Chien Mau Dang

List of Publications by Year
in descending order

65	485	759233 12	752698 20
papers	citations	h-index	g-index

65	65	65	733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural and magnetic properties of starch-coated magnetite nanoparticles. Journal of Experimental Nanoscience, 2009, 4, 259-267.	2.4	68
2	Preparation and characterisation of nanoparticles containing ketoprofen and acrylic polymers prepared by emulsion solvent evaporation method. Journal of Experimental Nanoscience, 2012, 7, 189-197.	2.4	41
3	Ni-loaded (Ce,Zr)O2â€“Î´-dispersed paper-structured catalyst for dry reforming of methane. International Journal of Hydrogen Energy, 2018, 43, 4951-4960.	7.1	35
4	An electrochemical sensor based on polyvinyl alcohol/chitosan-thermally reduced graphene composite modified glassy carbon electrode for sensitive voltammetric detection of lead. Sensors and Actuators B: Chemical, 2021, 345, 130443.	7.8	35
5	Characteristics modification of TiO₂thin films by doping with silica and alumina for self-cleaning application. Journal of Experimental Nanoscience, 2009, 4, 221-232.	2.4	30
6	Approach for quality detection of food by RFIDâ€based wireless sensor tag. Electronics Letters, 2013, 49, 1588-1589.	1.0	29
7	Paper-structured catalyst containing CeO2â€“Ni flowers for dry reforming of methane. International Journal of Hydrogen Energy, 2020, 45, 18363-18375.	7.1	23
8	Development of paper-structured catalyst for application to direct internal reforming solid oxide fuel cell fueled by biogas. International Journal of Hydrogen Energy, 2019, 44, 10484-10497.	7.1	22
9	Nafion/platinum modified electrode-on-chip for the electrochemical detection of trace iron in natural water. Journal of Electroanalytical Chemistry, 2020, 873, 114396.	3.8	21
10	Macromolecular design of a reversibly crosslinked shape-memory material with thermo-healability. Polymer, 2020, 188, 122144.	3.8	18
11	Voltammetric determination of iron(III) using sputtered platinum thin film. Electrochimica Acta, 2019, 320, 134607.	5.2	14
12	Modification of silicon nitride surfaces with GOPES and APTES for antibody immobilization: computational and experimental studies. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2015, 6, 045006.	1.5	12
13	Biogas Power Generation with SOFC to Demonstrate Energy Circulation Suitable for Mekong Delta, Vietnam. Fuel Cells, 2019, 19, 346-353.	2.4	12
14	Thermally reduced graphene/nafion modified platinum disk electrode for trace level electrochemical detection of iron. Microchemical Journal, 2021, 169, 106627.	4.5	10
15	Characterization of silver nanoparticle based inkjet printed lines. Microsystem Technologies, 2013, 19, 1961-1971.	2.0	8
16	Sonochemical Synthesis and Properties of YVO4:Eu3+ Nanocrystals for Luminescent Security Ink Applications. Journal of Chemistry, 2019, 2019, 1-13.	1.9	8
17	A new platform for RFID research in Vietnam. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2010, 1, 045015.	1.5	6
18	Preparation of nitrogen co-doped SiO₂/TiO₂thin films on ceramic with enhanced photocatalytic activity under visible-light irradiation. Journal of Experimental Nanoscience, 2012, 7, 254-262.	2.4	6

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19	Unipolar resistance switching characteristics in a thick ZnO/Cu/ZnO multilayer structure. Journal of the Korean Physical Society, 2012, 60, 1087-1091.	0.7	6
20	Ag/AgCl Film Electrodes Coated with Agarose Gel as Planar Reference Electrodes for Potentiometric Sensors. Universal Journal of Materials Science, 2018, 6, 148-154.	0.3	6
21	Glucose biosensor based on platinum nanowires: a clinical study. International Journal of Nanotechnology, 2013, 10, 166.	0.2	5
22	INVESTIGATION OF SHAPE CONTROLLED SILVER NANOPLATES BY A SIMPLE CHEMICAL REDUCTION METHOD. Nano, 2013, 08, 1350030.	1.0	5
23	A RFID-based wireless NH<SUB align="right">3 gas detector using spin coated carbon nanotubes as sensitive layer. International Journal of Nanotechnology, 2018, 15, 3.	0.2	5
24	Fabrication of thin film Ag/AgCl reference electrode by electron beam evaporation method for potential measurements. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 015006.	1.5	5
25	Characteristics of colloidal copper particles prepared by using polyvinyl pyrrolidone and polyethylene glycol in chemical reduction method. International Journal of Nanotechnology, 2013, 10, 296.	0.2	4
26	Fabrication of paper-based microfluidic channels by electrohydrodynamic inkjet printing technology for analytical biochemistry applications. International Journal of Nanotechnology, 2020, 17, 673.	0.2	4
27	Fabrication of Reduced Graphene Oxide Thin Films on Corona Treated Silicon Substrates. Thin Solid Films, 2021, 728, 138693.	1.8	4
28	Detection of biomarker p53 mutated gene by a silicon nanowire nanosensor. International Journal of Nanotechnology, 2013, 10, 178.	0.2	3
29	Investigation of the influence of different surfactants on controlling the size of silver nanoparticles. International Journal of Nanotechnology, 2015, 12, 505.	0.2	3
30	Development of Flexible Catalyst Material for Internal Dry Reforming. ECS Transactions, 2017, 78, 2431-2439.	0.5	3
31	Filtration of circulating tumour cells MCF-7 in whole blood using non-modified and modified silicon nitride microsieves. International Journal of Nanotechnology, 2018, 15, 39.	0.2	3
32	Application of silicon nanowire for detection and quantitative analysis of alpha-fetoprotein biomarker. International Journal of Nanotechnology, 2018, 15, 210.	0.2	3
33	A review of 2019 fuel cell technologies: modelling and controlling. International Journal of Nanotechnology, 2020, 17, 498.	0.2	3
34	Study of the formation of silver nanoparticles and silver nanoplates by chemical reduction method. International Journal of Nanotechnology, 2015, 12, 456.	0.2	2
35	Modeling of antenna geometry and thickness optimization for wideband UHF RFID tag. , 2015, , .		2
36	A wireless sensor for food quality detection by UHF RFID passive tags. , 2015, , .		2

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37	Reduction of isotropic etch for silicon nanowires created by metal assisted deep reactive ion etching. International Journal of Nanotechnology, 2018, 15, 93.	0.2	2
38	Fabrication of nano-catalyst ceria flower and catalyst characterization. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 025010.	1.5	2
39	Performance Enhancement of Ni-Loaded Paper-Structured Catalyst for Dry Reforming of Methane by the Dispersion of Ceria-Based Oxides. ECS Transactions, 2019, 91, 1661-1670.	0.5	2
40	Synthesis and Research of Rare Earth Nanocrystal Luminescent Properties for Security Labels Using the Electrohydrodynamic Printing Technique. Processes, 2020, 8, 253.	2.8	2
41	Simulation & modelling of dilute solutions in drop-on-demand inkjet printing: a review. Biointerface Research in Applied Chemistry, 2019, 9, 4474-4484.	1.0	2
42	Modelling and Controlling of ion transport rate efficiency in Proton exchange membrane (PEMFC), alkaline (AFC), direct methanol (DMFC), phosphoric acid (PAFC), direct forming acid(DFAFC) and direct carbon (DCFC) fuel cells. Biointerface Research in Applied Chemistry, 2019, 9, 4050-4059.	1.0	2
43	Chemical modification of silicon nitride microsieves for capture of MCF-7 circulating tumor cells of breast cancer. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2015, 6, 025006.	1.5	1
44	Synthesis and properties of Y<SUB align="right">2O<SUB align="right">3:Eu³⁺ nanoflakes for security labels application using inkjet ink with electrohydrodynamic printing technique. International Journal of Nanotechnology, 2018, 15, 936.	0.2	1
45	Effect of Inert Annealing Gases on Morphology of Gold Nanoparticles Produced by Using Rapid Thermal Annealing. Journal of Nano Research, 0, 57, 7-16.	0.8	1
46	Supporting plasma processes for fabrication of n-doped nano-crystalline silicon thin film on low-cost glass substrates. Vacuum, 2021, 194, 110622.	3.5	1
47	Reaction of cell membrane bilayers â€œas a variable capacitorâ€•with G-protein: a reason for neurotransmitter signaling. Biointerface Research in Applied Chemistry, 2019, 9, 3874-3883.	1.0	1
48	Advanced materials for family of fuel cells: a review of polymer electrolyte membrane. Biointerface Research in Applied Chemistry, 2020, 10, 4853-4863.	1.0	1
49	Sensitive electrochemical measurement of As (III) using Nafion modified platinum electrode via anode stripping voltammetry. International Journal of Nanotechnology, 2020, 17, 659.	0.2	1
50	Electrochemical sensor chips for multiple measurements of dissolved oxygen, pH and oxidation-reduction potential in aquacultural farming. International Journal of Nanotechnology, 2018, 15, 1024.	0.2	0
51	Fabrication of lithium-ion batteries based on various LiNi<SUB align="right">1-xCo<SUB align="right">xO<SUB align="right">2 cathode materials. International Journal of Nanotechnology, 2018, 15, 925.	0.2	0
52	Theoretical and experimental simulation of inkjet printing process: investigation of physical parameters of a droplet. International Journal of Nanotechnology, 2018, 15, 845.	0.2	0
53	Hydrothermal synthesis and characterisation of iron cerium oxide nanoparticles for hydrogen sulphide removal application. International Journal of Nanotechnology, 2018, 15, 887.	0.2	0
54	Designing BN sheets of X-G//(h-BN)<SUB align="right">n//X-G (X = B, N) and GO/h-BN/GO structures for based anodes material to improve the performance of lithium-ion batteries. International Journal of Nanotechnology, 2018, 15, 819.	0.2	0

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55	New approach for paper-based microchannel fabrication by inkjet printing technology. International Journal of Nanotechnology, 2018, 15, 998.	0.2	0
56	Process characterisation of deep reactive ion etching for microfluidic application. International Journal of Nanotechnology, 2018, 15, 145.	0.2	0
57	Localized Growth and Integration of Carbon Nanotubes on Micro-Hotplates. Journal of the Korean Physical Society, 2008, 52, 1378-1381.	0.7	0
58	Investigation on the Crystallization Process and the Nanocrystalline Structural of the Rapidly Solidified Fe73.5Cu1Nb3Si13.5B9 Alloy. Journal of the Korean Physical Society, 2008, 52, 1740-1743.	0.7	0
59	Multi-Wall (Carbon and Boron Nitride) Nanotubes in Binding with Valine-t-RNA: QM/MM Studies. Journal of Computational and Theoretical Nanoscience, 2016, 13, 9175-9182.	0.4	0
60	Lithium Ion Battery Modification via Interaction Between â€œGraphite Oxide// h-BNâ€•Capacitor with Anodic Material. Journal of Computational and Theoretical Nanoscience, 2017, 14, 2368-2382.	0.4	0
61	An overview of bio-interface electrolyte and Li2FePO4F as cathode in Li-ion batteries. Biointerface Research in Applied Chemistry, 2019, 9, 3866-3873.	1.0	0
62	Realistic simulation of the polymers in inkjet process: the investigation of physical phenomena in the ejection of a droplet. Biointerface Research in Applied Chemistry, 2019, 9, 3949-3955.	1.0	0
63	Morphology and optical properties of chemically synthesised CePO<SUB align="right">4:Tb³⁺ nanorods. International Journal of Nanotechnology, 2020, 17, 636.	0.2	0
64	Nickel nanoparticles loaded on ceria oxide spheres as catalyst for dry reforming of methane. International Journal of Nanotechnology, 2020, 17, 740.	0.2	0
65	A novel cathodic composite in lithium ion battery based on LiNi<SUB align="right">0.7Co<SUB align="right">0.3O<SUB align="right">2, Li<SUB align="right">2MnO<SUB align="right">3, and LiCoO<SUB align="right">2 combination: synthesis and characterisation. International Journal of Nanotechnology, 2020, 17, 560.	0.2	0