

Fahad Alhashmi Alamer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8979972/publications.pdf>

Version: 2024-02-01

14
papers

326
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturing Organic Environmentally Friendly Electrical Circuits Using the Composites of Single-Walled Carbon Nanotubes and PEDOT:PSS. <i>Energy Technology</i> , 2022, 10, 2100830.	3.8	12
2	Design and Optimization of One-Dimensional TiO ₂ /GO Photonic Crystal Structures for Enhanced Thermophotovoltaics. <i>Coatings</i> , 2022, 12, 129.	2.6	6
3	Overview of the Influence of Silver, Gold, and Titanium Nanoparticles on the Physical Properties of PEDOT:PSS-Coated Cotton Fabrics. <i>Nanomaterials</i> , 2022, 12, 1609.	4.1	17
4	Fully Flexible, Highly Conductive Threads Based on single walled carbon nanotube (SWCNTs) and poly(3,4 ethylenedioxy thiophene) poly(styrenesulfonate) (PEDOT:PSS). <i>Advanced Engineering Materials</i> , 2021, 23, 2100448.	3.5	6
5	Effect of dopant on the conductivity and stability of three different cotton fabrics impregnated with PEDOT:PSS. <i>Cellulose</i> , 2020, 27, 531-543.	4.9	22
6	Preparation and Characterization of Conductive Cotton Fabric Impregnated with Single-Walled Carbon Nanotubes. <i>Journal of Electronic Materials</i> , 2020, 49, 6582-6589.	2.2	19
7	Capacitance-Resistive PEDOT:PSS Cotton Fabric Satisfied Jonscher's Law with Index Exceeding One. <i>Journal of Electronic Materials</i> , 2019, 48, 261-270.	2.2	2
8	Structural and electrical properties of conductive cotton fabrics coated with the composite polyaniline/carbon black. <i>Cellulose</i> , 2018, 25, 2075-2082.	4.9	46
9	The effects of temperature and frequency on the conductivity and dielectric properties of cotton fabric impregnated with doped PEDOT:PSS. <i>Cellulose</i> , 2018, 25, 6221-6230.	4.9	14
10	Phase Segregation of PEDOT:PSS on Textile to Produce Materials of $>10 \text{ A mm}^{-2}$ Current Carrying Capacity. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600348.	3.6	38
11	A simple method for fabricating highly electrically conductive cotton fabric without metals or nanoparticles, using PEDOT:PSS. <i>Journal of Alloys and Compounds</i> , 2017, 702, 266-273.	5.5	54
12	Dispersion on all-optical logic XOR gate using semiconductor optical amplifier. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	4
13	Preparation of conductive graphene/graphite infused fabrics using an interface trapping method. <i>Carbon</i> , 2015, 81, 38-42.	10.3	55
14	Solid-State High-Throughput Screening for Color Tuning of Electrochromic Polymers. <i>Advanced Materials</i> , 2013, 25, 6256-6260.	21.0	31