

Fahad Alhashmi Alamer

List of Publications by Year in descending order

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933447

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15
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342
citing authors

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