

Salvatore Gianluca Leonardi

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129
papers

3,908
citations

34
h-index

59
g-index

136
ext. papers

4,612
ext. citations

4.5
avg, IF

5.93
L-index

#	Paper	IF	Citations
129	Detection of hazardous volatile organic compounds (VOCs) by metal oxide nanostructures-based gas sensors: A review. <i>Ceramics International</i> , 2016 , 42, 15119-15141	5.1	580
128	Al-doped ZnO for highly sensitive CO gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 413-420	8.5	264
127	Room-temperature hydrogen sensing with heteronanostructures based on reduced graphene oxide and tin oxide. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11053-7	16.4	236
126	Sensing behavior of SnO ₂ /reduced graphene oxide nanocomposites toward NO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2013 , 179, 61-68	8.5	147
125	Highly stable and selective ethanol sensor based on Fe ₂ O ₃ nanoparticles prepared by Pechini sol-gel method. <i>Ceramics International</i> , 2016 , 42, 6136-6144	5.1	101
124	Sol gel graphene/TiO ₂ nanoparticles for the photocatalytic-assisted sensing and abatement of NO ₂ . <i>Applied Catalysis B: Environmental</i> , 2019 , 243, 183-194	21.8	101
123	Two-Dimensional Zinc Oxide Nanostructures for Gas Sensor Applications. <i>Chemosensors</i> , 2017 , 5, 17	4	93
122	Synthesis, Characterization and Gas Sensing Properties of Ag@Fe ₃ O ₄ Core-Shell Nanocomposites. <i>Nanomaterials</i> , 2015 , 5, 737-749	5.4	87
121	CO and NO _x Selective Monitoring by ZnO-Based Sensors. <i>Nanomaterials</i> , 2013 , 3, 357-369	5.4	78
120	Simultaneous electrochemical determination of epinephrine and uric acid in the presence of ascorbic acid using SnO ₂ /graphene nanocomposite modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2015 , 221, 1412-1422	8.5	75
119	Pt-decorated In ₂ O ₃ nanoparticles and their ability as a highly sensitive (. <i>Sensors and Actuators B: Chemical</i> , 2016 , 230, 697-705	8.5	73
118	Electrochemical sensor for simultaneous determination of ascorbic acid, uric acid and folic acid based on Mn-SnO ₂ nanoparticles modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 770, 23-32	4.1	70
117	Enhanced performance of novel calcium/aluminum co-doped zinc oxide for CO ₂ sensors. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 36-44	8.5	66
116	Effect of indium doping on ZnO based-gas sensor for CO. <i>Materials Science in Semiconductor Processing</i> , 2014 , 27, 319-325	4.3	63
115	ZnO:Ca nanopowders with enhanced CO ₂ sensing properties. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 255503	3	57
114	CO sensing properties of Ga-doped ZnO prepared by sol-gel route. <i>Journal of Alloys and Compounds</i> , 2015 , 634, 187-192	5.7	50
113	Sr- and Ni-doping in ZnO nanorods synthesized by a simple wet chemical method as excellent materials for CO and CO ₂ gas sensing. <i>RSC Advances</i> , 2016 , 6, 82733-82742	3.7	47

112	A comparison of the ethanol sensing properties of Iron oxide nanostructures prepared via the sol-gel and electrospinning techniques. <i>Nanotechnology</i> , 2016 , 27, 075502	3.4	47
111	Amperometric Sensing of H ₂ O ₂ using Pt/TiO ₂ /Reduced Graphene Oxide Nanocomposites. <i>ChemElectroChem</i> , 2014 , 1, 617-624	4.3	46
110	A novel gas sensor based on Ag/Fe ₂ O ₃ core-shell nanocomposites. <i>Ceramics International</i> , 2016 , 42, 18974-18982	3.4	46
109	Sm-doped cobalt ferrite nanoparticles: A novel sensing material for conductometric hydrogen leak sensor. <i>Ceramics International</i> , 2017 , 43, 1029-1037	5.1	45
108	Characterization and optical studies of PVP-capped silver nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2017 , 7, 37-46	7.6	44
107	Gas sensing properties of Al-doped ZnO for UV-activated CO detection. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 135502	3	44
106	Development of a selective hydrogen leak sensor based on chemically doped SnO ₂ for automotive applications. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 10645-10655	6.7	41
105	Electrochemical properties of Ce-doped SrFeO ₃ perovskites-modified electrodes towards hydrogen peroxide oxidation. <i>Electrochimica Acta</i> , 2016 , 190, 939-947	6.7	40
104	Synthesis and characterization of mesoporous Fe ₂ O ₃ nanoparticles and investigation of electrical properties of fabricated thick films. <i>Processing and Application of Ceramics</i> , 2016 , 10, 209-217	1.4	40
103	Sensing properties and photochromism of Ag/TiO ₂ nano-heterostructures. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 9600-9613	13	40
102	LaFeO ₃ ceramics as selective oxygen sensors at mild temperature. <i>Ceramics International</i> , 2018 , 44, 4183-4189	3.4	39
101	In-situ grown flower-like nanostructured CuO on screen printed carbon electrodes for non-enzymatic amperometric sensing of glucose. <i>Mikrochimica Acta</i> , 2017 , 184, 2375-2385	5.8	38
100	Sensing behavior to ethanol of tin oxide nanoparticles prepared by microwave synthesis with different irradiation time. <i>Sensors and Actuators B: Chemical</i> , 2014 , 194, 96-104	8.5	36
99	Modification of anatase using noble-metals (Au, Pt, Ag): Toward a nanoheterojunction exhibiting simultaneously photocatalytic activity and plasmonic gas sensing. <i>Applied Catalysis B: Environmental</i> , 2017 , 218, 370-384	21.8	36
98	One-step microwave-assisted synthesis and characterization of novel CuO nanodisks for non-enzymatic glucose sensing. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 835, 161-168	4.1	36
97	Pt-TiO ₂ /MWCNTs Hybrid Composites for Monitoring Low Hydrogen Concentrations in Air. <i>Sensors</i> , 2012 , 12, 12361-12373	3.8	35
96	CO sensing properties under UV radiation of Ga-doped ZnO nanopowders. <i>Applied Surface Science</i> , 2015 , 355, 1321-1326	6.7	34
95	Non-enzymatic Glucose Sensor Based on Nickel/Carbon Composite. <i>Electroanalysis</i> , 2018 , 30, 727-733	3	33

94	Fabrication of folic acid sensor based on the Cu doped SnO ₂ nanoparticles modified glassy carbon electrode. <i>Nanotechnology</i> , 2014 , 25, 295501	3.4	33
93	Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 814, 91-96	4.1	31
92	A novel disposable electrochemical sensor for determination of carbamazepine based on Fe doped SnO ₂ nanoparticles modified screen-printed carbon electrode. <i>Materials Science and Engineering C</i> , 2016 , 62, 53-60	8.3	30
91	Investigation of CdO nanostructures synthesized by microwave assisted irradiation technique for NO ₂ gas detection. <i>Journal of Alloys and Compounds</i> , 2014 , 607, 54-60	5.7	30
90	Tuning the NiO Thin Film Morphology on Carbon Nanotubes by Atomic Layer Deposition for Enzyme-Free Glucose Sensing. <i>ChemElectroChem</i> , 2019 , 6, 383-392	4.3	30
89	Two-Dimensional (2D) SnS ₂ -based Oxygen Sensor. <i>Procedia Engineering</i> , 2016 , 168, 1102-1105		29
88	CO sensing characteristics of In-doped ZnO semiconductor nanoparticles. <i>Journal of Science: Advanced Materials and Devices</i> , 2017 , 2, 34-40	4.2	28
87	La _{0.6} Sr _{0.4} FeO ₃ - δ and La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₃ - δ Perovskite Materials for H ₂ O ₂ and Glucose Electrochemical Sensors. <i>Electroanalysis</i> , 2015 , 27, 684-692	3	28
86	Microwave irradiated Sn-substituted CdO nanostructures for enhanced CO ₂ sensing. <i>Ceramics International</i> , 2015 , 41, 14766-14772	5.1	27
85	Synthesis, Characterization and Sensing Properties of AZO and IZO Nanomaterials. <i>Chemosensors</i> , 2014 , 2, 121-130	4	27
84	Exfoliated 2D-MoS ₂ nanosheets on carbon and gold screen printed electrodes for enzyme-free electrochemical sensing of tyrosine. <i>Sensors and Actuators B: Chemical</i> , 2020 , 303, 127229	8.5	24
83	Effect of gamma irradiation on structural, electrical and gas sensing properties of tungsten oxide nanoparticles. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 366-372	5.7	23
82	Electrochemical properties of a novel Ni-doped nanoporous carbon. <i>Materials Letters</i> , 2015 , 160, 452-455	3	18
81	CO sensing properties of electro-spun Ca-doped ZnO fibres. <i>Nanotechnology</i> , 2018 , 29, 305501	3.4	18
80	Gas Sensing of NiO-SCCNT Core/Shell Heterostructures: Optimization by Radial Modulation of the Hole-Accumulation Layer. <i>Advanced Functional Materials</i> , 2020 , 30, 1906874	15.6	18
79	Metal-Oxide Based Nanomaterials: Synthesis, Characterization and Their Applications in Electrical and Electrochemical Sensors. <i>Sensors</i> , 2021 , 21,	3.8	18
78	Ammonia sensing properties of V-doped ZnO:Ca nanopowders prepared by sol-gel synthesis. <i>Journal of Solid State Chemistry</i> , 2015 , 226, 192-200	3.3	17
77	Room-Temperature Hydrogen Sensing with Heteronanostructures Based on Reduced Graphene Oxide and Tin Oxide. <i>Angewandte Chemie</i> , 2012 , 124, 11215-11219	3.6	17

76	MgNi ₂ O ₃ nanoparticles as novel and versatile sensing material for non-enzymatic electrochemical sensing of glucose and conductometric determination of acetone. <i>Journal of Alloys and Compounds</i> , 2020 , 817, 152787	5.7	17
75	Room temperature detection and modelling of sub-ppm NO ₂ by low-cost nanoporous NiO film. <i>Sensors and Actuators B: Chemical</i> , 2020 , 305, 127481	8.5	17
74	PANI/Sm ₂ O ₃ nanocomposite sensor for fast hydrogen detection at room temperature. <i>Synthetic Metals</i> , 2020 , 268, 116493	3.6	17
73	A highly sensitive room temperature humidity sensor based on 2D-WS ₂ nanosheets. <i>FlatChem</i> , 2018 , 9, 21-26	5.1	17
72	Excellent CO gas sensor based on Ga-doped ZnO nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 6020-6024	2.1	16
71	Novel nanosynthesis of InO and its application as a resistive gas sensor for sevoflurane anesthetic. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 399-407	7.3	16
70	Investigations on the effect of gamma-ray irradiation on the gas sensing properties of SnO ₂ nanoparticles. <i>Nanotechnology</i> , 2016 , 27, 385502	3.4	16
69	Characterisation and H ₂ O ₂ sensing properties of TiO ₂ -CNTs/Pt electro-catalysts. <i>Materials Chemistry and Physics</i> , 2016 , 170, 129-137	4.4	16
68	Ammonia sensing properties of two-dimensional tin disulphide/tin oxides (SnS ₂ /SnO _{2-x}) mixed phases. <i>Journal of Alloys and Compounds</i> , 2019 , 781, 440-449	5.7	16
67	Doped-ZnO nanoparticles for selective gas sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 9667-9674	2.1	15
66	High performance Gd-doped Fe ₂ O ₃ based acetone sensor. <i>Materials Science in Semiconductor Processing</i> , 2020 , 116, 105154	4.3	15
65	Development of a hydrogen dual sensor for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 11896-11902	6.7	15
64	Comparison of Electrical and Sensing Properties of Pure, Sn- and Zn-Doped CuO Gas Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 903-912	5.2	15
63	Behavior of sheet-like crystalline ammonium trivanadate hemihydrate (NH ₄ V ₃ O ₈ ·5H ₂ O) as a novel ammonia sensing material. <i>Journal of Solid State Chemistry</i> , 2013 , 202, 105-110	3.3	15
62	Comparison of the Sensing Properties of ZnO Nanowalls-Based Sensors toward Low Concentrations of CO and NO ₂ . <i>Chemosensors</i> , 2017 , 5, 20	4	15
61	Fe ₂ O ₃ /Carbon Nanotube-Based Resistive Sensors for the Selective Ammonia Gas Sensing. <i>Sensor Letters</i> , 2014 , 12, 17-23	0.9	15
60	Origin of the different behavior of some platinum decorated nanocarbons towards the electrochemical oxidation of hydrogen peroxide. <i>Materials Chemistry and Physics</i> , 2016 , 184, 269-278	4.4	13
59	Silver nanoparticles/polymethacrylic acid (AgNPs/PMA) hybrid nanocomposites-modified electrodes for the electrochemical detection of nitrate ions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 84, 83-90	4.6	13

58	Electrochemical Properties of Ag@iron Oxide Nanocomposite for Application as Nitrate Sensor. <i>Electroanalysis</i> , 2015 , 27, 2654-2662	3	13
57	Synthesis and characterization of Sm ₂ O ₃ nanorods for application as a novel CO gas sensor. <i>Applied Surface Science</i> , 2019 , 487, 793-800	6.7	12
56	Photo-electrochemical properties of CuO/TiO ₂ heterojunctions for glucose sensing. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9529-9539	7.1	12
55	NdFeO as a new electrocatalytic material for the electrochemical monitoring of dopamine. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7681-7688	4.4	12
54	High performance acetone sensor based on FeO/Al-ZnO nanocomposites. <i>Nanotechnology</i> , 2019 , 30, 055502	3.4	12
53	Nanostructured Nickel on Porous Carbon-Silica Matrix as an Efficient Electrocatalytic Material for a Non-Enzymatic Glucose Sensor. <i>Chemosensors</i> , 2018 , 6, 54	4	11
52	Photo-Electrochemical Sensing of Dopamine by a Novel Porous TiO ₂ Array-Modified Screen-Printed Ti Electrode. <i>Sensors</i> , 2018 , 18,	3.8	10
51	Monitoring of glucose in fermentation processes by using Au/TiO ₂ composites as novel modified electrodes. <i>Journal of Applied Electrochemistry</i> , 2015 , 45, 943-951	2.6	9
50	Synthesis, characterization and hydrogen sensing properties of nanosized colloidal rhodium oxides prepared by Pulsed Laser Ablation in water. <i>Sensors and Actuators B: Chemical</i> , 2018 , 262, 79-85	8.5	9
49	Electrochemical sensing of ascorbic acid by a novel manganese(III) complex. <i>Materials Letters</i> , 2014 , 133, 232-235	3.3	9
48	Defects and gas sensing properties of carbon nanotube-based devices. <i>Journal of Sensors and Sensor Systems</i> , 2015 , 4, 25-30	1.6	9
47	Development of a Novel Cu(II) Complex Modified Electrode and a Portable Electrochemical Analyzer for the Determination of Dissolved Oxygen (DO) in Water. <i>Chemosensors</i> , 2016 , 4, 7	4	9
46	Electrochemical Sensing of Serotonin by a Modified MnO-Graphene Electrode. <i>Biosensors</i> , 2020 , 10,	5.9	9
45	A novel conductometric sensor based on hierarchical self-assembly nanoparticles Sm ₂ O ₃ for VOCs monitoring. <i>Ceramics International</i> , 2018 , 44, 16953-16959	5.1	9
44	Detection of Catecholamine Neurotransmitters by Nanostructured SnO ₂ -Based Electrochemical Sensors: A Review of Recent Progress. <i>Mini-Reviews in Organic Chemistry</i> , 2018 , 15, 382-388	1.7	8
43	Acetone sensing and modelling by low-cost NiO nanowalls. <i>Materials Letters</i> , 2020 , 262, 127043	3.3	8
42	Resonant Devices and Gas Sensing: from Low Frequencies to Microwave Range 2019 ,		8
41	Hydrogen Sensing Properties of Co-Doped ZnO Nanoparticles. <i>Chemosensors</i> , 2018 , 6, 61	4	8

40	Hybrid Noble-Metals/Metal-Oxide Bifunctional Nano-Heterostructure Displaying Outperforming Gas-Sensing and Photochromic Performances. <i>ACS Omega</i> , 2018 , 3, 9846-9859	3.9	7
39	. <i>IEEE Sensors Journal</i> , 2015 , 15, 3196-3200	4	7
38	Simultaneous and selective determination of dopamine and tyrosine in the presence of uric acid with 2D-MoS2 nanosheets modified screen-printed carbon electrodes. <i>FlatChem</i> , 2020 , 24, 100187	5.1	7
37	Monitoring of Chemical Risk Factors for Sudden Infant Death Syndrome (SIDS) by Hydroxyapatite-Graphene-MWCNT Composite-Based Sensors. <i>Sensors</i> , 2019 , 19,	3.8	6
36	Effects of UV Irradiation on the Sensing Properties of InO for CO Detection at Low Temperature. <i>Micromachines</i> , 2019 , 10,	3.3	5
35	Synthesis, characterization and electrochemical properties of 5-aza[5]helicene-CHO-CO-MWCNTs nanocomposite. <i>Nanotechnology</i> , 2017 , 28, 135501	3.4	4
34	NO2 sensing properties of N-, F- and NF co-doped ZnO nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021 , 263, 114870	3.1	4
33	Ultrasensitive Non-enzymatic Electrochemical Glucose Sensor Based on NiO/CNT Composite. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 135-140	0.2	3
32	MOx/CNTs Hetero-Structures for Gas Sensing Applications: Role of CNTs Defects. <i>Procedia Engineering</i> , 2012 , 47, 1259-1262		3
31	Life Cycle Assessment for Supporting Eco-Design: The Case Study of SodiumNickel Chloride Cells. <i>Energies</i> , 2021 , 14, 1897	3.1	3
30	High Performance Flame-Made Ultraporous ZnO-Based QCM Sensor For Acetaldehyde 2019 ,		2
29	Ag-doped nanostructured materials for electrochemical sensors 2015 ,		2
28	Development of a high performance oxygen sensor operating at room temperature 2018 ,		2
27	Development of Electronic-Nose Technologies for Biomedical Applications. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 475-478	0.2	2
26	Optical, electrical and sensing properties of ZnO nanoparticles synthesized by sol-gel technique 2014 ,		2
25	Microstructural, Electrical and Hydrogen Sensing Properties of F-SnO2 Nanoparticles. <i>Procedia Engineering</i> , 2014 , 87, 1087-1090		2
24	Effect of Ga-doping and UV Radiation on High Performance CO Sensing of ZnO Nano-powders. <i>Procedia Engineering</i> , 2014 , 87, 1079-1082		2
23	On the Development and Characterization of PMA-based SAW Sensing Devices. <i>Procedia Engineering</i> , 2012 , 47, 1271-1274		2

22	Fast and selective detection of volatile organic compounds using a novel pseudo spin-ladder compound CaCu ₂ O ₃ . <i>Materials Advances</i> , 2020 , 1, 2368-2379	3.3	2
21	Ultrathin Silicon Nanowires for Optical and Electrical Nitrogen Dioxide Detection. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
20	Investigation on the ageing mechanism for a lithium-ion cell under accelerated tests: The case of primary frequency regulation service. <i>Journal of Energy Storage</i> , 2021 , 41, 102904	7.8	2
19	Development of a MnO ₂ -Modified Screen-Printed Electrode for Phenol Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-9	5.2	2
18	Electrochemical Sensor Based on Molybdenum Oxide Nanoparticles for Detection of Dopamine. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 31-38	0.2	1
17	Characterization and Ammonia Sensing Properties of 2D SnS ₂ /SnO ₂ Flakes-Based Films. <i>Proceedings (mdpi)</i> , 2017 , 1, 327	0.3	1
16	Synthesis, characterization and electrochemical properties of metal-doped nanoporous carbon. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 92, 012005	0.4	1
15	A comparative study on the electrical and gas sensing properties of thick films prepared with synthesized nano-sized and commercial micro-sized Fe ₂ O ₃ powders. <i>Processing and Application of Ceramics</i> , 2017 , 11, 265-274	1.4	1
14	Samarium Oxide as a Novel Sensing Material for Acetone and Ethanol. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 83-87	0.2	1
13	A Portable System for the Monitoring of Dissolved Oxygen in Aquatic Environment. <i>Lecture Notes in Electrical Engineering</i> , 2017 , 67-73	0.2	1
12	A comparison of NO ₂ sensing characteristics of Zn and Fe oxide-based solid-state gas sensors. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	1
11	Sensing Properties of Indium, Tin and Zinc Oxides for Hexanal Detection. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 39-44	0.2	1
10	2018 ,		1
9	High Performance VOCs Sensor Based on Zn-Fe ₂ O ₃ /Al-ZnO Nanocomposites. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 25-30	0.2	
8	Sunflower pollen-assisted synthesis of nanosized semiconducting ZnO and its application in the selective sensing of NO ₂ . <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 11096-11103	2.1	
7	Dissolved Oxygen Sensor Based on Reduced Graphene Oxide. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 89-93	0.2	
6	Titania/MWCNTS Nanocomposites for Low Temperature Hydrogen Sensing. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 487-491	0.2	
5	Development of an Efficient Acetone Conductometric Sensor Based on NdFeO ₃ . <i>Lecture Notes in Electrical Engineering</i> , 2020 , 201-206	0.2	

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| 4 | Photochemical Activation of Non-enzymatic Sensors Based on Cu/TiO ₂ . <i>Lecture Notes in Electrical Engineering</i> , 2020 , 195-200 | 0.2 |
| 3 | CuO-Modified Cu Electrodes for Glucose Sensing. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 90-96 | 0.2 |
| 2 | Stable Aqueous Solution for the Fabrication of Fe ₂ O ₃ Thin Film-Based Chemoresistive Sensors. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 97-102 | 0.2 |
| 1 | Retraction notice to: Microwave-assisted synthesis and characterization of WO _x nanostructures for gas sensor application [J. Alloy. Compd. 762 (2018) 745–753]. <i>Journal of Alloys and Compounds</i> , 2021 , 864, 159169 | 5.7 |