

Nanda Gunawardhana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/166038/publications.pdf>

Version: 2024-02-01

31
papers

1,346
citations

331670

21
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

2082
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Design and construction of a low cost air purifier for killing harmful airborne microorganisms using a combination of a strong multi-directional electric-field and an ultra violet light. HardwareX, 2022, 11, e00279. | 2.2 | 3 |
| 2 | Online Delivery and Assessment during COVID-19: Safeguarding Academic Integrity. Education Sciences, 2020, 10, 301. | 2.6 | 123 |
| 3 | Online Delivery of Teaching and Laboratory Practices: Continuity of University Programmes during COVID-19 Pandemic. Education Sciences, 2020, 10, 291. | 2.6 | 170 |
| 4 | Gold functionalized MoO ₃ nano flakes for gas sensing applications. Sensors and Actuators B: Chemical, 2018, 269, 331-339. | 7.8 | 62 |
| 5 | Fabrication of Hollow Co ₃ O ₄ Nanospheres and Their Nanocomposites of CNT and rGO as High Performance Anodes for Lithium Ion Batteries. ChemistrySelect, 2018, 3, 5502-5511. | 1.5 | 7 |
| 6 | Structural interpretation of chemically synthesized ZnO nanorod and its application in lithium ion battery. Applied Surface Science, 2015, 329, 206-211. | 6.1 | 30 |
| 7 | Fabrication of ZnO Hollow Nanospheres and Their Electrochemical Reactivity in Lithium Ion Batteries (LIBs). Journal of Nanoelectronics and Optoelectronics, 2015, 10, 135-139. | 0.5 | 1 |
| 8 | Synthesis of mesoporous birnessite-MnO ₂ composite as a cathode electrode for lithium battery. Electrochimica Acta, 2014, 116, 188-193. | 5.2 | 35 |
| 9 | Micelle templated NiO hollow nanospheres as anode materials in lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 7337-7344. | 10.3 | 80 |
| 10 | Development of a novel and safer energy storage system using a graphite cathode and Nb ₂ O ₅ anode. Journal of Power Sources, 2013, 236, 145-150. | 7.8 | 42 |
| 11 | γ-Fe ₂ O ₃ and Fe ₃ O ₄ hollow nanospheres as high-capacity anode materials for rechargeable Li-ion batteries. Ionics, 2013, 19, 25-31. | 2.4 | 19 |
| 12 | V ₂ O ₅ Hollow Nanospheres: A Lithium Intercalation Host with Good Rate Capability and Capacity Retention. Journal of the Electrochemical Society, 2012, 159, A618-A621. | 2.9 | 50 |
| 13 | CeO ₂ Hollow Nanospheres as Anode Material for Lithium Ion Batteries. Chemistry Letters, 2012, 41, 386-388. | 1.3 | 22 |
| 14 | γ-MoO ₃ Hollow Nanospheres as an Anode Material for Li-Ion Batteries. Bulletin of the Chemical Society of Japan, 2012, 85, 642-646. | 3.2 | 21 |
| 15 | La ₂ O ₃ hollow nanospheres for high performance lithium-ion rechargeable batteries. Chemical Communications, 2012, 48, 3200. | 4.1 | 41 |
| 16 | WO ₃ hollow nanospheres for high-lithium storage capacity and good cyclability. Nano Energy, 2012, 1, 503-508. | 16.0 | 88 |
| 17 | Nb ₂ O ₅ hollow nanospheres as anode material for enhanced performance in lithium ion batteries. Materials Research Bulletin, 2012, 47, 2161-2164. | 5.2 | 75 |
| 18 | Novel LaBO ₃ hollow nanospheres of size 34±2nm templated by polymeric micelles. Journal of Colloid and Interface Science, 2012, 370, 51-57. | 9.4 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Synthesis of magnetic γ -Fe ₂ O ₃ and Fe ₃ O ₄ hollow nanospheres for sustained release of ibuprofen. <i>Materials Letters</i> , 2012, 73, 4-7. | 2.6 | 22 |
| 20 | The study of electrochemical properties and lithium deposition of graphite at low temperature. <i>Journal of Power Sources</i> , 2012, 199, 293-299. | 7.8 | 54 |
| 21 | Performance of a graphite (KS-6)/MoO ₃ energy storing system. <i>Journal of Power Sources</i> , 2012, 203, 257-261. | 7.8 | 26 |
| 22 | Synthesis, characterization and application for lithium-ion rechargeable batteries of hollow silica nanospheres. <i>Journal of Materials Chemistry</i> , 2011, 21, 13881. | 6.7 | 127 |
| 23 | Periodic organosilica hollow nanospheres as anode materials for lithium ion rechargeable batteries. <i>Nanoscale</i> , 2011, 3, 4768. | 5.6 | 45 |
| 24 | Novel titania hollow nanospheres of size 28 ± 1 nm using soft-templates and their application for lithium-ion rechargeable batteries. <i>Chemical Communications</i> , 2011, 47, 6921. | 4.1 | 66 |
| 25 | Suppression of Li deposition on surface of graphite using carbon coating by thermal vapor deposition process. <i>Journal of Power Sources</i> , 2011, 196, 9820-9824. | 7.8 | 31 |
| 26 | Suppression of lithium deposition at sub-zero temperatures on graphite by surface modification. <i>Electrochemistry Communications</i> , 2011, 13, 1116-1118. | 4.7 | 30 |
| 27 | Reductively Induced Catalytic DNA Cleavage of Water Soluble RhIII-Br8TMPyP. <i>Catalysis Letters</i> , 2011, 141, 1803-1807. | 2.6 | 3 |
| 28 | A convenient and eco-friendly way to synthesize Pt(II) and Pd(II) porphyrins in ionic liquids by microwave activation. <i>Environmental Chemistry Letters</i> , 2011, 9, 473-477. | 16.2 | 4 |
| 29 | Constructing a novel and safer energy storing system using a graphite cathode and a MoO ₃ anode. <i>Journal of Power Sources</i> , 2011, 196, 7886-7890. | 7.8 | 44 |
| 30 | X-ray crystal structure of the trifluoroacetylcobalt complex CF ₃ COCo(CO) ₃ (PPh ₃) – Implications for the relationship between structure and reactivity toward migratory insertion of carbon monoxide in cobalt alkyl complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 113-116. | 2.4 | 4 |
| 31 | Reductively induced homolytic carbon-carbon bond cleavage in Co(CO) ₃ (PPh ₃)(COCF ₃). <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3231-3235. | 1.8 | 3 |