Abdullahil Kafy

List of Publications by Year
in descending order

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24 papers	947 citations	840119 11 h-index	887659 17 g-index
24 all docs	24 docs citations	24 times ranked	1402 citing authors

#	Article	IF	Citations
1	Transparent and Flexible Cellulose Nanocrystal/Reduced Graphene Oxide Film for Proximity Sensing. Small, 2015, 11, 994-1002.	5.2	172
2	Reduced graphene oxide filled cellulose films for flexible temperature sensor application. Synthetic Metals, 2015, 206, 154-161.	2.1	127
3	Cellulose long fibers fabricated from cellulose nanofibers and its strong and tough characteristics. Scientific Reports, 2017, 7, 17683.	1.6	120
4	Designing flexible energy and memory storage materials using cellulose modified graphene oxide nanocomposites. Physical Chemistry Chemical Physics, 2015, 17, 5923-5931.	1.3	116
5	Cellulose nanocrystal/graphene oxide composite film as humidity sensor. Sensors and Actuators A: Physical, 2016, 247, 221-226.	2.0	105
6	Cellulose/graphene nanocomposite as multifunctional electronic and solvent sensor material. Materials Letters, 2015, 159, 20-23.	1.3	92
7	Porous cellulose/graphene oxide nanocomposite as flexible and renewable electrode material for supercapacitor. Synthetic Metals, 2017, 223, 94-100.	2.1	66
8	Renewable smart materials. Smart Materials and Structures, 2016, 25, 073001.	1.8	43
9	Calcinated tea and cellulose composite films and its dielectric and lead adsorption properties. Carbohydrate Polymers, 2017, 171, 183-192.	5.1	36
10	Preparation and characterisation of cellulose ZnO hybrid film by blending method and its glucose biosensor application. Materials Technology, 2015, 30, B150-B154.	1.5	16
11	Green all-cellulose nanocomposites made with cellulose nanofibers reinforced in dissolved cellulose matrix without heat treatment. Cellulose, 2017, 24, 3301-3311.	2.4	16
12	Ultrasonic wave propagation of flexible piezoelectric polymer for tactile actuator: simulation and experiment. Smart Materials and Structures, 2016, 25, 115043.	1.8	11
13	Production of Micro- and Nanofibrillated Cellulose through an Aqueous Counter Collision System Followed by Ultrasound: Effect of Mechanical Pretreatments. Journal of Natural Fibers, 2020, 17, 1099-1110.	1.7	7
14	Multi Functional and Smart Graphene Filled Polymers as Piezoelectrics and Actuators. , 2015, , 67-90.		6
15	Fabrication and electrical properties of regenerated cellulose-loaded exfoliated graphene nanoplatelet composites. Carbon Letters, 2019, 29, 115-122.	3.3	4
16	Synthesis and characterization of graphene/cellulose nanocomposite. Proceedings of SPIE, 2014, , .	0.8	3
17	A tactile sensor made of graphene-cellulose nanocomposite. Proceedings of SPIE, 2015, , .	0.8	3
18	Cellulose/graphene oxide composite for electrode materials of flexible energy devices. , 2017, , .		2

#	Article	IF	Citations
19	Feasibility of transparent flexible ultrasonic haptic actuator. Proceedings of SPIE, 2016, , .	0.8	1
20	Fabrication and characterization of cellulose nanofiber/graphene oxide blended fibers. , 2018, , .		1
21	Electro-optic Effect in Polydimethylsiloxane-Cellulose Nanocrystal Composite for Reconfigurable Lens. , 2014, , .		0
22	Array haptic actuator for flight simulator. Proceedings of SPIE, 2015, , .	0.8	0
23	Synthesis and characterization of cellulose nanocrystal/graphene oxide blended films. Proceedings of SPIE, 2016, , .	0.8	0
24	Mechanical and electrical properties of calcinated tea-based cellulose composite films. Proceedings of SPIE, 2017, , .	0.8	0