , 2020, 24, 1803-1809.	1.1	0
41	Resourcing potential of olive oil pomace. <i>Thermal Science</i> , 2020, 24, 1761-1768.	1.1	2
42	Functional nano-catalyzed pyrolyzates from branch of <i>Cinnamomum camphora</i> . <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1227-1246.	3.8	10
43	A Novel ANFIS-PSO Network for forecasting oil flocculated asphaltene weight percentage at wide range of operation conditions. <i>Petroleum Science and Technology</i> , 2018, 36, 1044-1050.	1.5	12
44	Systematic characterization of volatile organic components and pyrolyzates from <i>Camellia oleifera</i> seed cake for developing high value-added products. <i>Arabian Journal of Chemistry</i> , 2018, 11, 802-814.	4.9	22
45	Effects of exogenous 6-BA and NAA on growth and contents of medicinal ingredient of <i>Phellodendron chinense</i> seedlings. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1189-1195.	3.8	13
46	Analysis of SSR loci and development of SSR primers in <i>Eucalyptus</i> . <i>Journal of Forestry Research</i> , 2018, 29, 273-282.	3.6	6
47	High-efficient extraction of principal medicinal components from fresh <i>Phellodendron</i> bark (cortex) Tj ETQq1 1 0.784314 rgBJ / Overl	3.8	19
48	Recovery Analysis of Papermaking Wastewater from the Pretreated <i>Eucalyptus camaldulensis</i> Wood Chips. , 2009, , .		0
49	Application of Engineered Carrot Antifreeze Protein in the Cryopreservation of Rice Cells by Adsorbing into Ice surface to Inhibit Recrystallization. , 2009, , .		0
50	cDNA Cloning and Bioinformatic Analysis of Self-Incompatible S34-Allele from Chinese Pears. , 2009, , .		0
51	Py-GC/MS Analysis on Medical Components of Benzene/Ethanol Extractives of Fresh <i>Ormosia henryi</i> Leaves in Autumn. , 2009, , .		0