

# Salvatore Gianluca Leonardi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1641973/publications.pdf>

Version: 2024-02-01

129  
papers

5,377  
citations

81900  
39  
h-index

91884  
69  
g-index

138  
all docs

138  
docs citations

138  
times ranked

6532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of hazardous volatile organic compounds (VOCs) by metal oxide nanostructures-based gas sensors: A review. <i>Ceramics International</i> , 2016, 42, 15119-15141.	4.8	866
2	Al-doped ZnO for highly sensitive CO gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 413-420.	7.8	325
3	Room-Temperature Hydrogen Sensing with Heteronanostructures Based on Reduced Graphene Oxide and Tin Oxide. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11053-11057.	13.8	259
4	Sensing behavior of SnO <sub>2</sub> /reduced graphene oxide nanocomposites toward NO <sub>2</sub> . <i>Sensors and Actuators B: Chemical</i> , 2013, 179, 61-68.	7.8	160
5	Two-Dimensional Zinc Oxide Nanostructures for Gas Sensor Applications. <i>Chemosensors</i> , 2017, 5, 17.	3.6	134
6	Sol gel graphene/TiO <sub>2</sub> nanoparticles for the photocatalytic-assisted sensing and abatement of NO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2019, 243, 183-194.	20.2	131
7	Highly stable and selective ethanol sensor based on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles prepared by Pechini sol-gel method. <i>Ceramics International</i> , 2016, 42, 6136-6144.	4.8	126
8	Synthesis, Characterization and Gas Sensing Properties of Ag@ $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Core-Shell Nanocomposites. <i>Nanomaterials</i> , 2015, 5, 737-749.	4.1	102
9	Simultaneous electrochemical determination of epinephrine and uric acid in the presence of ascorbic acid using SnO <sub>2</sub> /graphene nanocomposite modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1412-1422.	7.8	99
10	Pt-decorated In <sub>2</sub> O <sub>3</sub> nanoparticles and their ability as a highly sensitive (<10 ppb) acetone sensor for biomedical applications. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 697-705.	7.8	97
11	CO and NO <sub>2</sub> Selective Monitoring by ZnO-Based Sensors. <i>Nanomaterials</i> , 2013, 3, 357-369.	4.1	92
12	Enhanced performance of novel calcium/aluminum co-doped zinc oxide for CO <sub>2</sub> sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 36-44.	7.8	88
13	Electrochemical sensor for simultaneous determination of ascorbic acid, uric acid and folic acid based on Mn-SnO <sub>2</sub> nanoparticles modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 23-32.	3.8	86
14	Effect of indium doping on ZnO based-gas sensor for CO. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 319-325.	4.0	82
15	Characterization and optical studies of PVP-capped silver nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 37-46.	9.1	80
16	Metal-Oxide Based Nanomaterials: Synthesis, Characterization and Their Applications in Electrical and Electrochemical Sensors. <i>Sensors</i> , 2021, 21, 2494.	3.8	79
17	A novel gas sensor based on Ag/Fe <sub>2</sub> O <sub>3</sub> core-shell nanocomposites. <i>Ceramics International</i> , 2016, 42, 18974-18982.	4.8	76
18	Sm-doped cobalt ferrite nanoparticles: A novel sensing material for conductometric hydrogen leak sensor. <i>Ceramics International</i> , 2017, 43, 1029-1037.	4.8	69

#	ARTICLE	IF	CITATIONS
19	ZnO:Ca nanopowders with enhanced CO <sub>2</sub> sensing properties. Journal Physics D: Applied Physics, 2015, 48, 255503.	2.8	68
20	Sr- and Ni-doping in ZnO nanorods synthesized by a simple wet chemical method as excellent materials for CO and CO <sub>2</sub> gas sensing. RSC Advances, 2016, 6, 82733-82742.	3.6	68
21	CO sensing properties of Ga-doped ZnO prepared by sol-gel route. Journal of Alloys and Compounds, 2015, 634, 187-192.	5.5	62
22	LaFeO <sub>3</sub> ceramics as selective oxygen sensors at mild temperature. Ceramics International, 2018, 44, 4183-4189.	4.8	60
23	Synthesis and characterization of mesoporous $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles and investigation of electrical properties of fabricated thick films. Processing and Application of Ceramics, 2016, 10, 209-217.	0.8	60
24	Electrochemical properties of Ce-doped SrFeO <sub>3</sub> perovskites-modified electrodes towards hydrogen peroxide oxidation. Electrochimica Acta, 2016, 190, 939-947.	5.2	58
25	Development of a selective hydrogen leak sensor based on chemically doped SnO <sub>2</sub> for automotive applications. International Journal of Hydrogen Energy, 2017, 42, 10645-10655.	7.1	57
26	Amperometric Sensing of H <sub>2</sub> O <sub>2</sub> using Pt-TiO <sub>2</sub> /Reduced Graphene Oxide Nanocomposites. ChemElectroChem, 2014, 1, 617-624.	3.4	56
27	A comparison of the ethanol sensing properties of $\gamma$ -iron oxide nanostructures prepared via the sol-gel and electrospinning techniques. Nanotechnology, 2016, 27, 075502.	2.6	54
28	Gas sensing properties of Al-doped ZnO for UV-activated CO detection. Journal Physics D: Applied Physics, 2016, 49, 135502.	2.8	54
29	One-step microwave-assisted synthesis and characterization of novel CuO nanodisks for non-enzymatic glucose sensing. Journal of Electroanalytical Chemistry, 2019, 835, 161-168.	3.8	53
30	CO sensing properties under UV radiation of Ga-doped ZnO nanopowders. Applied Surface Science, 2015, 355, 1321-1326.	6.1	48
31	In-situ grown flower-like nanostructured CuO on screen printed carbon electrodes for non-enzymatic amperometric sensing of glucose. Mikrokimica Acta, 2017, 184, 2375-2385.	5.0	48
32	Non-enzymatic Glucose Sensor Based on Nickel/Carbon Composite. Electroanalysis, 2018, 30, 727-733.	2.9	48
33	Tuning the NiO Thin Film Morphology on Carbon Nanotubes by Atomic Layer Deposition for Enzyme-Free Glucose Sensing. ChemElectroChem, 2019, 6, 383-392.	3.4	47
34	Sensing properties and photochromism of Ag-TiO <sub>2</sub> nano-heterostructures. Journal of Materials Chemistry A, 2016, 4, 9600-9613.	10.3	45
35	A novel disposable electrochemical sensor for determination of carbamazepine based on Fe doped SnO <sub>2</sub> nanoparticles modified screen-printed carbon electrode. Materials Science and Engineering C, 2016, 62, 53-60.	7.3	45
36	Modification of anatase using noble-metals (Au, Pt, Ag): Toward a nanoheterojunction exhibiting simultaneously photocatalytic activity and plasmonic gas sensing. Applied Catalysis B: Environmental, 2017, 218, 370-384.	20.2	43

#	ARTICLE	IF	CITATIONS
37	Exfoliated 2D-MoS <sub>2</sub> 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.	7.8	43
38	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.	5.5	42
39	Investigation of CdO nanostructures synthesized by microwave assisted irradiation technique for NO <sub>2</sub> gas detection. <i>Journal of Alloys and Compounds</i> , 2014, 607, 54-60.	5.5	41
40	Fabrication of folic acid sensor based on the Cu doped SnO <sub>2</sub> nanoparticles modified glassy carbon electrode. <i>Nanotechnology</i> , 2014, 25, 295501.	2.6	41
41	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.	7.8	40
42	Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2018, 814, 91-96.	3.8	40
43	Two-Dimensional (2D) SnS <sub>2</sub> -based Oxygen Sensor. <i>Procedia Engineering</i> , 2016, 168, 1102-1105.	1.2	37
44	CO sensing characteristics of In-doped ZnO semiconductor nanoparticles. <i>Journal of Science: Advanced Materials and Devices</i> , 2017, 2, 34-40.	3.1	37
45	Pt-TiO <sub>2</sub> /MWCNTs Hybrid Composites for Monitoring Low Hydrogen Concentrations in Air. <i>Sensors</i> , 2012, 12, 12361-12373.	3.8	36
46	La <sub>0.6</sub> Sr <sub>0.4</sub> FeO <sub>3-<math>\delta</math></sub> and La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-<math>\delta</math></sub> Perovskite Materials for H <sub>2</sub> O <sub>2</sub> and Glucose Electrochemical Sensors. <i>Electroanalysis</i> , 2015, 27, 684-692.	2.9	35
47	Microwave irradiated Sn-substituted CdO nanostructures for enhanced CO <sub>2</sub> sensing. <i>Ceramics International</i> , 2015, 41, 14766-14772.	4.8	35
48	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.	14.9	33
49	PANI/Sm <sub>2</sub> O <sub>3</sub> nanocomposite sensor for fast hydrogen detection at room temperature. <i>Synthetic Metals</i> , 2020, 268, 116493.	3.9	33
50	Room temperature detection and modelling of sub-ppm NO <sub>2</sub> by low-cost nanoporous NiO film. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127481.	7.8	32
51	A highly sensitive room temperature humidity sensor based on 2D-WS <sub>2</sub> nanosheets. <i>FlatChem</i> , 2018, 9, 21-26.	5.6	30
52	Synthesis, Characterization and Sensing Properties of AZO and IZO Nanomaterials. <i>Chemosensors</i> , 2014, 2, 121-130.	3.6	29
53	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.	4.7	29
54	Synthesis and characterization of Sm <sub>2</sub> O <sub>3</sub> nanorods for application as a novel CO gas sensor. <i>Applied Surface Science</i> , 2019, 487, 793-800.	6.1	28

#	ARTICLE	IF	CITATIONS
55	Ammonia sensing properties of two-dimensional tin disulphide/tin oxides (SnS <sub>2</sub> /SnO <sub>2-x</sub> ) mixed phases. Journal of Alloys and Compounds, 2019, 781, 440-449.	5.5	28
56	Investigations on the effect of gamma-ray irradiation on the gas sensing properties of SnO <sub>2</sub> nanoparticles. Nanotechnology, 2016, 27, 385502.	2.6	26
57	Photo-electrochemical properties of CuO@TiO <sub>2</sub> heterojunctions for glucose sensing. Journal of Materials Chemistry C, 2020, 8, 9529-9539.	5.5	25
58	CO <sub>2</sub> sensing properties of electro-spun Ca-doped ZnO fibres. Nanotechnology, 2018, 29, 305501.	2.6	24
59	Characterisation and H <sub>2</sub> O <sub>2</sub> sensing properties of TiO <sub>2</sub> -CNTs/Pt electro-catalysts. Materials Chemistry and Physics, 2016, 170, 129-137.	4.0	22
60	High performance Gd-doped $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> based acetone sensor. Materials Science in Semiconductor Processing, 2020, 116, 105154.	4.0	22
61	Electrochemical properties of a novel Ni-doped nanoporous carbon. Materials Letters, 2015, 160, 452-455.	2.6	21
62	Novel nanosynthesis of In <sub>2</sub> O <sub>3</sub> and its application as a resistive gas sensor for sevoflurane anesthetic. Journal of Materials Chemistry B, 2015, 3, 399-407.	5.8	21
63	MgNi <sub>2</sub> O <sub>3</sub> nanoparticles as novel and versatile sensing material for non-enzymatic electrochemical sensing of glucose and conductometric determination of acetone. Journal of Alloys and Compounds, 2020, 817, 152787.	5.5	21
64	Electrochemical Sensing of Serotonin by a Modified MnO <sub>2</sub> -Graphene Electrode. Biosensors, 2020, 10, 33.	4.7	21
65	Excellent CO gas sensor based on Ga-doped ZnO nanoparticles. Journal of Materials Science: Materials in Electronics, 2015, 26, 6020-6024.	2.2	20
66	Development of a hydrogen dual sensor for fuel cell applications. International Journal of Hydrogen Energy, 2018, 43, 11896-11902.	7.1	20
67	Behavior of sheet-like crystalline ammonium trivanadate hemihydrate (NH <sub>4</sub> V <sub>3</sub> O <sub>8</sub> ·0.5H <sub>2</sub> O) as a novel ammonia sensing material. Journal of Solid State Chemistry, 2013, 202, 105-110.	2.9	19
68	Ammonia sensing properties of V-doped ZnO:Ca nanopowders prepared by sol-gel synthesis. Journal of Solid State Chemistry, 2015, 226, 192-200.	2.9	19
69	Comparison of the Sensing Properties of ZnO Nanowalls-Based Sensors toward Low Concentrations of CO and NO <sub>2</sub> . Chemosensors, 2017, 5, 20.	3.6	19
70	High performance acetone sensor based on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> /ZnO nanocomposites. Nanotechnology, 2019, 30, 055502.	2.6	19
71	Simultaneous and selective determination of dopamine and tyrosine in the presence of uric acid with 2D-MoS <sub>2</sub> nanosheets modified screen-printed carbon electrodes. FlatChem, 2020, 24, 100187.	5.6	19
72	Fe <sub>2</sub> O <sub>3</sub> /Carbon Nanotube-Based Resistive Sensors for the Selective Ammonia Gas Sensing. Sensor Letters, 2014, 12, 17-23.	0.4	19

#	ARTICLE	IF	CITATIONS
73	Doped-ZnO nanoparticles for selective gas sensors. Journal of Materials Science: Materials in Electronics, 2017, 28, 9667-9674.	2.2	18
74	Electrochemical Properties of Ag@iron Oxide Nanocomposite for Application as Nitrate Sensor. Electroanalysis, 2015, 27, 2654-2662.	2.9	17
75	Photo-Electrochemical Sensing of Dopamine by a Novel Porous TiO <sub>2</sub> Array-Modified Screen-Printed Ti Electrode. Sensors, 2018, 18, 3566.	3.8	17
76	NdFeO <sub>3</sub> as a new electrocatalytic material for the electrochemical monitoring of dopamine. Analytical and Bioanalytical Chemistry, 2019, 411, 7681-7688.	3.7	17
77	Nanostructured Nickel on Porous Carbon-Silica Matrix as an Efficient Electrocatalytic Material for a Non-Enzymatic Glucose Sensor. Chemosensors, 2018, 6, 54.	3.6	16
78	Hydrogen Sensing Properties of Co-Doped ZnO Nanoparticles. Chemosensors, 2018, 6, 61.	3.6	16
79	A novel conductometric sensor based on hierarchical self-assembly nanoparticles Sm <sub>2</sub> O <sub>3</sub> for VOCs monitoring. Ceramics International, 2018, 44, 16953-16959.	4.8	16
80	Silver nanoparticles/polymethacrylic acid (AgNPs/PMA) hybrid nanocomposites-modified electrodes for the electrochemical detection of nitrate ions. Measurement: Journal of the International Measurement Confederation, 2016, 84, 83-90.	5.0	15
81	Origin of the different behavior of some platinum decorated nanocarbons towards the electrochemical oxidation of hydrogen peroxide. Materials Chemistry and Physics, 2016, 184, 269-278.	4.0	14
82	Hybrid Noble-Metals/Metal-Oxide Bifunctional Nano-Heterostructure Displaying Outperforming Gas-Sensing and Photochromic Performances. ACS Omega, 2018, 3, 9846-9859.	3.5	14
83	Detection of Catecholamine Neurotransmitters by Nanostructured SnO <sub>2</sub> -Based Electrochemical Sensors: A Review of Recent Progress. Mini-Reviews in Organic Chemistry, 2018, 15, 382-388.	1.3	14
84	Defects and gas sensing properties of carbon nanotube-based devices. Journal of Sensors and Sensor Systems, 2015, 4, 25-30.	0.9	14
85	NO <sub>2</sub> sensing properties of N-, F- and NF co-doped ZnO nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114870.	3.5	13
86	Monitoring of glucose in fermentation processes by using Au/TiO <sub>2</sub> composites as novel modified electrodes. Journal of Applied Electrochemistry, 2015, 45, 943-951.	2.9	12
87	Resonant Devices and Gas Sensing: from Low Frequencies to Microwave Range. , 2019, , .		12
88	Acetone sensing and modelling by low-cost NiO nanowalls. Materials Letters, 2020, 262, 127043.	2.6	12
89	Ultrathin Silicon Nanowires for Optical and Electrical Nitrogen Dioxide Detection. Nanomaterials, 2021, 11, 1767.	4.1	12
90	Development of a Novel Cu(II) Complex Modified Electrode and a Portable Electrochemical Analyzer for the Determination of Dissolved Oxygen (DO) in Water. Chemosensors, 2016, 4, 7.	3.6	11

#	ARTICLE	IF	CITATIONS
91	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.	7.8	11
92	Electrochemical sensing of ascorbic acid by a novel manganese(III) complex. <i>Materials Letters</i> , 2014, 133, 232-235.	2.6	10
93	Ink-Jet Printed Colorimetric Sensor for the Determination of Fe(II). <i>IEEE Sensors Journal</i> , 2015, 15, 3196-3200.	4.7	10
94	Life Cycle Assessment for Supporting Eco-Design: The Case Study of Sodium-Nickel Chloride Cells. <i>Energies</i> , 2021, 14, 1897.	3.1	10
95	Effects of UV Irradiation on the Sensing Properties of In <sub>2</sub> O <sub>3</sub> for CO Detection at Low Temperature. <i>Micromachines</i> , 2019, 10, 338.	2.9	9
96	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.	8.1	9
97	Monitoring of Chemical Risk Factors for Sudden Infant Death Syndrome (SIDS) by Hydroxyapatite-Graphene-MWCNT Composite-Based Sensors. <i>Sensors</i> , 2019, 19, 3437.	3.8	8
98	Synthesis, characterization and electrochemical properties of 5-aza[5]helicene-CH <sub>2</sub> -O-CO-MWCNTs nanocomposite. <i>Nanotechnology</i> , 2017, 28, 135501.	2.6	6
99	High Performance Flame-Made Ultraporous ZnO-Based QCM Sensor For Acetaldehyde. , 2019, , .		5
100	MOx/CNTs Hetero-Structures for Gas Sensing Applications: Role of CNTs Defects. <i>Procedia Engineering</i> , 2012, 47, 1259-1262.	1.2	4
101	A comparison of NO <sub>2</sub> sensing characteristics of Fe <sup>2+</sup> - and Fe <sup>3+</sup> -iron oxide-based solid-state gas sensors. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	4
102	Fast and selective detection of volatile organic compounds using a novel pseudo spin-ladder compound CaCu <sub>2</sub> O <sub>3</sub> . <i>Materials Advances</i> , 2020, 1, 2368-2379.	5.4	4
103	Effect of Ga-doping and UV Radiation on High Performance CO Sensing of ZnO Nano-powders. <i>Procedia Engineering</i> , 2014, 87, 1079-1082.	1.2	3
104	Ag-doped nanostructured materials for electrochemical sensors. , 2015, , .		3
105	Novel 2D-Inorganic Materials for Gas Sensing. <i>Chemosensors</i> , 2017, 5, 29.	3.6	3
106	Development of a MnO <sub>2</sub> -Modified Screen-Printed Electrode for Phenol Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	4.7	3
107	A comparative study on the electrical and gas sensing properties of thick films prepared with synthesized nano-sized and commercial micro-sized Fe <sub>2</sub> O <sub>3</sub> powders. <i>Processing and Application of Ceramics</i> , 2017, 11, 265-274.	0.8	3
108	On the Development and Characterization of PMA-based SAW Sensing Devices. <i>Procedia Engineering</i> , 2012, 47, 1271-1274.	1.2	2

#	ARTICLE	IF	CITATIONS
109	Optical, electrical and sensing properties of ZnO nanoparticles synthesized by sol-gel technique. , 2014, , .		2
110	Microstructural, Electrical and Hydrogen Sensing Properties of F-SnO <sub>2</sub> Nanoparticles. Procedia Engineering, 2014, 87, 1087-1090.	1.2	2
111	Development of a high performance oxygen sensor operating at room temperature. , 2018, , .		2
112	On paper colorimetric sensor for ascorbic acid detection. , 2015, , .		1
113	Synthesis, characterization and electrochemical properties of metal-doped nanoporous carbon. IOP Conference Series: Materials Science and Engineering, 2015, 92, 012005.	0.6	1
114	Characterization and Ammonia Sensing Properties of 2D SnS <sub>2</sub> /SnO <sub>2</sub> ~x Flakes-Based Films. Proceedings (mdpi), 2017, 1, 327.	0.2	1
115	Nanostructured MnO <sub>2</sub> for phenolic compounds degradation and monitoring. , 2018, , .		1
116	Electrochemical Sensor Based on Molybdenum Oxide Nanoparticles for Detection of Dopamine. Lecture Notes in Electrical Engineering, 2019, , 31-38.	0.4	1
117	Sensing Properties of Indium, Tin and Zinc Oxides for Hexanal Detection. Lecture Notes in Electrical Engineering, 2019, , 39-44.	0.4	1
118	Samarium Oxide as a Novel Sensing Material for Acetone and Ethanol. Lecture Notes in Electrical Engineering, 2019, , 83-87.	0.4	1
119	Correlation Between Structural and Sensing Properties of Carbon Nanotube-Based Devices. Lecture Notes in Electrical Engineering, 2015, , 207-210.	0.4	1
120	A Portable System for the Monitoring of Dissolved Oxygen in Aquatic Environment. Lecture Notes in Electrical Engineering, 2017, , 67-73.	0.4	1
121	Development of an amperometric H <sub>2</sub> O <sub>2</sub> sensor based on MOx/reduced graphene oxide nanocomposites. , 2013, , .		0
122	Dissolved Oxygen Sensor Based on Reduced Graphene Oxide. Lecture Notes in Electrical Engineering, 2014, , 89-93.	0.4	0
123	Sunflower pollen-assisted synthesis of nanosized semiconducting ZnO and its application in the selective sensing of NO <sub>2</sub> . Journal of Materials Science: Materials in Electronics, 2018, 29, 11096-11103.	2.2	0
124	High Performance VOCs Sensor Based on ÉÉ-Fe <sub>2</sub> O <sub>3</sub> /Al-ZnO Nanocomposites. Lecture Notes in Electrical Engineering, 2019, , 25-30.	0.4	0
125	Comparison of machine learning techniques for SoC and SoH evaluation from impedance data of an aged lithium ion battery. Acta IMEKO (2012), 2021, 10, 80.	0.7	0
126	CuO-Modified Cu Electrodes for Glucose Sensing. Lecture Notes in Electrical Engineering, 2018, , 90-96.	0.4	0

#	ARTICLE	IF	CITATIONS
127	Stable Aqueous Solution for the Fabrication of $\text{In}_2\text{S}_3$ -Fe <sub>2</sub> O <sub>3</sub> Thin Film-Based Chemoresistive Sensors. Lecture Notes in Electrical Engineering, 2018, , 97-102.	0.4	0
128	Development of an Efficient Acetone Conductometric Sensor Based on NdFeO <sub>3</sub> . Lecture Notes in Electrical Engineering, 2020, , 201-206.	0.4	0
129	Photochemical Activation of Non-enzymatic Sensors Based on Cu/TiO <sub>2</sub> . Lecture Notes in Electrical Engineering, 2020, , 195-200.	0.4	0