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List of Publications by Year
in descending order

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33	1,299	304368	476904
papers	citations	22 h-index	29 g-index

33	33	33	1682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sensing Materials: Nanofibers Produced by Electrospinning and Solution Blow Spinning. , 2023, , 521-541.		2
2	Electronic nose based on hybrid free-standing nanofibrous mats for meat spoilage monitoring. Sensors and Actuators B: Chemical, 2022, 353, 131114.	4.0	27
3	A review on chemiresistive ZnO gas sensors. Sensors and Actuators Reports, 2022, 4, 100100.	2.3	75
4	Electrospun composite nanofibers as sensors for food analysis. , 2021, , 261-286.		5
5	Wireless Tags with Hybrid Nanomaterials for Volatile Amine Detection. ACS Sensors, 2021, 6, 2457-2464.	4.0	29
6	Tailoring the Surface Properties of Micro/Nanofibers Using 0D, 1D, 2D, and 3D Nanostructures: A Review on Postâ€Modification Methods. Advanced Materials Interfaces, 2021, 8, 2100430.	1.9	42
7	Nanocomposite-Based Chemiresistive Electronic Nose and Application in Coffee Analysis. ACS Food Science & Technology, 2021, 1, 1464-1471.	1.3	5
8	Discriminative detection of volatile organic compounds using an electronic nose based on TiO2 hybrid nanostructures. Sensors and Actuators B: Chemical, 2021, 344, 130124.	4.0	19
9	Design of a bioelectronic tongue for glucose monitoring using zinc oxide nanofibers and graphene derivatives. Sensors and Actuators Reports, 2021, 3, 100050.	2.3	9
10	Nanochitin-based composite films as a disposable ethanol sensor. Journal of Environmental Chemical Engineering, 2020, 8, 104163.	3.3	13
11	Trace Ethylene Sensing via Wacker Oxidation. ACS Central Science, 2020, 6, 507-512.	5.3	48
12	Free-standing SiO₂/TiO₂â€“MoS₂ composite nanofibrous membranes as nanoadsorbents for efficient Pb(<scp>ii</scp>) removal. New Journal of Chemistry, 2020, 44, 13030-13035.	1.4	19
13	Electrospun Ceramic Nanofibers and Hybrid-Nanofiber Composites for Gas Sensing. ACS Applied Nano Materials, 2019, 2, 4026-4042.	2.4	70
14	Biocompatible and Biodegradable Electrospun Nanofibrous Membranes Loaded with Grape Seed Extract for Wound Dressing Application. Journal of Nanomaterials, 2019, 2019, 1-11.	1.5	45
15	Enhanced and selective ammonia detection using In2O3/reduced graphene oxide hybrid nanofibers. Applied Surface Science, 2019, 473, 133-140.	3.1	59
16	Urea impedimetric biosensing using electrospun nanofibers modified with zinc oxide nanoparticles. Applied Surface Science, 2018, 443, 18-23.	3.1	68
17	Biocompatible electrospun nanofibers containing cloxacillin: Antibacterial activity and effect of pH on the release profile. Reactive and Functional Polymers, 2018, 132, 26-35.	2.0	37
18	Hybrid nanomaterials designed for volatile organic compounds sensors: A review. Materials and Design, 2018, 156, 154-166.	3.3	128

#	Article	IF	Citations
19	ZnO-Co3O4 heterostructure electrospun nanofibers modified with poly(sodium 4-styrenesulfonate): Evaluation of humidity sensing properties. Journal of Alloys and Compounds, 2018, 767, 1022-1029.	2.8	26
20	Sensitive and Selective NH3 Monitoring at Room Temperature Using ZnO Ceramic Nanofibers Decorated with Poly(styrene sulfonate). Sensors, 2018, 18, 1058.	2.1	43
21	A flexible and disposable poly(sodium 4-styrenesulfonate)/polyaniline coated glass microfiber paper for sensitive and selective detection of ammonia at room temperature. Synthetic Metals, 2017, 233, 22-27.	2.1	15
22	Hybrid layer-by-layer (LbL) films of polyaniline, graphene oxide and zinc oxide to detect ammonia. Sensors and Actuators B: Chemical, 2017, 238, 795-801.	4.0	81
23	Fluorescent and Colorimetric Electrospun Nanofibers for Heavy-Metal Sensing. Biosensors, 2017, 7, 61.	2.3	73
24	Antimicrobial activity of TiO2:Ag nanocrystalline heterostructures: Experimental and theoretical insights. Chemical Physics, 2015, 459, 87-95.	0.9	28
25	Improving the electrochemical properties of polyamide 6/polyaniline electrospun nanofibers by surface modification with ZnO nanoparticles. RSC Advances, 2015, 5, 73875-73881.	1.7	44
26	A theoretical investigation of the structural and electronic properties of orthorhombic CaZrO3. Ceramics International, 2015, 41, 3069-3074.	2.3	45
27	Photoluminescence properties of CaTiO3:Eu3+ nanophosphor obtained by the polymeric precursor method. Materials Chemistry and Physics, 2014, 145, 141-150.	2.0	19
28	Potentiated Electron Transference in Î±-Ag₂WO₄ Microcrystals with Ag Nanofilaments as Microbial Agent. Journal of Physical Chemistry A, 2014, 118, 5769-5778.	1.1	99
29	Synthesis by a chemical method and characterization of CaZrO3 powders: Potential application as humidity sensors. Ceramics International, 2014, 40, 16627-16634.	2.3	44
30	Antifungal Applications of Ag-Decorated Hydroxyapatite Nanoparticles. Journal of Nanomaterials, 2013, 2013, 1-9.	1.5	31
31	Structural evolution of Eu-doped hydroxyapatite nanorods monitored by photoluminescence emission. Journal of Alloys and Compounds, 2012, 531, 50-54.	2.8	50
32	NANOFIBRAS ELETROFIADAS E SUAS APLICAÃ‡Ã•ES: AVANÃ‡OS NA ÃšLTIMA DÃ‰CADA. Quimica Nova, 0, , .	0.3	0
33	Fundamentals and applications of impedimetric electronic tongues. , 0, , .		1