

# Sahin Coskun

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Advances in protective layer-coating on metal nanowires with enhanced stability and their applications. <i>Applied Materials Today</i> , 2021, 22, 100909.	4.3	38
2	Bulk Nanostructured Metal from Multiply-Twinned Nanowires. <i>Nano Letters</i> , 2021, 21, 5627-5632.	9.1	0
3	Fabric based wearable triboelectric nanogenerators for human machine interface. <i>Nano Energy</i> , 2021, 89, 106412.	16.0	40
4	A Point-of-Use (POU) Water Disinfection: Silver Nanowire Decorated Glass Fiber Filters. <i>Journal of Water Process Engineering</i> , 2020, 38, 101616.	5.6	9
5	All-Solution-Processed, Oxidation-Resistant Copper Nanowire Networks for Optoelectronic Applications with Year-Long Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45136-45144.	8.0	25
6	3D printed antibacterial silver nanowire/polylactide nanocomposites. <i>Composites Part B: Engineering</i> , 2019, 172, 671-678.	12.0	61
7	Silver-nanowire-modified fabrics for wide-spectrum antimicrobial applications. <i>Journal of Materials Research</i> , 2019, 34, 500-509.	2.6	12
8	Opto-thermoelectric nanotweezers. <i>Nature Photonics</i> , 2018, 12, 195-201.	31.4	216
9	Genotoxicity study of high aspect ratio silver nanowires. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 837-847.	1.2	5
10	Silver Nanowire/Conducting Polymer Nanocomposite Electrochromic Supercapacitor Electrodes. <i>Journal of the Electrochemical Society</i> , 2017, 164, A721-A727.	2.9	39
11	Metal oxide surfaces for enhanced colorimetric response in bioassays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 331-340.	5.0	1
12	Silver nanowire decorated heatable textiles. <i>Nanotechnology</i> , 2016, 27, 435201.	2.6	57
13	Flexible, silver nanowire network nickel hydroxide core-shell electrodes for supercapacitors. <i>Journal of Power Sources</i> , 2016, 328, 167-173.	7.8	83
14	High-performance, bare silver nanowire network transparent heaters. <i>Nanotechnology</i> , 2016, 27, 445708.	2.6	34
15	Suppressed Hysteretic Field Emission from Polymer Encapsulated Silver Nanowires. <i>IEEE Nanotechnology Magazine</i> , 2016, , 1-1.	2.0	0
16	Electrical, mechanical and thermal properties of aligned silver nanowire/polylactide nanocomposite films. <i>Composites Part B: Engineering</i> , 2016, 99, 288-296.	12.0	78
17	An effective surface design based on a conjugated polymer and silver nanowires for the detection of paraoxon in tap water and milk. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 278-286.	7.8	42
18	Coaxial silver nanowire network core molybdenum oxide shell supercapacitor electrodes. <i>Electrochimica Acta</i> , 2016, 193, 39-44.	5.2	59

#	ARTICLE	IF	CITATIONS
19	Enhanced second harmonic generation from coupled asymmetric plasmonic metal nanostructures. Journal of Optics (United Kingdom), 2015, 17, 125005.	2.2	11
20	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
21	All solution processed, nanowire enhanced ultraviolet photodetectors. Applied Physics Letters, 2013, 102, .	3.3	41
22	Silicon nanowire network metal-semiconductor-metal photodetectors. Applied Physics Letters, 2013, 103, .	3.3	65
23	Optimization of silver nanowire networks for polymer light emitting diode electrodes. Nanotechnology, 2013, 24, 125202.	2.6	145
24	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
25	Transparent, highly flexible, all nanowire network germanium photodetectors. Nanotechnology, 2012, 23, 325202.	2.6	28
26	Polyol Synthesis of Silver Nanowires: An Extensive Parametric Study. Crystal Growth and Design, 2011, 11, 4963-4969.	3.0	346