

Siew Ling Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

705
citations

14
h-index

23
g-index

79
ext. papers

827
ext. citations

2.9
avg, IF

4.32
L-index

#	Paper	IF	Citations
65	Titanium dioxide and other nanomaterials based antimicrobial additives in functional paints and coatings: Review. <i>Progress in Organic Coatings</i> , 2022 , 163, 106660	4.8	6
64	Effect of Anodization Voltage on TiO ₂ Nanotubes for Photodegradation of Formaldehyde. <i>Springer Proceedings in Complexity</i> , 2021 , 203-212	0.3	
63	Current perspectives of anodized TiO ₂ nanotubes towards photodegradation of formaldehyde: A short review. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101418	7	6
62	Transition metal oxide (NiO, CuO, ZnO)-doped calcium oxide catalysts derived from eggshells for the transesterification of refined waste cooking oil.. <i>RSC Advances</i> , 2021 , 11, 21781-21795	3.7	1
61	Assessment on the Effect of Sulfuric Acid Concentration on Physicochemical Properties of Sulfated-Titania Catalyst and Glycerol Acetylation Performance. <i>Catalysts</i> , 2021 , 11, 1542	4	0
60	Physicochemical characteristics of Cu/Zn/Al ₂ O ₃ catalyst and its mechanistic study in transesterification for biodiesel production. <i>Renewable Energy</i> , 2020 , 156, 142-157	8.1	10
59	Visible Light Photodegradation of Formaldehyde over TiO Nanotubes Synthesized via Electrochemical Anodization of Titanium Foil. <i>Nanomaterials</i> , 2020 , 10,	5.4	18
58	Comparison study on molybdena-titania supported on TUD-1 and TUD-C synthesized via sol-gel templating method: Properties and catalytic performance in olefins epoxidation. <i>Materials Research Express</i> , 2019 , 6, 074001	1.7	0
57	Luminescent group 11 3, 5-dimethyl pyrazolate complexes/titanium oxide composites for photocatalytic removal and degradation of 2, 4-dichlorophenoxyacetic acid. <i>Materials Research Express</i> , 2019 , 6, 064001	1.7	
56	Highly ordered mesoporous silica film nanocomposites containing gold nanoparticles for the catalytic reduction of 4-nitrophenol. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1368-1379	3	4
55	Synthesis of highly active crystalline carbon nitride prepared in various salt melts for photocatalytic degradation of phenol. <i>Turkish Journal of Chemistry</i> , 2019 , 43, 63-72	1	2
54	Highly Crystalline Zinc Oxide/Mesoporous Hollow Silica Composites Synthesized at Low Temperature for the Photocatalytic Degradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , 2019 , 72, 252	1.2	1
53	Kinetics and Optimization Studies of Photocatalytic Degradation of Methylene Blue over Cr-Doped TiO ₂ using Response Surface Methodology 2019 , 43, 95-103		15
52	Adsorption kinetics and thermodynamics studies of gold(III) ions using thioctic acid functionalized silica coated magnetite nanoparticles. <i>Chemical Engineering Research and Design</i> , 2018 , 130, 18-28	5.5	49
51	PHOTOCATALYTIC REMOVAL OF PHENOL OVER MESOPOROUS ZnO/TiO ₂ COMPOSITES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2018 , 80,	1.2	3
50	Synthesis and phase-transition behaviors of new symmetrical dimer liquid crystals containing benzothiazole unit. <i>Phase Transitions</i> , 2017 , 90, 158-166	1.3	4
49	Morphology and growth of carbon nanotubes catalytically synthesised by premixed hydrocarbon-rich flames. <i>Materials Chemistry and Physics</i> , 2017 , 197, 246-255	4.4	21

48	Photocatalytic synthesis of reduced graphene oxide-zinc oxide: Effects of light intensity and exposure time. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 340, 128-135	4.7	22
47	Synthesis and phase transition behaviours of laterally substituted liquid crystals containing methylhydroquinone: emerging of smectic C phase for higher homologues. <i>Phase Transitions</i> , 2017 , 90, 449-464	1.3	
46	Photocatalytic degradation of photosensitizing and non-photosensitizing dyes over chromium doped titania photocatalysts under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 332, 215-223	4.7	27
45	Zinc Oxide Nanoparticles-Immobilized Mesoporous Hollow Silica Spheres for Photodegradation of Sodium Dodecylbenzenesulfonate. <i>Australian Journal of Chemistry</i> , 2016 , 69, 790	1.2	12
44	Textile/Al ₂ O ₃ TiO ₂ nanocomposite as an antimicrobial and radical scavenger wound dressing. <i>RSC Advances</i> , 2016 , 6, 8188-8197	3.7	18
43	Mesostructured TUD-C supported molybdena doped titania as high selective oxidative catalyst for olefins epoxidation at ambient condition. <i>Microporous and Mesoporous Materials</i> , 2016 , 225, 411-420	5.3	13
42	Characterization of Carbon Nanotubes Synthesized from Hydrocarbon-Rich Flame 2016 , 7, 343		3
41	Antimicrobial Treatment of Different Metal Oxide Nanoparticles: A Critical Review. <i>Journal of the Chinese Chemical Society</i> , 2016 , 63, 385-393	1.5	77
40	Effect of Precipitation Temperature on Structural and Magnetic Features of Polyethylene Glycol-Coated Mn _{0.8} Zn _{0.2} Fe ₂ O ₄ Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016 , 29, 2691-2697	1.5	1
39	Phenol photocatalytic degradation over mesoporous TUD-1-supported chromium oxide-doped titania photocatalyst. <i>Chinese Journal of Catalysis</i> , 2016 , 37, 1871-1881	11.3	9
38	TEM and XRD Analysis of Carbon Nanotubes Synthesised from Flame. <i>Key Engineering Materials</i> , 2016 , 723, 470-475	0.4	2
37	Nanostructural, morphological and magnetic studies of PEG/Mn(1-x)Zn(x)Fe ₂ O ₄ nanoparticles synthesized by co-precipitation. <i>Ceramics International</i> , 2015 , 41, 11702-11709	5.1	19
36	Photodegradation of Methylene Blue over Cr Doped TiO ₂ and Cr Doped TiO ₂ Supported TUD-1 Photocatalysts. <i>Advanced Materials Research</i> , 2015 , 1109, 424-428	0.5	2
35	Mesoporous carbon nitride as a metal-free catalyst for the removal of aniline. <i>RSC Advances</i> , 2015 , 5, 44578-44586	3.7	7
34	Effect of Titania Loading on Properties and Catalytic Activity of Nanostructured Phosphate/Vanadia-Impregnated Silica Titania Oxidative/Acidic Bifunctional Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2015 , 13, 21-28	1.2	
33	Increasing Rutile Phase Amount in Chromium-Doped Titania by Simple Stirring Approach for Photodegradation of Methylene Blue under Visible Light. <i>Australian Journal of Chemistry</i> , 2015 , 68, 1129 ^{1,2}		7
32	Synthesis, characterization and mesomorphic properties of new symmetrical dimer liquid crystals derived from benzothiazole. <i>Karbala International Journal of Modern Science</i> , 2015 , 1, 152-158	4.6	4
31	Utilization of low rank coal as oxidation catalyst by controllable removal of its carbonaceous component. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015 , 46, 183-190	5.3	10

30	Niobium oxide and phosphoric acid impregnated silica-titania as oxidative-acidic bifunctional catalyst. <i>Applied Catalysis A: General</i> , 2014 , 471, 142-148	5.1	15
29	Mesoporous carbon nitride for adsorption and fluorescence sensor of N-nitrosopyrrolidine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 124, 357-64	4.4	15
28	Synthesis and phase transition behaviours of new non-symmetric liquid crystal dimers. <i>Liquid Crystals</i> , 2014 , 41, 1627-1634	2.3	7
27	Low Cost Adsorbents for Sustainable Dye Containing-Wastewater Treatment. <i>Asian Journal of Chemistry</i> , 2014 , 26, 1873-1881	0.4	8
26	Synthesis and Characterization of Thermotropic Liquid Crystals Consisting Heterocyclic Benzothiazole Core System. <i>Asian Journal of Chemistry</i> , 2014 , 26, 7627-7631	0.4	4
25	Adsorption of Aniline Using Novel Mesoporous Carbon Nitride. <i>Advanced Materials Research</i> , 2014 , 925, 135-139	0.5	2
24	Removal of hazardous heavy metals from aqueous environment by low-cost adsorption materials. <i>Environmental Chemistry Letters</i> , 2014 , 12, 15-25	13.3	69
23	Cr Doped TiO ₂ Supported on TUD-1 Photocatalyst for Dye Photodegradation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 69,	1.2	3
22	Liquid-gas boundary catalysis by using gold/polystyrene-coated hollow titania. <i>Journal of Colloid and Interface Science</i> , 2013 , 394, 490-7	9.3	2
21	Photodegradation of Malachite Green by Immobilization of Titanium Dioxide on Glass Plates. <i>Asian Journal of Chemistry</i> , 2013 , 25, 755-758	0.4	4
20	Improvement of catalytic activity in styrene oxidation of carbon-coated titania by formation of porous carbon layer. <i>Chemical Engineering Journal</i> , 2012 , 209, 486-493	14.7	14
19	Mesomorphic behaviour of new azomethine liquid crystals having terminal bromo substituent. <i>Chinese Chemical Letters</i> , 2012 , 23, 177-180	8.1	3
18	Well-aligned Titanium Dioxide with Very High Length-to-diameter Ratio Synthesized under Magnetic Field. <i>Chemistry Letters</i> , 2012 , 41, 1468-1470	1.7	6
17	Equilibrium studies for Basic blue 3 adsorption onto durian peel (<i>Durio zibethinus</i> Murray). <i>Desalination and Water Treatment</i> , 2012 , 45, 161-169		26
16	Plackett-Burman design and response surface methodological approach to optimize basic dyes removal using sugarcane bagasse. <i>Desalination and Water Treatment</i> , 2011 , 25, 310-318		13
15	Synthesis and mesomorphic evaluation of new calamitic liquid crystals containing benzothiazole core. <i>Chinese Chemical Letters</i> , 2011 , 22, 619-622	8.1	7
14	Temperature Effect on Phase Formation of Nanocrystalline Bismuth Titanate Synthesized via Hot Injection Method. <i>Advanced Materials Research</i> , 2011 , 287-290, 257-260	0.5	
13	Effect of Acid Treatment on Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>Applied Mechanics and Materials</i> , 2011 , 110-116, 457-464	0.3	2

12	Synthesis and Characterization of Acid Modified Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Applied Physics and Mathematics</i> , 2011 , 43-47	0.4	6
11	Tartaric Acid Modified Rice Hull as a Sorbent for Methylene Blue Removal. <i>American Journal of Environmental Sciences</i> , 2010 , 6, 244-248	0.5	7
10	Synthesis and Mesomorphic Properties of 6-Methoxy- and 6-Ethoxy-2-(2-Hydroxy-4-Alkanoyloxybenzylidenamino)Benzothiazoles. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 528, 10-22	0.5	12
9	Enhancement of Brønsted Acidity in Sulfate-Vanadium Treated Silica-Titania Aerogel as Oxidative-Acidic Bifunctional Catalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8,	1.2	2
8	Synthesis of new schiff base ester liquid crystals with a benzothiazole core. <i>Liquid Crystals</i> , 2010 , 37, 547-554	2.3	40
7	Mesogenic Schiff base esters with benzothiazole core: synthesis and phase transition studies. <i>Phase Transitions</i> , 2010 , 83, 195-204	1.3	13
6	Synthesis and mesomorphic properties of Schiff base esters possessing terminal chloro substituent. <i>Chinese Chemical Letters</i> , 2010 , 21, 637-640	8.1	6
5	Physical Properties and Bifunctional Catalytic Performance of Phosphate Vanadium Impregnated Silica Titania Aerogel. <i>Catalysis Letters</i> , 2009 , 132, 28-33	2.8	11
4	Visible Light Enabled V and Cr Doped Titania-Silica Aerogel Photocatalyst. <i>International Journal of Chemical Reactor Engineering</i> , 2009 , 7,	1.2	1
3	Novel Nanostructured Photocatalyst of Vanadium-Doped Silica-Titania Aerogel 2009 ,		8
2	Sulfated silica titania aerogel as a bifunctional oxidative and acidic catalyst in the synthesis of diols. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3939-3943	3.9	14
1	Synthesis and characterisation of bismuth phosphate-based sillenites. <i>Solid State Ionics</i> , 2005 , 176, 393-400	3.9	7