Nanda Gunawardhana

List of Publications by Year
in descending order

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	Online Delivery of Teaching and Laboratory Practices: Continuity of University Programmes during COVID-19 Pandemic. Education Sciences, 2020, 10, 291.	2.6	170
2	Synthesis, characterization and application for lithium-ion rechargeable batteries of hollow silica nanospheres. Journal of Materials Chemistry, 2011, 21, 13881.	6.7	127
3	Online Delivery and Assessment during COVID-19: Safeguarding Academic Integrity. Education Sciences, 2020, 10, 301.	2.6	123
4	WO3 hollow nanospheres for high-lithium storage capacity and good cyclability. Nano Energy, 2012, 1, 503-508.	16.0	88
5	Micelle templated NiO hollow nanospheres as anode materials in lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 7337-7344.	10.3	80
6	Nb2O5 hollow nanospheres as anode material for enhanced performance in lithium ion batteries. Materials Research Bulletin, 2012, 47, 2161-2164.	5.2	75
7	Novel titania hollow nanospheres of size 28 Â± 1 nm using soft-templates and their application for lithium-ion rechargeable batteries. Chemical Communications, 2011, 47, 6921.	4.1	66
8	Gold functionalized MoO3 nano flakes for gas sensing applications. Sensors and Actuators B: Chemical, 2018, 269, 331-339.	7.8	62
9	The study of electrochemical properties and lithium deposition of graphite at low temperature. Journal of Power Sources, 2012, 199, 293-299.	7.8	54
10	V₂O₅Hollow Nanospheres: A Lithium Intercalation Host with Good Rate Capability and Capacity Retention. Journal of the Electrochemical Society, 2012, 159, A618-A621.	2.9	50
11	Periodic organosilica hollow nanospheres as anode materials for lithium ion rechargeable batteries. Nanoscale, 2011, 3, 4768.	5.6	45
12	Constructing a novel and safer energy storing system using a graphite cathode and a MoO3 anode. Journal of Power Sources, 2011, 196, 7886-7890.	7.8	44
13	Development of a novel and safer energy storage system using a graphite cathode and Nb2O5 anode. Journal of Power Sources, 2013, 236, 145-150.	7.8	42
14	La2O3 hollow nanospheres for high performance lithium-ion rechargeable batteries. Chemical Communications, 2012, 48, 3200.	4.1	41
15	Synthesis of mesoporous birnessite-MnO2 composite as a cathode electrode for lithium battery. Electrochimica Acta, 2014, 116, 188-193.	5.2	35
16	Suppression of Li deposition on surface of graphite using carbon coating by thermal vapor deposition process. Journal of Power Sources, 2011, 196, 9820-9824.	7.8	31
17	Suppression of lithium deposition at sub-zero temperatures on graphite by surface modification. Electrochemistry Communications, 2011, 13, 1116-1118.	4.7	30
18	Structural interpretation of chemically synthesized ZnO nanorod and its application in lithium ion battery. Applied Surface Science, 2015, 329, 206-211.	6.1	30

#	Article	IF	Citations
19	Performance of a graphite (KS-6)/MoO3 energy storing system. Journal of Power Sources, 2012, 203, 257-261.	7.8	26
20	CeO2 Hollow Nanospheres as Anode Material for Lithium Ion Batteries. Chemistry Letters, 2012, 41, 386-388.	1.3	22
21	Synthesis of magnetic Î±-Fe2O3 and Fe3O4 hollow nanospheres for sustained release of ibuprofen. Materials Letters, 2012, 73, 4-7.	2.6	22
22	Î±-MoO3 Hollow Nanospheres as an Anode Material for Li-Ion Batteries. Bulletin of the Chemical Society of Japan, 2012, 85, 642-646.	3.2	21
23	Î±-Fe2O3 and Fe3O4 hollow nanospheres as high-capacity anode materials for rechargeable Li-ion batteries. Ionics, 2013, 19, 25-31.	2.4	19
24	Novel LaBO3 hollow nanospheres of size 34Â±2nm templated by polymeric micelles. Journal of Colloid and Interface Science, 2012, 370, 51-57.	9.4	18
25	Fabrication of Hollow Co₃O₄ Nanospheres and Their Nanocomposites of CNT and rGO as Highâ€Performance Anodes for Lithiumâ€Ion Batteries. ChemistrySelect, 2018, 3, 5502-5511.	1.5	7
26	X-ray crystal structure of the trifluoroacetylcobalt complex CF3COCo(CO)3(PPh3) â€“ Implications for the relationship between structure and reactivity toward migratory insertion of carbon monoxide in cobalt alkyl complexes. Inorganica Chimica Acta, 2009, 362, 113-116.	2.4	4
27	A convenient and eco-friendly way to synthesize Pt(II) and Pd(II) porphyrins in ionic liquids by microwave activation. Environmental Chemistry Letters, 2011, 9, 473-477.	16.2	4
28	Reductively induced homolytic carbonâ€“carbon bond cleavage in Co(CO)3(PPh3)(COCF3). Journal of Organometallic Chemistry, 2007, 692, 3231-3235.	1.8	3
29	Reductively Induced Catalytic DNA Cleavage of Water Soluble RhIII-Br8TMPyP. Catalysis Letters, 2011, 141, 1803-1807.	2.6	3
30	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
31	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