

Nurul Aida Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,314
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1486
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile tuning of PbI ₂ porosity via additive engineering for humid air processable perovskite solar cells. <i>Electrochimica Acta</i> , 2022, 402, 139530.	5.2	5
2	The γ -radiated g-C ₃ N ₄ additive for highly conductive electron transport layer in polymer solar cells. <i>Materials Letters</i> , 2022, 308, 131297.	2.6	3
3	Accelerating the controlled synthesis of WO ₃ photoanode by modifying aerosol-assisted chemical vapour deposition for photoelectrochemical water splitting. <i>Chemical Engineering Science</i> , 2022, 252, 117294.	3.8	5
4	Motion-dispensing as an effective strategy for preparing efficient high-humidity processed perovskite solar cells. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157320.	5.5	5
5	Cyclic voltammetry - A promising approach towards improving photoelectrochemical activity of hematite. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156757.	5.5	14
6	Direct extrapolation techniques on the energy band diagram of BiVO ₄ thin films. <i>Physica B: Condensed Matter</i> , 2021, 604, 412719.	2.7	42
7	Improving the stability and efficiency of polymer solar cells by γ -radiated graphitic carbon nitride. <i>International Journal of Energy Research</i> , 2021, 45, 15284-15297.	4.5	12
8	Electrodeposition of BiVO ₄ with needle-like flower architecture for high performance photoelectrochemical splitting of water. <i>Ceramics International</i> , 2021, 47, 24227-24239.	4.8	19
9	A novel photoanode based on Thorium oxide (ThO ₂) incorporated with graphitic Carbon nitride (g-C ₃ N ₄) for Photoelectrochemical water splitting. <i>Applied Surface Science</i> , 2021, 569, 151043.	6.1	25
10	Fabrication of exfoliated graphitic carbon nitride, (g-C ₃ N ₄) thin film by methanolic dispersion. <i>Journal of Alloys and Compounds</i> , 2020, 818, 152916.	5.5	49
11	Boosting photocatalytic activities of BiVO ₄ by creation of g-C ₃ N ₄ /ZnO@BiVO ₄ Heterojunction. <i>Materials Research Bulletin</i> , 2020, 125, 110779.	5.2	59
12	Nanostructure-assisted charge transfer in γ -Fe ₂ O ₃ /g-C ₃ N ₄ heterojunctions for efficient and highly stable photoelectrochemical water splitting. <i>Dalton Transactions</i> , 2020, 49, 11317-11328.	3.3	27
13	Rapid fabrication of oxygen defective γ -Fe ₂ O ₃ (110) for enhanced photoelectrochemical activities. <i>Dalton Transactions</i> , 2020, 49, 12037-12048.	3.3	36
14	High-humidity processed perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10481-10518.	10.3	56
15	The influences of post-annealing temperatures on fabrication graphitic carbon nitride, (g-C ₃ N ₄) thin film. <i>Applied Surface Science</i> , 2019, 489, 92-100.	6.1	55
16	Incorporation of g-C ₃ N ₄ /Ag dopant in TiO ₂ as electron transport layer for organic solar cells. <i>Materials Letters</i> , 2019, 253, 117-120.	2.6	29
17	Aerosol-assisted chemical vapour deposition of γ -Fe ₂ O ₃ nanoflowers for photoelectrochemical water splitting. <i>Ceramics International</i> , 2019, 45, 16797-16802.	4.8	53
18	Efficient Photoelectrochemical Performance of γ Irradiated g-C ₃ N ₄ and Its g-C ₃ N ₄ @BiVO ₄ Heterojunction for Solar Water Splitting. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9013-9026.	3.1	93

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19	Eliminating oxygen vacancies in SnO ₂ films via aerosol-assisted chemical vapour deposition for perovskite solar cells and photoelectrochemical cells. <i>Journal of Alloys and Compounds</i> , 2019, 773, 997-1008.	5.5	79
20	Peningkatan Kecekapan Pemisahan Air Menggunakan g-C ₃ N ₄ yang Disinar Gama. <i>Sains Malaysiana</i> , 2019, 48, 1129-1135.	0.5	5
21	Enhanced photoelectrochemical performance of Z-scheme g-C ₃ N ₄ /BiVO ₄ photocatalyst. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 296-310.	20.2	301
22	Graphitic carbon nitride (g-C ₃ N ₄) electrodes for energy conversion and storage: a review on photoelectrochemical water splitting, solar cells and supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22346-22380.	10.3	244
23	Low Temperature Fabrication of Transparent Conductive Electrode With High Ultraviolet Transmittance Down to Wavelength of 250nm. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800441.	2.4	7
24	Facile fabrication of graphitic carbon nitride, (g-C ₃ N ₄) thin film. <i>Journal of Alloys and Compounds</i> , 2018, 769, 130-135.	5.5	60
25	Simultaneous enhancement in light absorption and charge transportation of bismuth vanadate (BiVO ₄) photoanode via microwave annealing. <i>Materials Letters</i> , 2018, 233, 67-70.	2.6	31