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List of Publications by Year in descending order

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20 papers	928 citations	686830 13 h-index	839053 18 g-index
21 all docs	21 docs citations	21 times ranked	1403 citing authors

#	Article	IF	Citations
1	Gas Sensors Based on One Dimensional Nanostructured Metal-Oxides: A Review. Sensors, 2012, 12, 7207-7258.	2.1	488
2	Stability of molybdenum nanoparticles in Snâ€“3.8Agâ€“0.7Cu solder during multiple reflow and their influence on interfacial intermetallic compounds. Materials Characterization, 2012, 64, 27-35.	1.9	86
3	In-situ fabricated gas sensors based on one dimensional core-shell TiO2-Al2O3 nanostructures. Sensors and Actuators B: Chemical, 2017, 238, 972-984.	4.0	64
4	In-situ alloying of Snâ€“3.5Ag solder during reflow through Zn nanoparticle addition and its effects on interfacial intermetallic layers. Intermetallics, 2014, 54, 86-94.	1.8	38
5	A Selective Ultrahigh Responding High Temperature Ethanol Sensor Using TiO2 Nanoparticles. Sensors, 2014, 14, 13613-13627.	2.1	36
6	Effects of Metallic Nanoparticles on Interfacial Intermetallic Compounds in Tin-Based Solders for Microelectronic Packaging. Journal of Electronic Materials, 2017, 46, 5503-5518.	1.0	25
7	Synthesis of SnO2 Nanoparticles via Hydrothermal Method and Their Gas Sensing Applications for Ethylene Detection. Materials Today: Proceedings, 2019, 17, 810-819.	0.9	25
8	Effects of reflow on the interfacial characteristics between Zn nanoparticles containing Snâ€3.8Agâ€0.7Cu solder and copper substrate. Soldering and Surface Mount Technology, 2013, 25, 91-98.	0.9	24
9	Study of structural properties and defects of Ni-doped SnO2nanorods as ethanol gas sensors. Nanotechnology, 2017, 28, 265702.	1.3	23
10	Growth and characterization of the oxide scales and core/shell nanowires on Ti-6Al-4V particles during thermal oxidation. Ceramics International, 2015, 41, 4401-4409.	2.3	20
11	Selectivity shifting behavior of Pd nanoparticles loaded zinc stannate/zinc oxide (Zn2SnO4/ZnO) nanowires sensors. Applied Surface Science, 2018, 435, 928-936.	3.1	20
12	Interfacial reaction and dissolution behavior of Cu substrate in molten Snâ€3.8Agâ€0.7Cu in the presence of Mo nanoparticles. Soldering and Surface Mount Technology, 2011, 23, 140-149.	0.9	19
13	Stress enhanced TiO 2 nanowire growth on Tiâ€“6Alâ€“4V particles by thermal oxidation. Ceramics International, 2013, 39, 6517-6526.	2.3	18
14	Electrospun (Nickel and palladium) tin(IV) oxide/polyaniline/polyhydroxy-3-butyrate biodegradable nanocomposite fibers for low temperature ethanol gas sensing. Nanotechnology, 2020, 31, 425503.	1.3	12
15	A Comparative Study of Structural and Ethanol Gas Sensing Properties of Pure, Nickel and Palladium Doped SnO2 Nanorods Synthesised by the Hydrothermal Method. Journal of Physical Science, 2019, 30, 127-143.	0.5	11
16	Direct and catalyst-free synthesis of ZnO nanowires on brass by thermal oxidation. Nanotechnology, 2020, 31, 175603.	1.3	8
17	Ethylene Gas Sensing Properties of Tin Oxide Nanowires Synthesized via CVD Method. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012038.	0.3	6
18	Growth of 1D TiO2 nanostructures on Ti substrates incorporated with residual stress through humid oxidation and their characterizations. Nanotechnology, 2021, 32, 475607.	1.3	3

#	Article	IF	Citations
19	Interfacial reaction and dissolution behavior of Cu substrate in molten Sn-3.8Ag-0.7Cu-nano Mo composite solder. , 2009, , .		1
20	Reflow behavior of Mo nanoparticle added Sn-3.8Ag-0.7 Cu solder. , 2010, , .		1