

Wan Hazman Danial

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

303
citations

1307594

7
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	The reuse of wastepaper for the extraction of cellulose nanocrystals. Carbohydrate Polymers, 2015, 118, 165-169.	10.2	134
2	A short review on electrochemical exfoliation of graphene and graphene quantum dots. Carbon Letters, 2021, 31, 371-388.	5.9	45
3	Transition from saturable absorption to reverse saturable absorption of carmoisine dye under low-powered continuous wave laser excitation. Optics and Laser Technology, 2019, 115, 97-103.	4.6	31
4	The valorization of municipal grass waste for the extraction of cellulose nanocrystals. RSC Advances, 2020, 10, 42400-42407.	3.6	20
5	Recent advances on the preparation and application of graphene quantum dots for mercury detection: a systematic review. Carbon Letters, 2022, 32, 57-80.	5.9	15
6	Preparation, Marriage Chemistry and Applications of Graphene Quantum Dotsâ€“Nanocellulose Composite: A Brief Review. Molecules, 2021, 26, 6158.	3.8	15
7	Electrochemical synthesis and characterization of stable colloidal suspension of graphene using two-electrode cell system. AIP Conference Proceedings, 2015, , .	0.4	8
8	Recent advances on the enhanced thermal conductivity of graphene nanoplatelets composites: a short review. Carbon Letters, 2022, 32, 1411-1424.	5.9	7
9	Green synthesis of metal nanoparticles using Garcinia extracts: a review. Environmental Chemistry Letters, 2022, 20, 469-493.	16.2	6
10	Mesoporous TiO2 Implanted ZnO QDs for the Photodegradation of Tetracycline: Material Design, Structural Characterization and Photodegradation Mechanism. Catalysts, 2021, 11, 1205.	3.5	6
11	Electrochemically exfoliated functionalized graphene flakes: Facile synthesis, 3rd order optical nonlinearity and optical limiting response. Optics and Laser Technology, 2022, 151, 108030.	4.6	5
12	Preparation of Cellulose Nanocrystal Aerogel from Wastepaper through Freeze-Drying Technique. Advanced Materials Research, 2015, 1125, 296-300.	0.3	4
13	General Overview on Cellulose and Cellulose Nanocrystals: Properties, Extraction, Application, and Sustainable Development. , 2022, , 93-114.		1
14	Qualitative and Quantitative Methods of Capsaicinoids: a Mini-Review. Food Analytical Methods, 2022, 15, 2424-2435.	2.6	1
15	Novel approach in synthesizing graphene oxide grafted polyethylene glycol via Steglich Esterification. Polymer Bulletin, 2023, 80, 4139-4152.	3.3	1
16	Grass Waste Derived Cellulose Nanocrystals as Nanofiller in Polyvinyl Alcohol Composite Film for Packaging Application. Solid State Phenomena, 0, 324, 151-158.	0.3	0