Sahin Coskun

List of Publications by Year
in descending order

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26 papers	1,469 citations	430874 18 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	2389 citing authors

#	Article	IF	Citations
1	Polyol Synthesis of Silver Nanowires: An Extensive Parametric Study. Crystal Growth and Design, 2011, 11, 4963-4969.	3.0	346
2	Opto-thermoelectric nanotweezers. Nature Photonics, 2018, 12, 195-201.	31.4	216
3	Optimization of silver nanowire networks for polymer light emitting diode electrodes. Nanotechnology, 2013, 24, 125202.	2.6	145
4	Flexible, silver nanowire network nickel hydroxide core-shell electrodes for supercapacitors. Journal of Power Sources, 2016, 328, 167-173.	7.8	83
5	Electrical, mechanical and thermal properties of aligned silver nanowire/polylactide nanocomposite films. Composites Part B: Engineering, 2016, 99, 288-296.	12.0	78
6	Silicon nanowire network metal-semiconductor-metal photodetectors. Applied Physics Letters, 2013, 103, .	3.3	65
7	3D printed antibacterial silver nanowire/polylactide nanocomposites. Composites Part B: Engineering, 2019, 172, 671-678.	12.0	61
8	Coaxial silver nanowire network core molybdenum oxide shell supercapacitor electrodes. Electrochimica Acta, 2016, 193, 39-44.	5.2	59
9	Silver nanowire decorated heatable textiles. Nanotechnology, 2016, 27, 435201.	2.6	57
10	An effective surface design based on a conjugated polymer and silver nanowires for the detection of paraoxon in tap water and milk. Sensors and Actuators B: Chemical, 2016, 228, 278-286.	7.8	42
11	All solution processed, nanowire enhanced ultraviolet photodetectors. Applied Physics Letters, 2013, 102, .	3.3	41
12	Fabric based wearable triboelectric nanogenerators for human machine interface. Nano Energy, 2021, 89, 106412.	16.0	40
13	Silver Nanowire/Conducting Polymer Nanocomposite Electrochromic Supercapacitor Electrodes. Journal of the Electrochemical Society, 2017, 164, A721-A727.	2.9	39
14	Advances in protective layer-coating on metal nanowires with enhanced stability and their applications. Applied Materials Today, 2021, 22, 100909.	4.3	38
15	High-performance, bare silver nanowire network transparent heaters. Nanotechnology, 2016, 27, 445708.	2.6	34
16	Metal-Enhanced Fluorescence from Silver Nanowires with High Aspect Ratio on Glass Slides for Biosensing Applications. Journal of Physical Chemistry C, 2015, 119, 675-684.	3.1	29
17	Transparent, highly flexible, all nanowire network germanium photodetectors. Nanotechnology, 2012, 23, 325202.	2.6	28
18	All-Solution-Processed, Oxidation-Resistant Copper Nanowire Networks for Optoelectronic Applications with Year-Long Stability. ACS Applied Materials & Interfaces, 2020, 12, 45136-45144.	8.0	25

#	Article	IF	Citations
19	Silver-nanowire-modified fabrics for wide-spectrum antimicrobial applications. Journal of Materials Research, 2019, 34, 500-509.	2.6	12
20	Enhanced second harmonic generation from coupled asymmetric plasmonic metal nanostructures. Journal of Optics (United Kingdom), 2015, 17, 125005.	2.2	11
21	A Point-of-Use (POU) Water Disinfection: Silver Nanowire Decorated Glass Fiber Filters. Journal of Water Process Engineering, 2020, 38, 101616.	5.6	9
22	Gold nanowires with high aspect ratio and morphological purity: Synthesis, characterization, and evaluation of parameters. Journal of Materials Research, 2013, 28, 250-260.	2.6	5
23	Genotoxicity study of high aspect ratio silver nanowires. Toxicological and Environmental Chemistry, 2017, 99, 837-847.	1.2	5
24	Metal oxide surfaces for enhanced colorimetric response in bioassays. Colloids and Surfaces B: Biointerfaces, 2017, 154, 331-340.	5.0	1
25	Suppressed Hysteretic Field Emission from Polymer Encapsulated Silver Nanowires. IEEE Nanotechnology Magazine, 2016, , 1-1.	2.0	0
26	Bulk Nanostructured Metal from Multiply-Twinned Nanowires. Nano Letters, 2021, 21, 5627-5632.	9.1	0