

Kemal Cellat

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,291
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1460
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 2 years of monitoring results from passive solar energy storage in test cabins with phase change materials. <i>Solar Energy</i> , 2020, 200, 29-36. | 6.1 | 41 |
| 2 | Efficient preparation and application of monodisperse palladium loaded graphene oxide as a reusable and effective heterogeneous catalyst for suzuki cross-coupling reaction. <i>Journal of Molecular Liquids</i> , 2020, 298, 111967. | 4.9 | 27 |
| 3 | Synthesis and characterization of Reishi mushroom-mediated green synthesis of silver nanoparticles for the biochemical applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112970. | 2.8 | 129 |
| 4 | Composites of palladium nanoparticles and graphene oxide as a highly active and reusable catalyst for the hydrogenation of nitroarenes. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 110014. | 4.4 | 34 |
| 5 | A novel high performance non-enzymatic electrochemical glucose biosensor based on activated carbon-supported Pt-Ni nanocomposite. <i>Journal of Molecular Liquids</i> , 2020, 300, 112355. | 4.9 | 69 |
| 6 | Synthesis, characterization, and application of transition metals (Ni, Zr, and Fe) doped TiO ₂ photoelectrodes for dye-sensitized solar cells. <i>Journal of Molecular Liquids</i> , 2020, 299, 112177. | 4.9 | 47 |
| 7 | Biological synthesis of silver nanoparticles using <i>Rheum ribes</i> and evaluation of their anticarcinogenic and antimicrobial potential: A novel approach in phytonanotechnology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113012. | 2.8 | 95 |
| 8 | Palladium/ruthenium supported on graphene oxide (PdRu@GO) as an efficient, stable and rapid catalyst for hydrogen production from DMAB under room conditions. <i>Renewable Energy</i> , 2020, 161, 200-206. | 8.9 | 21 |
| 9 | Preparation, characterization, and thermal properties of novel fire-resistant microencapsulated phase change materials based on paraffin and a polystyrene shell. <i>RSC Advances</i> , 2020, 10, 24134-24144. | 3.6 | 34 |
| 10 | Single-Walled Carbon Nanotube Supported PtNi Nanoparticles (PtNi@SWCNT) Catalyzed Oxidation of Benzyl Alcohols to the Benzaldehyde Derivatives in Oxygen Atmosphere. <i>Scientific Reports</i> , 2020, 10, 9656. | 3.3 | 7 |
| 11 | Palladium supported on polypyrrole/reduced graphene oxide nanoparticles for simultaneous biosensing application of ascorbic acid, dopamine, and uric acid. <i>Scientific Reports</i> , 2020, 10, 2946. | 3.3 | 59 |
| 12 | Palladium-Nickel nanoparticles decorated on Functionalized-MWCNT for high precision non-enzymatic glucose sensing. <i>Materials Chemistry and Physics</i> , 2020, 250, 123042. | 4.0 | 270 |
| 13 | A Novel Hydrogenation of Nitroarene Compounds with Multi Wall Carbon Nanotube Supported Palladium/Copper Nanoparticles (PdCu@MWCNT NPs) in Aqueous Medium. <i>Scientific Reports</i> , 2020, 10, 8043. | 3.3 | 20 |
| 14 | Comprehensive investigation of butyl stearate as a multifunctional smart concrete additive for energy-efficient buildings. <i>International Journal of Energy Research</i> , 2019, 43, 7146. | 4.5 | 13 |
| 15 | Comparison of nanoscale zero-valent iron, fenton, and photo-fenton processes for degradation of pesticide 2,4-dichlorophenoxyacetic acid in aqueous solution. <i>SN Applied Sciences</i> , 2019, 1, 1. | 2.9 | 19 |
| 16 | Composites of Bimetallic Platinum-Cobalt Alloy Nanoparticles and Reduced Graphene Oxide for Electrochemical Determination of Ascorbic Acid, Dopamine, and Uric Acid. <i>Scientific Reports</i> , 2019, 9, 12258. | 3.3 | 67 |
| 17 | Highly monodisperse Pd-Ni nanoparticles supported on rGO as a rapid, sensitive, reusable and selective enzyme-free glucose sensor. <i>Scientific Reports</i> , 2019, 9, 19228. | 3.3 | 41 |
| 18 | Metal Organic Frameworks (MOFs) for Biosensing and Bioimaging Applications. <i>Materials Research Foundations</i> , 2019, , 308-360. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Inorganic Electrolytes in Supercapacitor. Materials Research Foundations, 2019, , 11-30. | 0.3 | 9 |
| 20 | A comparative study on corrosion behavior of rebar in concrete with fatty acid additive as phase change material. Construction and Building Materials, 2017, 143, 490-500. | 7.2 | 57 |
| 21 | Robust microencapsulated phase change materials in concrete mixes for sustainable buildings. International Journal of Energy Research, 2017, 41, 113-126. | 4.5 | 58 |
| 22 | Characterization of Concrete Mixes Containing Phase Change Materials. IOP Conference Series: Materials Science and Engineering, 2017, 251, 012118. | 0.6 | 10 |
| 23 | Direct Incorporation of Butyl Stearate as Phase Change Material into Concrete for Energy Saving in Buildings. Journal of Clean Energy Technologies, 2017, 5, 64-68. | 0.1 | 32 |
| 24 | Treatment of Olive Mill Wastewater by Catalytic Ozonation Using Activated Carbon Prepared from Olive Stone by KOH. Asian Journal of Chemistry, 2015, 27, 4106-4110. | 0.3 | 11 |
| 25 | Thermal enhancement of concrete by adding bio-based fatty acids as phase change materials. Energy and Buildings, 2015, 106, 156-163. | 6.7 | 86 |
| 26 | Unconventional experimental technologies used for phase change materials (PCM) characterization: part 2 – morphological and structural characterization, physico-chemical stability and mechanical properties. Renewable and Sustainable Energy Reviews, 2015, 43, 1415-1426. | 16.4 | 33 |