

Olga Korostynska

List of Publications by Year in descending order

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181
papers

3,310
citations

201658

27
h-index

168376

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182
all docs

182
docs citations

182
times ranked

3880
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart knife: technological advances towards smart cutting tools in meat industry automation. <i>Sensor Review</i> , 2022, 42, 155-163.	1.8	10
2	Towards human-robot collaboration in meat processing: Challenges and possibilities. <i>Journal of Food Engineering</i> , 2022, 331, 111117.	5.2	19
3	Gaussian Filter for Brain SPECT Imaging. <i>Innovative Biosystems and Bioengineering</i> , 2022, 6, 4-15.	0.7	1
4	Microwave Sensors for In Situ Monitoring of Trace Metals in Polluted Water. <i>Sensors</i> , 2021, 21, 3147.	3.8	10
5	An overview of assessment tools for determination of biological Magnesium implant degradation. <i>Medical Engineering and Physics</i> , 2021, 93, 49-58.	1.7	11
6	Microwave Sensors: Implication of Long-Term Non-Invasive Monitoring for Health. , 2021, , .		0
7	Feasibility Study of Multi-Wavelength Optical Probe to Analyze Magnesium Implant Degradation Effects. , 2021, , .		2
8	Smart Knife for Robotic Meat Cutting. , 2021, , .		1
9	Functionalised microwave sensors for real-time monitoring of copper and zinc concentration in mining-impacted water. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 1861-1876.	3.5	9
10	Real-Time Water Quality Monitoring with Chemical Sensors. <i>Sensors</i> , 2020, 20, 3432.	3.8	88
11	Microwaves and Functional Materials: A Novel Method to Continuously Detect Metal Ions in Water. <i>Smart Sensors, Measurement and Instrumentation</i> , 2019, , 179-201.	0.6	7
12	Detection of Zn in water using novel functionalised planar microwave sensors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 247, 114382.	3.5	12
13	Toward detecting boar taint compounds using low. power microwave sensors. , 2019, , .		0
14	Non-invasive Monitoring of Glycogen in Real-Time Using an Electromagnetic Sensor. <i>Smart Sensors, Measurement and Instrumentation</i> , 2019, , 1-15.	0.6	7
15	Noninvasive <itali>In-Situ</itali> Measurement of Blood Lactate Using Microwave Sensors. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 698-705.	4.2	33
16	Continuous Detection of Copper and Bromide in Polluted Water using f-EM Sensors. , 2018, , .		5
17	Electromagnetic Sensing for Non-Destructive Real-Time Fruit Ripeness Detection: Case-Study for Automated Strawberry Picking. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	3
18	A549 Cells Measurements with Optical, Impedance and Microwave Spectroscopy. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	1

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19	Screen-Printed f-EM Sensors Based on Two Chelating-Polymers and a Metal Oxide for the Continuous Detection of Cu Ions in Surface Water. <i>Proceedings (mdpi)</i> , 2018, 2, 828.	0.2	4
20	Real-Time Monitoring of <i>Tetraselmis suecica</i> in A Saline Environment as Means of Early Water Pollution Detection. <i>Toxics</i> , 2018, 6, 57.	3.7	5
21	Real-Time Microwave, Dielectric, and Optical Sensing of Lincomycin and Tylosin Antibiotics in Water: Sensor Fusion for Environmental Safety. <i>Journal of Sensors</i> , 2018, 2018, 1-11.	1.1	17
22	Comparison of Electromagnetic Wave Sensors with Optical and Low-frequency Spectroscopy Methods for Real-time Monitoring of Lead Concentrations in Mine Water. <i>Mine Water and the Environment</i> , 2018, 37, 617-624.	2.0	16
23	Detecting the Presence and Concentration of Nitrate in Water Using Microwave Spectroscopy. <i>IEEE Sensors Journal</i> , 2017, 17, 4092-4099.	4.7	17
24	In-vitro quantification of glycogen using a novel non-invasive electromagnetic sensor. , 2017, , .		0
25	Detection of glyphosate in deionised water using machine learning techniques with microwave spectroscopy. , 2017, , .		1
26	Continuous monitoring of Zn in water with bismuth oxide thick-film using microwave and electric techniques. , 2017, , .		2
27	Non-invasive measurement of blood lactate in humans using microwave sensors. , 2017, , .		3
28	State-of-the-Art Methods for Skeletal Muscle Glycogen Analysis in Athletesâ€™The Need for Novel Non-Invasive Techniques. <i>Biosensors</i> , 2017, 7, 11.	4.7	23
29	Novel rapid detection method for circulating tumour cells. , 2017, , .		0
30	Feasibility of in-situ quality assessment of zinc contamination in water. , 2017, , .		1
31	Milk Quality Monitoring Using Electromagnetic Wave Sensors. <i>Smart Sensors, Measurement and Instrumentation</i> , 2017, , 205-227.	0.6	3
32	Theoretical Basis and Application for Measuring Pork Loin Drip Loss Using Microwave Spectroscopy. <i>Sensors</i> , 2016, 16, 182.	3.8	33
33	Operative Control Parameters of Water Environment. , 2016, , .		2
34	Low-Frequency Capacitive Sensing for Environmental Monitoring of Water Pollution with Residual Antibiotics. , 2016, , .		0
35	Microwave spectroscopy: Novel cost-effective approach to measure drip loss in pork loin. , 2016, , .		0
36	Contact Poling of Polyurethane, Charge Stability and Interactions with <i>P. Mirabilis</i> . , 2016, , 225-235.		0

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37	Detection of Protein Adsorption on Hydroxyapatite Using Electromagnetic Sensors. , 2016, , 269-278.		2
38	Hydroxyapatite Thick Films as Pressure Sensors. , 2016, , 417-434.		1
39	Detection of Heparin Level in Blood Using Electromagnetic Wave Spectroscopy. , 2016, , .		2
40	X-Ray Fluorescent Method of Heavy Metals Detection in Soils of Mining and Chemical Enterprises. , 2016, , .		7
41	Real-time detection of residual antibiotics concentration with microwave cavity and planar EM sensors. , 2015, , .		3
42	Online monitoring of milk quality using electromagnetic wave sensors. , 2015, , .		9
43	Online non-destructive monitoring of meat drying using microwave spectroscopy. , 2015, , .		1
44	Development of a sensor system for vegetable oil authentication. , 2015, , .		1
45	Flexible electromagnetic wave sensor operating at GHz frequencies for instantaneous concentration measurements of NaCl, KCl, MnCl ₂ and CuCl solutions. Measurement Science and Technology, 2014, 25, 065105.	2.6	31
46	Electromagnetic Wave Sensing of <i>Euglena gracilis</i> Viability and Quantification. Key Engineering Materials, 2014, 605, 432-436.	0.4	1
47	Microwave sensors for the non-invasive monitoring of industrial and medical applications. Sensor Review, 2014, 34, 182-191.	1.8	63
48	Non-destructive evaluation of an activated carbon using microwaves to determine residual life. Carbon, 2014, 67, 1-9.	10.3	20
49	Label free detection of specific protein binding using a microwave sensor. Analyst, The, 2014, 139, 5335-5338.	3.5	7
50	Electromagnetic wave sensing of NO ₃ and COD concentrations for real-time environmental and industrial monitoring. Sensors and Actuators B: Chemical, 2014, 198, 49-54.	7.8	32
51	Flexible Electromagnetic Wave Sensors for Real-Time Assessment of Water Contaminants. Smart Sensors, Measurement and Instrumentation, 2014, , 99-115.	0.6	2
52	Assessing Water-Holding Capacity (WHC) of Meat Using Microwave Spectroscopy. Smart Sensors, Measurement and Instrumentation, 2014, , 117-140.	0.6	9
53	Flexible E-Textile Sensors For Real-Time Health Monitoring At Microwave Frequencies. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 47-47.	0.7	7
54	Detection of Pathogenic Bacteria in Aqueous Media: Assessing the Potential of Real-Time Electromagnetic Wave Sensing. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-6.	0.7	3

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55	Modern Methods of Monitoring Radiological Contamination of Water Reservoirs. Smart Sensors, Measurement and Instrumentation, 2014, , 309-324.	0.6	0
56	Detection of adsorbed cytochrome c on hydroxyapatite thick films using a microwave sensor. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-4.	0.7	2
57	Application of Microwave Spectroscopy Analysis on Determining Quality of Vegetable Oil. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-4.	0.7	1
58	A resonant co-planar sensor at microwave frequencies for biomedical applications. Sensors and Actuators A: Physical, 2013, 202, 170-175.	4.1	51
59	Basic research on an environmental monitoring system for assaying cesium and barium using laser-induced breakdown spectroscopy. , 2013, , .		4
60	Microwave Sensors for Real-Time Nutrients Detection in Water. Smart Sensors, Measurement and Instrumentation, 2013, , 197-216.	0.6	9
61	Real-Time Monitoring of Pseudomonas Aeruginosa Concentration Using a Novel Electromagnetic Sensors Microfluidic Cell Structure. IEEE Transactions on Biomedical Engineering, 2013, 60, 3291-3297.	4.2	17
62	Non-destructive volume and thickness measurements with planar microwave sensors. , 2013, , .		1
63	An alternative method for detection and categorisation of embedded asbestos in built environment. , 2013, , .		0
64	Influence of non-thermal intensity EHF radiation on properties of water and NaCl aqueous solutions. , 2013, , .		0
65	Novel method for vegetable oil type verification based on real-time microwave sensing. Sensors and Actuators A: Physical, 2013, 202, 211-216.	4.1	35
66	Monitoring Pollutants in Wastewater: Traditional Lab Based versus Modern Real-Time Approaches. Smart Sensors, Measurement and Instrumentation, 2013, , 1-24.	0.6	26
67	Evaluating the Performance of Polymer Road Curbs. Journal of Materials in Civil Engineering, 2013, 25, 1107-1114.	2.9	4
68	Real-time Sensing of NaCl Solution Concentration at Microwave Frequencies Using Novel Ag Patterns Printed on Flexible Substrates. Journal of Physics: Conference Series, 2013, 450, 012016.	0.4	5
69	Flexible microwave sensors for real-time analysis of water contaminants. Journal of Electromagnetic Waves and Applications, 2013, 27, 2075-2089.	1.6	38
70	Planar electromagnetic wave sensor for instantaneous assessment of pesticides in water. , 2013, , .		2
71	Real-time Microwave Sensor for KCl, MnCl ₂ and CuCl Solutions Concentration with Ag Patterns Printed on Flexible Substrates. Journal of Physics: Conference Series, 2013, 450, 012013.	0.4	1
72	Real-Time Monitoring of Bodily Fluids Using a Novel Electromagnetic Wave Sensor. Public Health Frontier, 2013, , 201-206.	0.1	5

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73	Real-Time Monitoring of Water Contaminants for Situation Awareness Using Electromagnetic Field Sensing System. NATO Science for Peace and Security Series B: Physics and Biophysics, 2013, , 233-241.	0.3	1
74	Real-Time Microwave Based Sensing Method for Vegetable Oil Type Verification. Procedia Engineering, 2012, 47, 623-626.	1.2	15
75	Proof-of-concept microwave sensor on flexible substrate for real-time water composition analysis. , 2012, , .		10
76	Investigating water holding capacity (WHC) of meat using microwave spectroscopy. , 2012, , .		2
77	The impact of heat treatment on interactions of contact-poled biphasic calcium phosphates with proteins and cells. Acta Biomaterialia, 2012, 8, 3468-3477.	8.3	10
78	Recent Advances in Point-of-Access Water Quality Monitoring. NATO Science for Peace and Security Series A: Chemistry and Biology, 2012, , 261-268.	0.5	6
79	Monitoring of Nitrates and Phosphates in Wastewater: Current Technologies and Further Challenges. International Journal on Smart Sensing and Intelligent Systems, 2012, 5, 149-176.	0.7	74
80	Modern Methods of Real-Time Gamma Radiation Monitoring for General Personal Protection. NATO Science for Peace and Security Series A: Chemistry and Biology, 2012, , 389-395.	0.5	0
81	High temperature induced pyroelectricity in screen-printed Hydroxyapatite thick films. , 2011, , .		2
82	Investigation into real-time pressure sensing properties of SnO ₂ , TiO ₂ , and TiO ₂ /ZnO thick films with interdigitated electrodes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1297-1300.	3.5	8
83	Poled PVDF-TrFE coatings on quartz microbalance sensors: A new technique for study of proteins in solution. , 2011, , .		0
84	An overview of foodborne pathogen detection: In the perspective of biosensors. Biotechnology Advances, 2010, 28, 232-254.	11.7	966
85	Response mechanism of novel polyaniline composite conductimetric pH sensors and the effects of polymer binder, surfactant and film thickness on sensor sensitivity. European Polymer Journal, 2010, 46, 2042-2050.	5.4	17
86	Label-free detection of Bacillus cereus DNA hybridization using electrochemical impedance spectroscopy for food quality monitoring application. , 2010, , .		3
87	Conducting polymer based DNA biosensor for the detection of the Bacillus cereus group species. Proceedings of SPIE, 2009, , .	0.8	1
88	Effects of Polymer Binder, Surfactant and film Thickness on pH Sensitivity of Polymer Thick Film Sensors. Procedia Chemistry, 2009, 1, 265-268.	0.7	5
89	Conducting Polymers and Their Applications to Biosensors: Emphasizing on Foodborne Pathogen Detection. IEEE Sensors Journal, 2009, 9, 1942-1951.	4.7	108
90	Investigation of Thick-Film Polyaniline-Based Conductimetric pH Sensors for Medical Applications. IEEE Sensors Journal, 2009, 9, 555-562.	4.7	18

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91	Glucose monitoring using electromagnetic waves and microsensor with interdigitated electrodes. , 2009, , .		20
92	Design of a real time biorecognition system to detect foodborne pathogens-DNA biosensor. , 2009, , .		5
93	Cost-effective personal radiation dosimetry. Lithuanian Journal of Physics, 2009, 49, 183-188.	0.4	2
94	Nanopatterning of micro sensor arrays for pH monitoring. , 2009, , .		1
95	Mixed metal oxide films as pH sensing materials. Microsystem Technologies, 2008, 14, 499-507.	2.0	44
96	Ozone and gamma radiation sensing properties of In ₂ O ₃ :ZnO:SnO ₂ thin films. Microsystem Technologies, 2008, 14, 557-566.	2.0	16
97	Wireless real time compact radiation detector based on Bi ₂ O ₃ /Nb ₂ O ₅ thick film capacitors. Sensors and Actuators A: Physical, 2008, 142, 28-33.	4.1	8
98	Properties of BGO thin films under the influence of gamma radiation. Thin Solid Films, 2008, 516, 1493-1498.	1.8	22
99	Sensitivity of polyvinyl butyral/carbon-black sensors to pressure. Thin Solid Films, 2008, 516, 3298-3304.	1.8	26
100	Review Paper: Materials and Techniques for <i>In Vivo</i> pH Monitoring. IEEE Sensors Journal, 2008, 8, 20-28.	4.7	90
101	Microsensors Arrays Manufacture Using the NanoeNabler™. , 2008, , .		3
102	GAMMA RADIATION AND OZONE SENSING USING MIXED OXIDE THIN FILMS. Nano, 2008, 03, 209-215.	1.0	1
103	Uncooled IR Nanobolometers Fabricated by Electron Beam Lithography and a MEMS/CMOS Process. , 2008, , .		3
104	Conductimetric pH sensor based on novel conducting polymer composite thick films. , 2008, , .		1
105	Novel Conducting Polymer Composite pH Sensors for Medical Applications. IFMBE Proceedings, 2008, , 225-228.	0.3	3
106	Bi ₂ O ₃ /Nb ₂ O ₅ thick film capacitive pH sensor using AD5933 impedance converter. , 2008, , .		1
107	Nanopatterning Using the Bioforce Nanoenabler. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 299-304.	0.3	0
108	Drop-Coated Polyaniline Composite Conductimetric pH Sensors. , 2007, , .		7

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109	Development of Wireless Pressure Measurement System for Short Range medical Applications. , 2007, , .		2
110	Gamma radiation and ozone sensing properties of In ₂ O ₃ :ZnO:SnO ₂ thin films. , 2007, 6589, 337.		2
111	State Key Laboratory of Nonlinear Mechanics (LNM), Institute of Mechanics, Chinese Academy of Sciences, Beijing 100080, China. Sensors, 2007, 7, 3027-3042.	3.8	158
112	Mixed metal oxide films as pH sensing materials. , 2007, , .		1
113	Development of a Wireless Pressure Measurement System Using Interdigitated Capacitors. IEEE Sensors Journal, 2007, 7, 122-129.	4.7	22
114	Investigation of TiO ₂ Thick Films as Sensing Layers in Conductimetric pH Sensors. , 2007, , .		1
115	pH Sensitivity of Novel PANI/PVB/PS ₃ Composite Films. Sensors, 2007, 7, 3329-3346.	3.8	41
116	Radiation-induced changes in the electrical properties of carbon filled PVDF thick films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 141, 115-120.	3.5	35
117	Development of oxide thick film capacitors for a real time pressure monitoring system. Materials Science and Engineering C, 2007, 27, 1406-1410.	7.3	5
118	Investigation of tin oxides as sensing layers in conductimetric interdigitated pH sensors. Sensors and Actuators B: Chemical, 2007, 127, 42-53.	7.8	45
119	Fabricating nanoscale device features using the 2-step NERIME nanolithography process. Microelectronic Engineering, 2007, 84, 833-836.	2.4	6
120	Optical radiation sensing properties of MnO/TeO ₂ /sub 2/ thin films. IEEE Sensors Journal, 2006, 6, 656-660.	4.7	16
121	Gamma Radiation Sensing Using ZnO and SnO ₂ Thick Film Interdigitated Capacitors. , 2006, , .		7
122	Fabricating Nanoscale Device Features Using the 2-Step NERIME Nanolithography Process. , 2006, , .		0
123	Investigation into the pressure sensing properties of PVDF and PVB thick film capacitors. , 2006, , .		6
124	Development of polymer-based sensors for integration into a wireless data acquisition system suitable for monitoring environmental and physiological processes. New Biotechnology, 2006, 23, 253-257.	2.7	17
125	PVB, PVAc and PS pressure sensors with interdigitated electrodes. Sensors and Actuators A: Physical, 2006, 132, 199-206.	4.1	18
126	Patterning nanoscale features using the 2-step NERIME nanolithography process. Microelectronic Engineering, 2006, 83, 823-826.	2.4	3

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127	Evaluating the suitability of thick-film TiO ₂ capacitors for use in a wireless pressure measurement system. <i>Materials Science and Engineering C</i> , 2006, 26, 1077-1081.	7.3	7
128	Development of high sensitivity oxide based strain gauges and pressure sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2006, 17, 767-778.	2.2	21
129	Response of metal oxide thin film structures to radiation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 133, 1-7.	3.5	59
130	Ion Beam Lithography And Resist Processing for Nanofabrication. <i>Materials Research Society Symposia Proceedings</i> , 2006, 983, 1.	0.1	0
131	Gamma radiation nose system based on In ₂ O ₃ /SiO ₂ thick-film sensors. <i>IEEE Sensors Journal</i> , 2006, 6, 380-384.	4.7	2
132	Gamma radiation sensors arrays based on metal oxide thick films. <i>Sensor Review</i> , 2006, 26, 70-75.	1.8	8
133	A Review of Digestible Microsystems for Gastrointestinal Tract Diagnostic Applications. <i>Critical Reviews in Biomedical Engineering</i> , 2006, 34, 163-186.	0.9	0
134	Development of polymer based sensors for integration into a wireless data acquisition system suitable for monitoring environmental and physiological processes. <i>New Biotechnology</i> , 2006, , .	2.7	0
135	Review of the potential of a wireless MEMS microsystem for biomedical applications. <i>Sensor Review</i> , 2005, 25, 277-286.	1.8	5
136	Gamma radiation sensing properties of TiO ₂ , ZnO, CuO and CdO thick film pn-junctions. <i>Sensors and Actuators A: Physical</i> , 2005, 123-124, 194-198.	4.1	41
137	Investigation of TiO ₂ thick film capacitors for use as strain gauge sensors. <i>Sensors and Actuators A: Physical</i> , 2005, 122, 242-249.	4.1	34
138	Review of the potential of a wireless MEMS and TFT microsystems for the measurement of pressure in the GI tract. <i>Medical Engineering and Physics</i> , 2005, 27, 347-356.	1.7	35
139	Mixed and carbon filled oxide materials as gamma radiation sensors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 118, 275-280.	3.5	9
140	Development Of PVDF Thick Film Interdigitated Capacitors For Pressure Measurement On Flexible Melinex Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2005, 870, 241.	0.1	3
141	Structural Modifications in Thin Films Caused by Gamma Radiation. <i>Materials Science Forum</i> , 2005, 480-481, 13-20.	0.3	7
142	Thin- and thick-film real-time gamma radiation detectors. <i>IEEE Sensors Journal</i> , 2005, 5, 574-580.	4.7	12
143	Thin films of In ₂ O ₃ /SiO ₂ as optical gamma radiation sensors. , 2004, , .		3
144	Novel silicone-based capacitive pressure sensors with high sensitivity for biomedical applications. <i>E-Polymers</i> , 2004, 4, .	3.0	3

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145	Thick film PN-junctions based on mixed oxides of indium and silicon as gamma radiation sensors. <i>Microelectronics International</i> , 2004, 21, 19-27.	0.6	22
146	Influence of gamma radiation on the electrical properties of MnO and MnO/TeO ₂ thin films. <i>Annalen Der Physik</i> , 2004, 13, 87-89.	2.4	18
147	Preliminary studies of properties of oxide thin/thick films for gamma radiation dosimetry. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 107, 224-232.	3.5	32
148	Screen printed thick films of NiO and LaFeO ₃ as gamma radiation sensors. <i>Sensors and Actuators A: Physical</i> , 2004, 110, 354-360.	4.1	7
149	Thin film pn-junctions based on oxide materials as ¹³⁷ I-radiation sensors. <i>Sensors and Actuators A: Physical</i> , 2004, 113, 307-311.	4.1	15
150	¹³⁷ I-Radiation sensing properties of cerium oxide based thick film structures. <i>Sensors and Actuators A: Physical</i> , 2004, 115, 196-201.	4.1	19
151	Thick film oxide diode structures for personal dosimetry application. <i>Sensors and Actuators A: Physical</i> , 2004, 113, 319-323.	4.1	16
152	Thin and thick films of metal oxides and metal phthalocyanines as gamma radiation dosimeters. <i>IEEE Transactions on Nuclear Science</i> , 2004, 51, 2250-2255.	2.0	35
153	A review of low-power wireless sensor microsystems for biomedical capsule diagnosis. <i>Microelectronics International</i> , 2004, 21, 8-19.	0.6	23
154	Radiation-induced changes in thin film structures. <i>IET Circuits, Devices and Systems</i> , 2003, 150, 361.	0.6	16
155	Thin films of (TeO ₂) _{1-x} (In ₂ O ₃) _x as gamma radiation sensors. <i>Sensor Review</i> , 2003, 23, 48-54.	1.8	21
156	Gamma radiation-induced changes in the electrical and optical properties of tellurium dioxide thin films. <i>IEEE Sensors Journal</i> , 2003, 3, 717-721.	4.7	28
157	Review of various gamma radiation dosimeters based on thin and thick films of metal oxides and polymer materials. , 2003, , .		3
158	Various Structures Based on Nickel Oxide Thick Films as Gamma Radiation Sensors. <i>Sensors</i> , 2003, 3, 176-186.	3.8	47
159	Gamma Radiation Dosimetry Using Tellurium Dioxide Thin Film Structures. <i>Sensors</i> , 2002, 2, 347-355.	3.8	64
160	Effect of gamma radiation onto the properties of TeO ₂ thin films. <i>Microelectronics International</i> , 2002, 19, 30-34.	0.6	12
161	¹³⁷ I-radiation dosimetry using screen printed nickel oxide thick films. , 0, , .		14
162	Gamma radiation dosimetry using tellurium dioxide thin film structures. , 0, , .		6

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163	Gamma radiation sensing properties of NiO thick film pn-junctions. , 0, , .		2
164	Hybrid oxide mixtures as γ -radiation sensors. , 0, , .		0
165	Gamma radiation nose system based on In/sub 2/O/sub 3//SiO thick film pn-junctions. , 0, , .		1
166	MnO/TeO/sub 2/ thin film gamma radiation sensors. , 0, , .		2
167	MnO/TeO/sub 2/ thin films as optical gamma radiation sensors. , 0, , .		2
168	Patterning nanoscale resist features on topography substrates using the 2-step NERIME FIB TSI process. , 0, , .		1
169	Patterning Nanometer Resist Features on Planar and Topography Substrates Using The 2-Step NERIME FIB Top Surface Imaging Process. , 0, , .		0
170	Radiation-induced changes in the electrical properties of TiO/sub 2/ thick films. , 0, , .		1
171	Radiation effects on electrical and optical properties of In/sub 2/O/sub 3//SiO thick films. , 0, , .		0
172	A Wireless Pressure Measurement System Based on TiO ₂ Interdigitated Sensors. , 0, , .		1
173	Development of a Portable Gamma Radiation Monitoring System. , 0, , .		1
174	Radiation nose concept. , 0, , .		1
175	Fabricating Nanoscale Device Features Using the 2-Step NERIME Nanolithography Process. , 0, , .		0
176	Wireless real-time gamma radiation dosimetry system using MgO and CeO/sub 2/ thick film capacitors. , 0, , .		1
177	Polymer Based Micro Sensors Arrays for Ph and Glucose Monitoring. Key Engineering Materials, 0, 437, 354-358.	0.4	2
178	Biomedical Sensing with Hydroxyapatite Ceramics in GHz Frequency Range. Key Engineering Materials, 0, 543, 26-29.	0.4	12
179	Flexible Approach to Sensors Arrays Nanopatterning for Real-Time Water Contaminants Monitoring Platform. Key Engineering Materials, 0, 543, 55-58.	0.4	0
180	A Novel Handheld Electrochemical Analyzer System Interfaced to a Smartphone. Key Engineering Materials, 0, 543, 47-50.	0.4	3

#	ARTICLE	IF	CITATIONS
181	Microwave Technology: The Missing Piece of the Puzzle. Key Engineering Materials, 0, 543, 443-446.	0.4	1