

Gerrard Eddy Jai Poinern

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,355
citations

516710

16
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	How does biochar aging affect NH ₃ volatilization and GHGs emissions from agricultural soils?. Environmental Pollution, 2022, 294, 118598.	7.5	36
2	Hydrochar amendments stimulate soil nitrous oxide emission by increasing production of hydroxyl radicals and shifting nitrogen functional genes in the short term: A culture experiment. Chemosphere, 2022, 302, 134771.	8.2	7
3	A LaFeO ₃ supported natural clay mineral catalyst for efficient pyrolysis of polypropylene plastic material. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2695.	1.5	4
4	A Review of Current Research into the Biogenic Synthesis of Metal and Metal Oxide Nanoparticles via Marine Algae and Seagrasses. Journal of Nanoscience, 2017, 2017, 1-15.	2.6	157
5	Progress towards Sustainable Utilisation and Management of Food Wastes in the Global Economy. International Journal of Food Science, 2016, 2016, 1-22.	2.0	73
6	Chemical Synthesis, Characterisation, and Biocompatibility of Nanometre Scale Porous Anodic Aluminium Oxide Membranes for Use as a Cell Culture Substrate for the Vero Cell Line: A Preliminary Study. BioMed Research International, 2014, 2014, 1-10.	1.9	12
7	Surface and interface analysis of poly-hydroxyethylmethacrylate-coated anodic aluminium oxide membranes. Applied Surface Science, 2014, 289, 560-563.	6.1	14
8	Biocompatibility of composite membranes composed of anodic aluminium oxide (AAO) and Poly (2-hydroxyethylmethacrylate) for use as a cell culture substrate. Materials Letters, 2014, 131, 182-185.	2.6	4
9	Engineering a Biocompatible Scaffold with Either Micrometre or Nanometre Scale Surface Topography for Promoting Protein Adsorption and Cellular Response. International Journal of Biomaterials, 2013, 2013, 1-16.	2.4	68
10	Photothermal response of CVD synthesized carbon (nano)spheres/aqueous nanofluids for potential application in direct solar absorption collectors: a preliminary investigation. Nanotechnology, Science and Applications, 2012, 5, 49.	4.6	24
11	Arsenic adsorption on goethite nanoparticles produced through hydrazine sulfate assisted synthesis method. Korean Journal of Chemical Engineering, 2012, 29, 95-102.	2.7	72
12	Effect of dilute gelatine on the ultrasonic thermally assisted synthesis of nano hydroxyapatite. Ultrasonics Sonochemistry, 2011, 18, 697-703.	8.2	27
13	Ultrasonic synthetic technique to manufacture a pHEMA nanopolymeric-based vaccine against the H6N2 avian influenza virus: a preliminary investigation. International Journal of Nanomedicine, 2011, 6, 2167.	6.7	9
14	Thermal and ultrasonic influence in the formation of nanometer scale hydroxyapatite bio-ceramic. International Journal of Nanomedicine, 2011, 6, 2083.	6.7	73
15	Adsorption of the aurocyanide, complex on granular activated carbons derived from macadamia nut shells – A preliminary study. Minerals Engineering, 2011, 24, 1694-1702.	4.3	74
16	Glassy carbon electrode modified with hybrid films containing inorganic molybdate anions trapped in organic matrices of chitosan and ionic liquid for the amperometric sensing of phosphate at neutral pH. Sensors and Actuators B: Chemical, 2011, 160, 1224-1231.	7.8	37
17	Progress in Nano-Engineered Anodic Aluminum Oxide Membrane Development. Materials, 2011, 4, 487-526.	2.9	312
18	Defluoridation behavior of nanostructured hydroxyapatite synthesized through an ultrasonic and microwave combined technique. Journal of Hazardous Materials, 2011, 185, 29-37.	12.4	99

#	ARTICLE	IF	CITATIONS
19	Significance of novel bioinorganic anodic aluminum oxide nanoscaffolds for promoting cellular response. <i>Nanotechnology, Science and Applications</i> , 2011, 4, 11.	4.6	28
20	Fine-tuning of catalytic tin nanoparticles by the reverse micelle method for direct deposition of silicon nanowires by a plasma-enhanced chemical vapour technique. <i>Journal of Colloid and Interface Science</i> , 2010, 352, 259-264.	9.4	5
21	Nanoengineering a Biocompatible Inorganic Scaffold for Skin Wound Healing. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 497-510.	1.1	29
22	Development of a Nano-vaccine against a Wild Bird H6N2 Avian Influenza Virus. <i>Procedia in Vaccinology</i> , 2010, 2, 40-43.	0.4	4
23	The Potential of Nanoporous Anodic Aluminium Oxide Membranes to Influence Skin Wound Repair. <i>Tissue Engineering - Part A</i> , 2009, 15, 3753-3763.	3.1	46
24	Synthesis and characterisation of nanohydroxyapatite using an ultrasound assisted method. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 469-474.	8.2	141