Melkie Getnet Tadesse

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2768887/publications.pdf

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14	369	933447 10	1058476 14
papers	citations	h-index	g-index

17	17	17	286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrically conductive highly elastic polyamide/lycra fabric treated with PEDOT:PSS and polyurethane. Journal of Materials Science, 2019, 54, 9591-9602.	3.7	71
2	Effect of liquid immersion of PEDOT: PSS-coated polyester fabric on surface resistance and wettability. Smart Materials and Structures, 2017, 26, 065016.	3.5	55
3	3D Printing of NinjaFlex Filament onto PEDOT:PSS-Coated Textile Fabrics for Electroluminescence Applications. Journal of Electronic Materials, 2018, 47, 2082-2092.	2.2	43
4	Review on the Integration of Microelectronics for E-Textile. Materials, 2021, 14, 5113.	2.9	43
5	Assessing the comfort of functional fabrics for smart clothing using subjective evaluation. Journal of Industrial Textiles, 2019, 48, 1310-1326.	2.4	32
6	Low-Stress Mechanical Property Study of Various Functional Fabrics for Tactile Property Evaluation. Materials, 2018, 11, 2466.	2.9	20
7	Cellulosic-Based Conductive Hydrogels for Electro-Active Tissues: A Review Summary. Gels, 2022, 8, 140.	4.5	17
8	Thermo-Physiological Comfort Properties of Sportswear with Different Combination of Inner and Outer Layers. Materials, 2021, 14, 6863.	2.9	15
9	Banana Peel and Conductive Polymers-Based Flexible Supercapacitors for Energy Harvesting and Storage. Energies, 2022, 15, 2471.	3.1	15
10	Comfort Evaluation of Wearable Functional Textiles. Materials, 2021, 14, 6466.	2.9	13
11	Prediction of the tactile comfort of fabrics from functional finishing parameters using fuzzy logic and artificial neural network models. Textile Reseach Journal, 2019, 89, 4083-4094.	2.2	10
12	Tactile Comfort Prediction of Functional Fabrics from Instrumental Data Using Intelligence Systems. Fibers and Polymers, 2019, 20, 199-209.	2.1	9
13	Development of Stainless Steel Yarn with Embedded Surface Mounted Light Emitting Diodes. Materials, 2022, 15, 2892.	2.9	9
14	Study the Electrical Properties of Surface Mount Device Integrated Silver Coated Vectran Yarn. Materials, 2022, 15, 272.	2.9	6