Asst Vorrada Loryuenyong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6854788/publications.pdf

Version: 2024-02-01

60	1,015	623734	434195
papers	citations	14 h-index	31 g-index

62	62	62	1517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green synthesis of reduced graphene oxide using pomelo peel and its application in electrochromic device. AIP Conference Proceedings, 2021, , .	0.4	0
2	Preparation of Luminescent Glass Aggregates from Soda-Lime Waste Glass. International Journal of Photoenergy, 2021, 2021, 1-6.	2.5	3
3	The fabrication of graphene-polypyrrole composite for application with dye-sensitized solar cells. Materials Today: Proceedings, 2019, 17, 1675-1681.	1.8	5
4	The Synthesis of 2D CH₃NH₃PbI₃ Perovskite Films with Tunable Bandgaps by Solution Deposition Route. International Journal of Photoenergy, 2019, 2019, 1-7.	2.5	5
5	Effects of Mixed Halide Ions Incorporation on CH₃NH₃Pb(I,Br)_{3-x}(SCN)_x Perovskite Films via Solution Deposition Route. Key Engineering Materials, 2019, 821, 395-400.	0.4	0
6	The Enhancement of Photoanode Efficiency in Dye-Sensitized Solar Cells with TiO₂/Graphene Nanocomposite. Journal of Nanoscience and Nanotechnology, 2019, 19, 7702-7706.	0.9	3
7	Application of bioplastics and thermal reduced graphene oxide in electrochromic devices. Materials Today: Proceedings, 2018, 5, 14868-14873.	1.8	2
8	Synthesis of PET-PLA copolymer from recycle plastic bottle and study of its applications in the electrochromic devices with graphene conductive ink. Materials Today: Proceedings, 2018, 5, 11060-11067.	1.8	7
9	Crystallisation of CH ₃ NH ₃ PbX ₃ (X = I, Br, and Cl) trihalide perovskite using PbI ₂ and PbCl ₂ precursors. Micro and Nano Letters, 2018, 13, 486-489.	1.3	5
10	Continuous Production of Biodiesel from Rubber Seed Oil Using a Packed Bed Reactor with BaCl2 Impregnated CaO as Catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 320-330.	1.1	7
11	Platinum-Free Counter Electrodes Comprised of Polypyrrole-Graphene Composite. Nanoscience and Nanotechnology Letters, 2018, 10, 717-721.	0.4	0
12	Application of waste materials as a heterogeneous catalyst for biodiesel production from Jatropha Curcas oil via microwave irradiation. Materials Today: Proceedings, 2017, 4, 6051-6059.	1.8	14
13	The Reinforcement of Graphene Produced by Kitchen Blender in Cement Mortar. Key Engineering Materials, 2017, 744, 77-82.	0.4	0
14	Development of Transparent Electrodes Using Graphene Nano-Ink and Post-Consumer PET Bottles for Electrochromic Application. Key Engineering Materials, 2017, 744, 463-467.	0.4	4
15	Rapid transesterification of Jatropha curcas oil to biodiesel using novel catalyst with a microwave heating system. Korean Journal of Chemical Engineering, 2016, 33, 3388-3400.	2.7	19
16	Production of graphitic carbon-based nanocomposites from K2CO3-activated coconut shells as counter electrodes for dye-sensitized solar-cell applications. Journal of the Korean Physical Society, 2016, 68, 317-322.	0.7	4
17	Synergistic effects of grapheneâ€“polyaniline counter electrode in dyeâ€sensitised solar cells. Micro and Nano Letters, 2016, 11, 77-80.	1.3	7
18	Kinetics of Photocatalytic Degradation of Methylene Blue by TiO₂-Graphene Nanocomposites. Journal of Nanoscience and Nanotechnology, 2016, 16, 296-302.	0.9	8

#	Article	IF	Citations
19	The Improvement in Mechanical and Barrier Properties of Poly(Vinyl Alcohol)/Graphene Oxide Packaging Films. Packaging Technology and Science, 2015, 28, 939-947.	2.8	33
20	Oyster andPyramidellaShells as Heterogeneous Catalysts for the Microwave-Assisted Biodiesel Production fromJatropha curcasOil. Journal of Chemistry, 2015, 2015, 1-7.	1.9	17
21	The Application of Calcium Oxide and Magnesium Oxide from Natural Dolomitic Rock for Biodiesel Synthesis. Energy Procedia, 2015, 79, 562-566.	1.8	23
22	The new green catalysts derived from waste razor and surf clam shells for biodiesel production in a continuous reactor. Green Processing and Synthesis, 2015, 4, .	3.4	2
23	The Photocatalytic Reduction of Hexavalent Chromium by Controllable Mesoporous Anatase TiO₂Nanoparticles. Advances in Materials Science and Engineering, 2014, 2014, 1-8.	1.8	23
24	Utilization of Scallop Waste Shell for Biodiesel Production from Palm Oil â€“ Optimization Using Taguchi Method. APCBEE Procedia, 2014, 8, 216-221.	0.5	50
25	Sol-Gel Derived Mesoporous Silica Nanoparticles under Base Catalysis for Uses as Anti-Reflective Coating Layers. Advanced Materials Research, 2013, 650, 108-112.	0.3	0
26	Effect of TiO₂ Nanoparticles on Tensile and Photodegradation Behavior of Biopolymer Films Based on Poly(Butylene Succinate). Applied Mechanics and Materials, 2013, 376, 89-92.	0.2	1
27	Surface Modification and Characterization of Photodegradable Polystyrene-TiO₂ Nanocomposites. Applied Mechanics and Materials, 2013, 372, 128-131.	0.2	0
28	Preparation and Characterization of Reduced Graphene Oxide Sheets via Water-Based Exfoliation and Reduction Methods. Advances in Materials Science and Engineering, 2013, 2013, 1-5.	1.8	265
29	Calcium Oxide Derived from Waste Shells of Mussel, Cockle, and Scallop as the Heterogeneous Catalyst for Biodiesel Production. Scientific World Journal, The, 2013, 2013, 1-7.	2.1	112
30	Synthesis of Anatase TiO₂ Nanoparticles by Template Solâ€“Gel Method and Its Application in Photocatalytic Degradation of Organic Pollutants. Advanced Science Letters, 2013, 19, 2919-2922.	0.2	1
31	Photodegradation and Thermal Properties of Bionanocomposite Films Based on Polylactide and Functionalized Titanium Dioxide. Advanced Science Letters, 2013, 19, 3272-3274.	0.2	1
32	Utilization of Biodiesel Wastes as a Bioresource for the Preparation of Activated Carbon. International Journal of Applied Physics and Mathematics, 2013, , 173-177.	0.3	0
33	Production of Fatty Acid Methyl Ester by Esterification of Waste Frying Oil with Methanol Using Acidified Silica as Heterogeneous Catalyst. Journal of Biobased Materials and Bioenergy, 2013, 7, 229-232.	0.3	1
34	Synthesis of Anatase-Based Titania Nanostructures Using Extreme Hydrothermal Conditions. Advanced Materials Research, 2012, 463-464, 1493-1496.	0.3	0
35	Transesterification of waste frying oil for synthesizing biodiesel by KOH supported on coconut shell activated carbon in packed bed reactor. ScienceAsia, 2012, 38, 283.	0.5	46
36	The synthesis of microporous and mesoporous titania with high specific surface area using solâ€“gel method and activated carbon templates. Materials Letters, 2012, 87, 47-50.	2.6	16

#	Article	IF	Citations
37	Continuous Process for Biodiesel Production in Packed Bed Reactor from Waste Frying Oil Using Potassium Hydroxide Supported on Jatropha curcas Fruit Shell as Solid Catalyst. Applied Sciences (Switzerland), 2012, 2, 641-653.	2.5	54
38	Solâ€“gel derived mesoporous titania nanoparticles: Effects of calcination temperature and alcoholic solvent on the photocatalytic behavior. Ceramics International, 2012, 38, 2233-2237.	4.8	32
39	Sol-gel template synthesis and photocatalytic behaviour of anatase titania nanoparticles. ScienceAsia, 2012, 38, 301.	0.5	14
40	Mechanical and Thermal Properties of Polylactide Biocomposite Reinforced with Surface Modified Coir Fiber. Journal of Biobased Materials and Bioenergy, 2012, 6, 617-621.	0.3	0
41	Synthesis of templated mesoporous silica nanoparticles under base catalysis. Advances in Applied Ceramics, 2011, 110, 335-339.	1.1	13
42	Effects of recycled glass substitution on the physical and mechanical properties of clay bricks. Waste Management, 2009, 29, 2717-2721.	7.4	143
43	EFFECTS OF EXCESSIVE REACTANTS ON THE PROPERTIES OF CADMIUM SULFIDE THIN FILMS PREPARED BY CHEMICAL BATH DEPOSITION. International Journal of Nanoscience, 2008, 07, 279-282.	0.7	0
44	Si and SiO2 layer transfer induced by mechanical residual stress. Applied Physics Letters, 2006, 88, 132103.	3.3	1
45	Layer Transfer of SOI Structures Using a Pre-Stressed Bonding Layer. AIP Conference Proceedings, 2006, , .	0.4	2
46	Recent progress of heterogeneous integration for semiconductor materials and microsystems. , 2006, , .		0
47	Photo-Polymer Wafer Bonding for Double Layer Transfer. Materials Research Society Symposia Proceedings, 2003, 768, 561.	0.1	5
48	Enhancement of (In,Ga)N light-emitting diode performance by laser liftoff and transfer from sapphire to silicon. IEEE Photonics Technology Letters, 2002, 14, 1400-1402.	2.5	30
49	Effects of Carbonization Temperature and Nanoporous Silica Templating on the Synthesis of Porous Carbon from Commercial Sugar. Advanced Materials Research, 0, 650, 113-118.	0.3	3
50	Effect of Titanium Dioxide Nanoparticles on Mechanical and Thermal Properties of Poly(Lactic Acid) and Poly(Butylene Succinate) Blends. Advances in Science and Technology, 0, , .	0.2	4
51	Utilization of Waste Enamel Venus Shell as Friendly Environmental Catalyst for Synthesis of Biodiesel. Key Engineering Materials, 0, 659, 237-241.	0.4	1
52	Natural Hydroxyapatite (NHAp) Derived from Pork Bone as a Renewable Catalyst for Biodiesel Production via Microwave Irradiation. Key Engineering Materials, 0, 659, 216-220.	0.4	23
53	The Improvement in Mechanical and Thermal Properties of Biodegradable Poly(Butylene Succinate) (PBS) Nanocomposites with Low Loadings of Graphene Oxide (XGO). Materials Science Forum, 0, 872, 235-241.	0.3	0
54	Preparation of KI-Impregnated Razor Clam Shell as a Catalyst and its Application in Biodiesel Production from <i>Jatropha curcas</i> Oil. Key Engineering Materials, 0, 744, 506-510.	0.4	1

#	Article	IF	Citations
55	Photocatalytic Application of Graphene-Based TiO₂ Nanocomposite. Solid State Phenomena, 0, 266, 79-83.	0.3	0
56	The Fabrication of Graphene-Reinforced Aluminum Composites by Powder Metallurgy and Uniaxial Pressing. Key Engineering Materials, 0, 780, 10-14.	0.4	1
57	The Fabrication of Titanium Dioxide-Tin Oxide/Reduced Graphene Oxide Photoanodes for Dye-Sensitized Solar Cells. Key Engineering Materials, 0, 780, 32-36.	0.4	0
58	The Application of Modified Marlstones in Biofuel Technology. Materials Science Forum, 0, 926, 101-106.	0.3	1
59	The Fabrication of Multicolor Electrochromic Device Based on RGO/BOPP Using Ag Nanoparticles. Materials Science Forum, 0, 926, 79-84.	0.3	0
60	The preparation of luminescent and reversible thermochromic Mn-doped Ca-Zn-Al-O inorganic materials. Journal of Asian Ceramic Societies, 0, , 1-7.	2.3	0