Chi-Hien Dang

List of Publications by Year
in descending order

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23 papers	454 citations	759233 12 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	456 citing authors

#	Article	IF	Citations
1	Biosynthesis of Silver and Gold Nanoparticles Using Aqueous Extract from Crinum latifolium Leaf and Their Applications Forward Antibacterial Effect and Wastewater Treatment. Journal of Nanomaterials, 2019, 2019, 1-14.	2.7	63
2	Biosynthesized AgNP capped on novel nanocomposite 2-hydroxypropyl-Î²-cyclodextrin/alginate as a catalyst for degradation of pollutants. Carbohydrate Polymers, 2018, 197, 29-37.	10.2	49
3	Biogenic Synthesis of Silver and Gold Nanoparticles from Lactuca indica Leaf Extract and Their Application in Catalytic Degradation of Toxic Compounds. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 388-399.	3.7	49
4	Silver and gold nanoparticles biosynthesized by aqueous extract of burdock root, Arctium lappa as antimicrobial agent and catalyst for degradation of pollutants. Environmental Science and Pollution Research, 2018, 25, 34247-34261.	5.3	43
5	Physicochemical Characterization of Robusta Spent Coffee Ground Oil for Biodiesel Manufacturing. Waste and Biomass Valorization, 2019, 10, 2703-2712.	3.4	28
6	Novel biogenic silver nanoparticles used for antibacterial effect and catalytic degradation of contaminants. Research on Chemical Intermediates, 2020, 46, 1975-1990.	2.7	27
7	Biogenic palladium nanoclusters supported on hybrid nanocomposite 2-hydroxypropyl-Î²-cyclodextrin/alginate as a recyclable catalyst in aqueous medium. Journal of Molecular Liquids, 2019, 276, 927-935.	4.9	26
8	In situ synthesis of gold nanoparticles on novel nanocomposite lactose/alginate: Recyclable catalysis and colorimetric detection of Fe(III). Carbohydrate Polymers, 2021, 251, 116998.	10.2	26
9	Biosynthesis of metallic nanoparticles from waste Passiflora edulis peels for their antibacterial effect and catalytic activity. Arabian Journal of Chemistry, 2021, 14, 103096.	4.9	23
10	Î²-cyclodextrin/alginate nanoparticles encapsulated 5-fluorouracil as an effective and safe anticancer drug delivery system. Arabian Journal of Chemistry, 2022, 15, 103814.	4.9	19
11	Physicochemical characterization and bioactivity evaluation of essential oils from Citrus microcarpa Bunge leaf and flower. Journal of Essential Oil Research, 2018, 30, 285-292.	2.7	13
12	A novel approach using plant embryos for green synthesis of silver nanoparticles as antibacterial and catalytic agent. Research on Chemical Intermediates, 2021, 47, 4613-4633.	2.7	13
13	Synthesis and characterization of N-acyl-tetra-O-acyl glucosamine derivatives. RSC Advances, 2014, 4, 6239.	3.6	12
14	Effect of capping methods on the morphology of silver nanoparticles: study on the media-induced release of silver from the nanocomposite Î²-cyclodextrin/alginate. New Journal of Chemistry, 2019, 43, 16841-16852.	2.8	11
15	Influence of extractions on physicochemical characterization and bioactivity of Piper nigrum oils: Study on the non-isothermal decomposition kinetic. Arabian Journal of Chemistry, 2020, 13, 7289-7301.	4.9	11
16	Palladium nanoparticles in situ synthesized on Cyclea barbata pectin as a heterogeneous catalyst for Heck coupling in water, the reduction of nitrophenols and alkynes. New Journal of Chemistry, 2021, 45, 4746-4755.	2.8	10
17	Synthesis and Photophysical Characterization of Several 2,3-Quinoxaline Derivatives: An Application of Pd(0)/PEG Nanoparticle Catalyst for Sonogashira Coupling. Polycyclic Aromatic Compounds, 2018, 38, 42-50.	2.6	9
18	Synthesis of corn rootworm pheromones from commercial diols. Chemical Papers, 2015, 69, .	2.2	6

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19	A Facile Synthesis of the Sex Pheromone of the Cabbage Looper Trichoplusia ni. Chemistry of Natural Compounds, 2016, 52, 877-879.	0.8	5
20	A facile synthesis of racemic aggregation pheromones of palm pests, Rhinoceros beetle and Rhynchophorus weevil. Arkivoc, 2017, 2017, 187-195.	0.5	4
21	Physicochemical characterizations, antimicrobial activity and non-isothermal decomposition kinetics of Cinnamomum cassia essential oils. Journal of Essential Oil Research, 2020, 32, 158-168.	2.7	3
22	Synthesis of Î²-Methyl Alcohols: Influence of Alkyl Chain Length on Diastereoselectivity and New Attractants of Rhynchophorus ferrugineus. Journal of Agricultural and Food Chemistry, 2021, 69, 5882-5886.	5.2	2
23	Synthesis of sulfonamides bearing 1,3,5-triarylpyrazoline and 4-thiazolidinone moieties as novel antimicrobial agents. Journal of the Serbian Chemical Society, 2020, 85, 155-162.	0.8	2