

Zulhelmi Ismail

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-based temperature, humidity, and strain sensor: A review on progress, characterization, and potential applications during Covid-19 pandemic. <i>Sensors International</i> , 2022, 3, 100183.	4.9	4
2	Laser writing of graphene on cellulose paper and analogous material for green and sustainable electronic: a concise review. <i>Carbon Letters</i> , 2022, 32, 1227-1245.	3.3	8
3	Combination of few-layer graphene and commercial cosmetic film for tetrahydrofuran-sensitive smart film. <i>Materials Letters</i> , 2021, 298, 130024.	1.3	2
4	From shear exfoliation of graphite in Coca-Cola® to few-layer graphene for smart ink. <i>Ceramics International</i> , 2021, 47, 23309-23317.	2.3	7
5	Application of Clean & Clear® polymer film as a substrate for flexible and highly sensitive graphene-based strain sensor. <i>Organic Electronics</i> , 2020, 77, 105501.	1.4	13
6	Smart "Sticky Note" for strain and temperature sensing using few-layer graphene from exfoliation in red spinach solution. <i>Ceramics International</i> , 2020, 46, 9176-9182.	2.3	6
7	The preparation of graphene ink from the exfoliation of graphite in pullulan, chitosan and alginate for strain-sensitive paper. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 1211-1219.	3.6	16
8	Photo-Fenton-inspired deoxygenation of tea polyphenol-graphene by household bleach. <i>Carbon Letters</i> , 2020, 30, 449-456.	3.3	3
9	Green reduction of graphene oxide by plant extracts: A short review. <i>Ceramics International</i> , 2019, 45, 23857-23868.	2.3	90
10	Layer-layer assembly of water-based graphene for facile fabrication of sensitive strain gauges on paper. <i>Cellulose</i> , 2019, 26, 1417-1429.	2.4	9
11	Green sonochemical synthesis of few-layer graphene in instant coffee. <i>Materials Chemistry and Physics</i> , 2019, 222, 11-19.	2.0	21
12	PVA/Graphene Nanocomposite: Morphology and its Thermal Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 319, 012011.	0.3	5
13	Surface functionalization of graphene oxide with octadecylamine for improved thermal and mechanical properties in polybutylene succinate nanocomposite. <i>Polymer Bulletin</i> , 2018, 75, 3499-3522.	1.7	24
14	Black tea assisted exfoliation using a kitchen mixer allowing one-step production of graphene. <i>Materials Research Express</i> , 2017, 4, 075607.	0.8	26
15	Production of functional graphene by kitchen mixer: mechanism and metric development for in situ measurement of sheet size. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 231-242.	5.3	15
16	Application of graphene from exfoliation in kitchen mixer allows mechanical reinforcement of PVA/graphene film. <i>Applied Nanoscience (Switzerland)</i> , 2017, 7, 317-324.	1.6	22
17	Facile method for liquid-exfoliated graphene size prediction by UV-visible spectroscopy. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3