

Doga Kavaz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7900538/publications.pdf>

Version: 2024-02-01

47
papers

1,709
citations

236612

25
h-index

288905

40
g-index

48
all docs

48
docs citations

48
times ranked

1798
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synthesis of silica nanoparticles from agricultural waste. , 2022, , 121-138. | | 2 |
| 2 | Energy, exergy, economic, environmental (4E) approach to assessing the performance of a photovoltaic-thermal system using a novel ternary nanofluid. Sustainable Energy Technologies and Assessments, 2022, 50, 101804. | 1.7 | 10 |
| 3 | Development of novel silver-apple pectin nanocomposite beads for antioxidant, antimicrobial and anticancer studies. Biologia (Poland), 2022, 77, 879-891. | 0.8 | 4 |
| 4 | Biogenic Synthesis and Characterization of Chitosan-CuO Nanocomposite and Evaluation of Antibacterial Activity against Gram-Positive and -Negative Bacteria. Polymers, 2022, 14, 1832. | 2.0 | 15 |
| 5 | Corrosion Inhibition Evaluation of Chitosan-CuO Nanocomposite for Carbon Steel in 5% HCl Solution and Effect of KI Addition. Sustainability, 2022, 14, 7981. | 1.6 | 10 |
| 6 | An intelligent approach to predicting the effect of nanoparticle mixture ratio, concentration and temperature on thermal conductivity of hybrid nanofluids. Journal of Thermal Analysis and Calorimetry, 2021, 144, 671-688. | 2.0 | 41 |
| 7 | Unravel the potential of zinc oxide nanoparticle-carbonized sawdust matrix for removal of lead (II) ions from aqueous solution. Chinese Journal of Chemical Engineering, 2021, 29, 92-102. | 1.7 | 8 |
| 8 | Nano-silica and nano-zeolite synthesized from barley grass straw for effective removal of gasoline from aqueous solution: a comparative study. Chemical Engineering Communications, 2021, 208, 1419-1435. | 1.5 | 8 |
| 9 | Biosynthesized ZnO Nanoparticles Using Albizia lebeck Extract Induced Biochemical and Morphological Alterations in Wistar Rats. Molecules, 2021, 26, 3864. | 1.7 | 5 |
| 10 | Synthesis of Fe ₃ O ₄ -Al ₂ O ₃ -ZnO/water ternary hybrid nanofluid: Investigating the effects of temperature, volume concentration and mixture ratio on Specific heat capacity, and development of Hybrid machine learning for prediction. Journal of Energy Storage, 2021, 41, 102947. | 3.9 | 33 |
| 11 | A critical review of specific heat capacity of hybrid nanofluids for thermal energy applications. Journal of Molecular Liquids, 2021, 340, 116890. | 2.3 | 38 |
| 12 | An experimental investigation of thermal conductivity and dynamic viscosity of Al ₂ O ₃ -ZnO-Fe ₃ O ₄ ternary hybrid nanofluid and development of machine learning model. Powder Technology, 2021, 394, 1121-1140. | 2.1 | 47 |
| 13 | An evaluative <i>in vitro</i> investigation of the delivery of cytarabine with RGD decorated solid lipid nanoparticles. Journal of Microencapsulation, 2021, 38, 546-558. | 1.2 | 2 |
| 14 | Review of ternary hybrid nanofluid: Synthesis, stability, thermophysical properties, heat transfer applications, and environmental effects. Journal of Cleaner Production, 2021, 328, 129525. | 4.6 | 98 |
| 15 | Characteristics of Zinc Oxide and Carbonized Sawdust Nanocomposite in the Removal of Cadmium(II) Ions from Water. Water, Air, and Soil Pollution, 2021, 232, 1. | 1.1 | 3 |
| 16 | Mechanisms of Drug Resistance and Use of Nanoparticle Delivery to Overcome Resistance in Breast Cancers. Advances in Experimental Medicine and Biology, 2021, , 163-181. | 0.8 | 4 |
| 17 | An experimental investigation into the effect of particle mixture ratio on specific heat capacity and dynamic viscosity of Al ₂ O ₃ -ZnO hybrid nanofluids. Powder Technology, 2020, 363, 699-716. | 2.1 | 127 |
| 18 | Nanofluids in Solar Thermal Collectors: Review and Limitations. International Journal of Thermophysics, 2020, 41, 1. | 1.0 | 60 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of extraction temperature and solvent type on the bioactive potential of <i>Ocimum gratissimum</i> L. extracts. <i>Scientific Reports</i> , 2020, 10, 21760. | 1.6 | 49 |
| 20 | Novel Magnetic Nano Silica Synthesis Using Barley Husk Waste for Removing Petroleum from Polluted Water for Environmental Sustainability. <i>Sustainability</i> , 2020, 12, 10646. | 1.6 | 31 |
| 21 | Effect of hybrid nanofluids mixture ratio on the performance of a photovoltaic thermal collector. <i>International Journal of Energy Research</i> , 2020, 44, 9064-9081. | 2.2 | 47 |
| 22 | Thermodynamic evaluation and optimization of a flat plate collector operating with alumina and iron mono and hybrid nanofluids. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 37, 100636. | 1.7 | 65 |
| 23 | Biosynthesis of zinc oxide nanoparticles using <i>Albizia lebbek</i> stem bark, and evaluation of its antimicrobial, antioxidant, and cytotoxic activities on human breast cancer cell lines. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 87-100. | 3.3 | 195 |
| 24 | Olive Leaf-Synthesized Nanofluids for Solar Parabolic Trough Collector Thermal Performance Evaluation. <i>Journal of Thermal Science and Engineering Applications</i> , 2019, 11, . | 0.8 | 12 |
| 25 | Comparison of experimental and theoretical methods of obtaining the thermal properties of alumina/iron mono and hybrid nanofluids. <i>Journal of Molecular Liquids</i> , 2019, 292, 111377. | 2.3 | 72 |
| 26 | Effective and reusable nano-silica synthesized from barley and wheat grass for the removal of nickel from agricultural wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25802-25813. | 2.7 | 31 |
| 27 | Chitosan And N, N, N-Trimethyl Chitosan Nanoparticle Encapsulation Of <i>Ocimum Gratissimum</i> Essential Oil: Optimised Synthesis, In Vitro Release And Bioactivity. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7707-7727. | 3.3 | 46 |
| 28 | Physiochemical characterization, antioxidative, anticancer cells proliferation and food pathogens antibacterial activity of chitosan nanoparticles loaded with <i>Cyperus articulatus</i> rhizome essential oils. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 837-845. | 3.6 | 66 |
| 29 | Synthesizing Nano Silica Nanoparticles from Barley Grain Waste: Effect of Temperature on Mechanical Properties. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2513-2521. | 0.6 | 33 |
| 30 | Biosynthesis of Gold Nanoparticles using <i>Scytosiphon lomentaria</i> (Brown algae) and <i>Spyridia filamentosa</i> (Red algae) from Kyrenia Region and Evaluation of their Antimicrobial and Antioxidant Activity. <i>Hacettepe Journal of Biology and Chemistry</i> , 2019, 47, 367-382. | 0.3 | 7 |
| 31 | Synthesis, characterization and anticorrosion property of olive leaves extract-titanium nanoparticles composite. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1773-1794. | 1.4 | 43 |
| 32 | Synthesis, characterization, antimicrobial and antimetastatic activity of silver nanoparticles synthesized from <i>Ficus ingens</i> leaf. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, S1193-S1203. | 1.9 | 29 |
| 33 | Olive leaves extract mediated zero-valent iron nanoparticles: synthesis, characterization, and assessment as adsorbent for nickel (II) ions in aqueous medium. <i>Chemical Engineering Communications</i> , 2018, 205, 1568-1582. | 1.5 | 22 |
| 34 | Thermal performance analysis of a parabolic trough collector using water-based green-synthesized nanofluids. <i>Solar Energy</i> , 2018, 170, 658-670. | 2.9 | 72 |
| 35 | Comparison of protein- and polysaccharide-based nanoparticles for cancer therapy: synthesis, characterization, drug release, and interaction with a breast cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 193-203. | 1.9 | 22 |
| 36 | Environmental Awareness of University Students on White Cheese Waste Water. <i>Eurasia Journal of Mathematics, Science and Technology Education</i> , 2017, 13, . | 0.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Cancer in North Cyprus: 2. Biomedical Research Activities. Cyprus Journal of Medical Sciences, 2017, 2, 13-18. | 0.0 | 0 |
| 38 | Magnetically based nanocarriers in drug delivery. , 2016, , 285-331. | | 16 |
| 39 | Applications of Hydrogels in 3D Functional Tissue Models. , 2016, , 87-110. | | 0 |
| 40 | Paramagnetic Levitational Assembly of Hydrogels. Advanced Materials, 2013, 25, 1137-1143. | 11.1 | 77 |
| 41 | Preparation and Characterization of Magnetically Responsive Bacterial Polyester Based Nanospheres for Cancer Therapy. Journal of Biomedical Nanotechnology, 2012, 8, 800-808. | 0.5 | 37 |
| 42 | Emerging Technologies for Assembly of Microscale Hydrogels. Advanced Healthcare Materials, 2012, 1, 149-158. | 3.9 | 83 |
| 43 | Release of Magnetic Nanoparticles from Cell-Encapsulating Biodegradable Nanobiomaterials. ACS Nano, 2012, 6, 6640-6649. | 7.3 | 74 |
| 44 | Preparation and characterization of magnetically responsive bacterial polyester based nanospheres for cancer therapy. Journal of Biomedical Nanotechnology, 2012, 8, 800-8. | 0.5 | 5 |
| 45 | Bleomycin Loaded Magnetic Chitosan Nanoparticles as Multifunctional Nanocarriers. Journal of Bioactive and Compatible Polymers, 2010, 25, 305-318. | 0.8 | 55 |
| 46 | Novel Python-based "all-regressor model" application for photovoltaic plant-specific yield estimation and systematic analysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-19. | 1.2 | 1 |
| 47 | Persea americana Metanolik ve Etanolik Bitki Ekstraktlarının in vitro Biyolojik Aktivite ve Kimyasal Bileşiminin Karşılaştırılması. European Journal of Science and Technology, 0, , 261-270. | 0.5 | 1 |