

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 | 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 |
| 2 | Edible Plant Oil: Global Status, Health Issues, and Perspectives. <i>Frontiers in Plant Science</i> , 2020, 11, 1315. | 3.6 | 83 |
| 3 | A review of dietary phytochemicals and their relation to oxidative stress and human diseases. <i>Chemosphere</i> , 2021, 271, 129499. | 8.2 | 69 |
| 4 | 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 |
| 5 | 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 |
| 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 | 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 |
| 8 | Direct Amination of Aromatic C-H Bonds with Free Amines. <i>Topics in Current Chemistry</i> , 2020, 378, 37. | 5.8 | 32 |
| 9 | 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 |
| 10 | 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 |
| 11 | Pectin Drives Cell Wall Morphogenesis without Turgor Pressure. <i>Trends in Plant Science</i> , 2020, 25, 719-722. | 8.8 | 23 |
| 12 | 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 |
| 13 | High-efficient extraction of principal medicinal components from fresh <i>Phellodendron</i> bark (cortex) Tj ETQq1 1 0.784314 rgBT ₁₉ /Overlo | 3.8 | 19 |
| 14 | SpRY: Engineered CRISPR/Cas9 Harnesses New Genome-Editing Power. <i>Trends in Genetics</i> , 2020, 36, 546-548. | 6.7 | 18 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Magnetic nanoparticles supported copper catalysts: Synthesis of heterocyclic scaffolds. <i>Synthetic Communications</i> , 2020, 50, 2885-2905. | 2.1 | 10 |
| 20 | Zero waste multistage utilization of Ginkgo biloba branches. <i>Chemosphere</i> , 2022, 292, 133345. | 8.2 | 10 |
| 21 | Magnetic nanomaterials catalyzed synthesis of tetrazoles. <i>Synthetic Communications</i> , 2020, 50, 2629-2646. | 2.1 | 9 |
| 22 | Fe ₃ O ₄ @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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Application of magnetically recoverable nanocatalysts in synthesis of imidazole, thiazole, and oxazoles. <i>Synthetic Communications</i> , 2020, 50, 2705-2734. | 2.1 | 7 |
| 26 | Highly efficient regeneration and medicinal component determination of Phellodendron chinense Schneid. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 775-783. | 2.1 | 7 |
| 27 | Lysine-Pd Complex Supported on Fe ₃ O ₄ MNPs: a novel recoverable magnetic nanocatalyst for Suzuki-C-Cross-Coupling reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5668. | 3.5 | 7 |
| 28 | 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 |
| 29 | Analysis of SSR loci and development of SSR primers in Eucalyptus. <i>Journal of Forestry Research</i> , 2018, 29, 273-282. | 3.6 | 6 |
| 30 | Diverse bioactive components from Ginkgo biloba fruit. <i>Thermal Science</i> , 2020, 24, 1753-1760. | 1.1 | 6 |
| 31 | 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 |
| 32 | Transcriptomic analysis reveals the significant effects of fertilization on the biosynthesis of sesquiterpenes in Phoebe bournei. <i>Genomics</i> , 2022, 114, 110375. | 2.9 | 5 |
| 33 | 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 |
| 34 | Zinc nanomagnetic catalysts in organic synthesis. <i>Synthetic Communications</i> , 2021, 51, 37-56. | 2.1 | 4 |
| 35 | Fe ₃ O ₄ @HcdMeen-Pd(0) Organic-Inorganic Hybrid: As a Novel Heterogeneous Nanocatalyst for Chemo and Homoselective Heck-C-Cross-Coupling Synthesis of Butyl Cinnamates. <i>Catalysis Letters</i> , 2021, 151, 2207. | 2.6 | 4 |
| 36 | Magnetic nanocatalysts in synthesis of xanthenes. <i>Synthetic Communications</i> , 2020, 50, 3777-3795. | 2.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Development of bioactive components from Chaenomeles sinensis leaves. Thermal Science, 2020, 24, 1795-1802. | 1.1 | 3 |
| 38 | Magnetic recoverable nanomaterials: An efficient strategy for synthesis of pyrroles. Synthetic Communications, 2020, 50, 3044-3061. | 2.1 | 2 |
| 39 | Resourcing potential of olive oil pomace. Thermal Science, 2020, 24, 1761-1768. | 1.1 | 2 |
| 40 | A theoretical investigation on the potential of copper- and zinc-doped nanotubes as catalysts for the oxidation of SO ₂ (SO ₂ +½O ₂ →SO ₃) and CO (CO+½O ₂ →CO ₂). Journal of Computational Chemistry, 2019, 40, 55-61. | | |
| 41 | Synthesis of heterocycles using nanomagnetic nickel catalysts. Synthetic Communications, 2020, 50, 2906-2923. | 2.1 | 1 |
| 42 | Constituent diversity of ethanol extracts from pitaya. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2478. | 1.5 | 1 |
| 43 | Diverse resourcing of Nerium indicum leaves for bio-utilization. Thermal Science, 2020, 24, 1785-1793. | 1.1 | 1 |
| 44 | Recovery Analysis of Papermaking Wastewater from the Pretreated Eucalyptus camaldulensis Wood Chips. , 2009, , . | | 0 |
| 45 | Application of Engineered Carrot Antifreeze Protein in the Cryopreservation of Rice Cells by Adsorbing into Ice surface to Inhibit Recrystallization. , 2009, , . | | 0 |
| 46 | cDNA Cloning and Bioinformatic Analysis of Self-Incompatible S34-Allele from Chinese Pears. , 2009, , . | | 0 |
| 47 | Py-GC/MS Analysis on Medical Components of Benzene/Ethanol Extractives of Fresh Ormosia henryi Leaves in Autumn. , 2009, , . | | 0 |
| 48 | A finite element study on the CNT size effect on the nonlinear response of polymer nanocomposites. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1. | 1.6 | 0 |
| 49 | Bioactive and bioenergy ingredients of Rodgersia aesculifolia grown at high altitude. Thermal Science, 2020, 24, 1769-1775. | 1.1 | 0 |
| 50 | Characterization of bioactive and bioenergy components from fresh walnut (Juglans regia) leaf. Thermal Science, 2020, 24, 1777-1784. | 1.1 | 0 |
| 51 | Bioenergy and bioactive components in leaves of Toona sinensis. Thermal Science, 2020, 24, 1803-1809. | 1.1 | 0 |