# Goran Stojanovic

## List of Publications by Year in descending order

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|---|---|---|---|
| 159 papers | 1,495 citations | 377584 21 h-index | 536525 29 g-index |
| 159 all docs | 159 docs citations | 159 times ranked | 1448 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Simultaneous Detection of Multiple Surface Acoustic Wave Sensor Tags for Water Quality Monitoring Utilizing Cellular Code-Reuse Approach. IEEE Internet of Things Journal, 2022, 9, 14385-14399. | 5.5 | 2 |
| 2 | Taurine Grafted Micro-Implants Improved Functions without Direct Dependency between Interleukin-6 and the Bile Acid Lithocholic Acid in Plasma. Biomedicines, 2022, 10, 111. | 1.4 | 3 |
| 3 | Comprehensive Review on Wearable Sweat-Glucose Sensors for Continuous Glucose Monitoring. Sensors, 2022, 22, 638. | 2.1 | 86 |
| 4 | Performance Evaluation of Dental Flosses Pre- and Post-Utilization. Materials, 2022, 15, 1522. | 1.3 | 3 |
| 5 | Energy-Aware QoS MAC Protocol Based on Prioritized-Data and Multi-Hop Routing for Wireless Sensor Networks. Sensors, 2022, 22, 2598. | 2.1 | 9 |
| 6 | Silver Thread-Based Microfluidic Platform for Detection of Essential Oils Using Impedance Spectroscopy. Applied Sciences (Switzerland), 2022, 12, 3596. | 1.3 | 2 |
| 7 | Textile-based electrochemical sensors and their applications. Talanta, 2022, 244, 123425. | 2.9 | 17 |
| 8 | Portable Respiration Monitoring System with an Embroidered Capacitive Facemask Sensor. Biosensors, 2022, 12, 339. | 2.3 | 16 |
| 9 | Chemical vs. Physical Methods to Improve Dermal Drug Delivery: A Case Study with Nanoemulsions and Iontophoresis. Pharmaceutics, 2022, 14, 1144. | 2.0 | 0 |
| 10 | A Randles Circuit Parameter Estimation of Li-Ion Batteries With Embedded Hardware. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12. | 2.4 | 8 |
| 11 | Detecting Freshness of Fruit and Vegetable Without and With Edible Protein-Based Foil. IEEE Sensors Journal, 2022, 22, 15698-15705. | 2.4 | 2 |
| 12 | The Measurement of Contact Angle, pH, and Conductivity of Artificial Saliva and Mouthwashes on Enamel, Glass-Ionomer, and Composite Dental Materials. Materials, 2022, 15, 4533. | 1.3 | 3 |
| 13 | Viscosity and mixing properties of artificial saliva and four different mouthwashes. Biorheology, 2021, 57, 87-100. | 1.2 | 4 |
| 14 | Synthesis and Characterization of Tin Oxide Nanopowder and Its Application to Sensing Different Pathogens. Sensors and Materials, 2021, 33, 513. | 0.3 | 0 |
| 15 | Microfluidic Platform for Examination of Effect of Chewing Xylitol Gum on Salivary pH, O2, and CO2. Applied Sciences (Switzerland), 2021, 11, 2049. | 1.3 | 2 |
| 16 | One Solution for Validation of Legal Usage Of Reserved Parking Spaces For People With Disabilities. , 2021, , . | | 3 |
| 17 | Microfluidic Approach for Measurements of pH, O2, and CO2 in Saliva. Sensors and Materials, 2021, 33, 1037. | 0.3 | 1 |
| 18 | Electrical Characterization of Conductive Threads for Textile Electronics. Electronics (Switzerland), 2021, 10, 967. | 1.8 | 17 |

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| 19 | Trustworthy Wireless Sensor Networks for Monitoring Humidity and Moisture Environments. Sensors, 2021, 21, 3636. | 2.1 | 5 |
| 20 | A Functionalized Paper Strip-Based Platform for Rapid Detection of Anticancer Drug Concentrations. Journal of Sensors, 2021, 2021, 1-11. | 0.6 | 0 |
| 21 | Rapid detection of olive oil blends using a paper-based portable microfluidic platform. Food Control, 2021, 124, 107888. | 2.8 | 5 |
| 22 | Rapid Selective Detection of Ascorbic Acid Using Graphene-Based Microfluidic Platform. IEEE Sensors Journal, 2021, 21, 16744-16753. | 2.4 | 6 |
| 23 | Fabric based printed-distributed battery for wearable e-textiles: a review. Science and Technology of Advanced Materials, 2021, 22, 772-793. | 2.8 | 14 |
| 24 | A Low-Complexity Method for Parameter Estimation of the Simplified Randles Circuit With Experimental Verification. IEEE Sensors Journal, 2021, 21, 24209-24217. | 2.4 | 7 |
| 25 | Polyelectrolytes Formulated with Primary Unconjugated Bile Acid Optimised Pharmacology of Bio-Engineered Implant. Pharmaceutics, 2021, 13, 1713. | 2.0 | 5 |
| 26 | FEM Analysis of Various Multilayer Structures for CMOS Compatible Wearable Acousto-Optic Devices. Sensors, 2021, 21, 7863. | 2.1 | 2 |
| 27 | Silver Conductive Threads-Based Embroidered Electrodes on Textiles as Moisture Sensors for Fluid Detection in Biomedical Applications. Materials, 2021, 14, 7813. | 1.3 | 13 |
| 28 | Impedance analysis of milk quality using functionalized polyamide textile-based sensor. Computers and Electronics in Agriculture, 2021, 191, 106545. | 3.7 | 4 |
| 29 | Non-iterative parameter estimation of the 2R-1C model suitable for low-cost embedded hardware. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 476-490. | 1.5 | 7 |
| 30 | Bile acid bio-nanoencapsulation improved drug targeted-delivery and pharmacological effects via cellular flux: 6-months diabetes preclinical study. Scientific Reports, 2020, 10, 106. | 1.6 | 41 |
| 31 | A second-generation micro/nano capsules of an endogenous primary un-metabolised bile acid, stabilized by Eudragit-alginate complex with antioxidant compounds. Saudi Pharmaceutical Journal, 2020, 28, 165-171. | 1.2 | 17 |
| 32 | Precise Manufacturing and Performance Validation of Paper-Based Passive Microfluidic Micromixers. International Journal of Precision Engineering and Manufacturing, 2020, 21, 499-508. | 1.1 | 11 |
| 33 | Energy-Efficient Asynchronous QoS MAC Protocol for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-13. | 0.8 | 14 |
| 34 | Comparison of performances of flexible sensors on foil and paper for efficient bacterial concentration measurement. Sensor Review, 2020, 40, 1-7. | 1.0 | 4 |
| 35 | Comprehensive characterization of elastomeric polyhydroxyalkanoate and its sensor applications. Materials Science and Engineering C, 2020, 115, 111091. | 3.8 | 3 |
| 36 | Performances and Biosensing Mechanisms of Interdigitated Capacitive Sensors Based on the Hetero-mixture of SnO2 and In2O3. Sensors, 2020, 20, 6323. | 2.1 | 2 |

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| 37 | A Textile-Based Microfluidic Platform for the Detection of Cytostatic Drug Concentration in Sweat Samples. Applied Sciences (Switzerland), 2020, 10, 4392. | 1.3 | 11 |
| 38 | Optimization of hybrid microfluidic chip fabrication methods for biomedical application. Microfluidics and Nanofluidics, 2020, 24, 1. | 1.0 | 10 |
| 39 | Pharmacological and Advanced Cell Respiration Effects, Enhanced by Toxic Human-Bile Nano-Pharmaceuticals of Probucol Cell-Targeting Formulations. Pharmaceutics, 2020, 12, 708. | 2.0 | 25 |
| 40 | Impedance Spectroscopic Analysis of the Interidigitated Flexible Sensor for Bacteria Detection. IEEE Sensors Journal, 2020, 20, 12791-12798. | 2.4 | 12 |
| 41 | Alginate-based drug oral targeting using bio-micro/nano encapsulation technologies. Expert Opinion on Drug Delivery, 2020, 17, 1361-1376. | 2.4 | 31 |
| 42 | Bio Micro-Nano Technologies of Antioxidants Optimised Their Pharmacological and Cellular Effects, ex vivo, inÂPancreatic Î²-Cells . Nanotechnology, Science and Applications, 2020, Volume 13, 1-9. | 4.6 | 13 |
| 43 | Resistive switching and synaptic behavior in zirconium doped thin film metal-oxide-metal devices. , 2020, , . | | 2 |
| 44 | Nanocrystalline Nickel Manganite Synthesis by Sol-Gel Combustion for Flexible Temperature Sensors. , 2020, , . | | 3 |
| 45 | Pharmacological effects of secondary bile acid microparticles in diabetic murine model. Current Diabetes Reviews, 2020, 16, . | 0.6 | 9 |
| 46 | DDECS 2020 Foreword. , 2020, , . | | 0 |
| 47 | Mechanical properties of edible biofilm as a substrate for printed electronics. Applied Physics A: Materials Science and Processing, 2019, 125, 1. | 1.1 | 5 |
| 48 | Primary Teeth Bite Marks Analysis on Various Materials: A Possible Tool in Children Health Risk Analysis and Safety Assessment. International Journal of Environmental Research and Public Health, 2019, 16, 2434. | 1.2 | 4 |
| 49 | Comparison of Performances of Flexible Tailor-Made Force Sensing Resistors Fabricated Using Inkjet and Xurographic Techniques. Journal of Sensors, 2019, 2019, 1-8. | 0.6 | 0 |
| 50 | Determination of pH in Powdered Concrete Samples or in Suspension. Applied Sciences (Switzerland), 2019, 9, 3257. | 1.3 | 6 |
| 51 | Microfluidics-Based Four Fundamental Electronic Circuit Elements Resistor, Inductor, Capacitor and Memristor. Electronics (Switzerland), 2019, 8, 960. | 1.8 | 7 |
| 52 | Bile acid-polymer-probucol microparticles: protective effect on pancreatic Î²-cells and decrease in type 1 diabetes development in a murine model. Pharmaceutical Development and Technology, 2019, 24, 1272-1277. | 1.1 | 11 |
| 53 | A pattern of metatarsal bovine bone surface alterations produced by human permanent teeth - An experimental approach. Journal of Archaeological Science: Reports, 2019, 27, 101961. | 0.2 | 2 |
| 54 | Flexible sensors platform for determination of cadmium concentration in soil samples. Computers and Electronics in Agriculture, 2019, 166, 105001. | 3.7 | 14 |

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| 55 | Flexible sensors based on two conductive electrodes and MWCNTs coating for efficient pH value measurement. Journal of Alloys and Compounds, 2019, 794, 76-83. | 2.8 | 5 |
| 56 | Comparative Analysis of Deformation Determination by Applying Fiber-optic 2D Deflection Sensors and Geodetic Measurements. Sensors, 2019, 19, 844. | 2.1 | 9 |
| 57 | Stability and biological testing of taurine-conjugated bile acid antioxidant microcapsules for diabetes treatment. Therapeutic Delivery, 2019, 10, 99-106. | 1.2 | 19 |
| 58 | Novel Cost-Effective Microfluidic Chip Based on Hybrid Fabrication and Its Comprehensive Characterization. Sensors, 2019, 19, 1719. | 2.1 | 23 |
| 59 | International Symposium on Design and Diagnostics of Electronic Circuits and Systems. , 2019, , . | | 0 |
| 60 | Characterization of glass ionomer cements stored in various solutions. Materiali in Tehnologije, 2019, 53, 285-293. | 0.3 | 6 |
| 61 | Testing and Characterization of Different Papers as Substrate Material for Printed Electronics and Application in Humidity Sensor. Sensors and Materials, 2019, 31, 2981. | 0.3 | 11 |
| 62 | Influence of the Main Filter on QRS-amplitude and Duration in Human Electrocardiogram. Measurement Science Review, 2019, 19, 29-34. | 0.6 | 3 |
| 63 | Evaluation of Sealant Penetration in Relation to Fissure Morphology, Enamel Surface Preparation Protocol and Sealing Material. Oral Health & Preventive Dentistry, 2019, 17, 349-355. | 0.3 | 5 |
| 64 | Photoresistive switching of multiferroic thin film memristors. Microelectronic Engineering, 2018, 187-188, 139-143. | 1.1 | 9 |
| 65 | Cost-effective microfluidic device for detection of psychoactive substances. , 2018, , . | | 0 |
| 66 | EudragitÂ®-based microcapsules of probucol with a gut-bacterial processed secondary bile acid. Therapeutic Delivery, 2018, 9, 811-821. | 1.2 | 21 |
| 67 | Design and Testing of Microfluidic Micromixer Fabricated Using Xurographic Technique. , 2018, , . | | 1 |
| 68 | Novel nano-encapsulation of probucol in microgels: scanning electron micrograph characterizations, buoyancy profiling, and antioxidant assay analyses. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 741-747. | 1.9 | 22 |
| 69 | Metal oxide structure, crystal chemistry, and magnetic properties. , 2018, , 313-332. | | 4 |
| 70 | Performance Analysis of Flexible Ink-Jet Printed Humidity Sensors Based on Graphene Oxide. IEEE Sensors Journal, 2018, 18, 4378-4383. | 2.4 | 29 |
| 71 | Temperature Performance of Meander-Type Inductor in Silicon Technology. , 2018, , . | | 0 |
| 72 | Characterization of customized ferrite cores for a compact six-phase coupled inductor. International Journal of Applied Electromagnetics and Mechanics, 2018, 57, 19-27. | 0.3 | 0 |

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| 73 | Cost-effective sensors and sensor nodes for monitoring environmental parameters. Facta Universitatis - Series Electronics and Energetics, 2018, 31, 11-23. | 0.6 | 4 |
| 74 | Characterization of LC sensor structures realized by PCB and LTCC technology for determining moisture in building materials. Processing and Application of Ceramics, 2018, 12, 13-20. | 0.4 | 1 |
| 75 | Conduction Mechanisms in Multiferroic Multilayer BaTiO3/NiFe2O4/BaTiO3 Memristors. Journal of Electronic Materials, 2017, 46, 5492-5496. | 1.0 | 11 |
| 76 | A novel approach for parameter estimation of Fricke-Morse model using Differential Impedance Analysis. IFMBE Proceedings, 2017, , 487-494. | 0.2 | 3 |
| 77 | Inductive Displacement Sensor of Novel Design Printed on Polyimide Foil. IEEE Transactions on Magnetics, 2017, 53, 1-5. | 1.2 | 13 |
| 78 | TiO<sub>2</sub>-Based Thick Film pH Sensor. IEEE Sensors Journal, 2017, 17, 248-255. | 2.4 | 53 |
| 79 | PCB sensor for bacteria detection in saline. , 2017, , . | | 0 |
| 80 | Determination of electrical parameters of dried blood spot samples with different concentration of methotrexate. , 2017, , . | | 1 |
| 81 | Compact electronic system for complex impedance measurement and its experimental verification. , 2017, , . | | 4 |
| 82 | Multi-sensor system for remote environmental (air and water) quality monitoring. , 2016, , . | | 21 |
| 83 | Performance analysis of meander-type inductor in silicon and flexible technology. Microelectronics Journal, 2016, 56, 57-64. | 1.1 | 6 |
| 84 | Sensors and other electronic components on flexible substrates: From materials to applications. , 2016, , . | | 0 |
| 85 | Performance analysis of resistive switching devices based on BaTiO<sub>3</sub>thin films. IOP Conference Series: Materials Science and Engineering, 2016, 108, 012046. | 0.3 | 2 |
| 86 | Nanoindentation study of nickel manganite ceramics obtained by a complex polymerization method. Ceramics International, 2016, 42, 12276-12282. | 2.3 | 2 |
| 87 | Impedancemetric NO sensor based on YSZ/perovskite neodymium cobaltite operating at high temperatures. Sensors and Actuators B: Chemical, 2016, 228, 612-624. | 4.0 | 17 |
| 88 | Inkjet patterning of in situ solâ€“gel derived barium titanate thin films. Ceramics International, 2016, 42, 1840-1846. | 2.3 | 13 |
| 89 | A Novel Non-Iterative Method for Real-Time Parameter Estimation of the Fricke-Morse Model. Advances in Electrical and Computer Engineering, 2016, 16, 57-62. | 0.5 | 5 |
| 90 | An Ink-Jet Printed Capacitive Sensor for Angular Position/Velocity Measurements. Advances in Electrical and Computer Engineering, 2016, 16, 77-82. | 0.5 | 3 |

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| 91 | The effect of herbal extract Foeniculum vulgare Mill. solution on the mechanical and wetting properties of heat polymerized denture base resin. Acta Stomatologica Naissi, 2016, 32, 1623-1634. | 0.2 | 0 |
| 92 | Comparison of barium titanate thin films prepared by inkjet printing and spin coating. Processing and Application of Ceramics, 2015, 9, 151-156. | 0.4 | 6 |
| 93 | Design and Analysis of Planar Symmetric Six-Phase Coupled Inductors. IEEE Transactions on Magnetics, 2015, 51, 1-8. | 1.2 | 9 |
| 94 | Sensing mechanism of RuO2â€“SnO2 thick film pH sensors studied by potentiometric method and electrochemical impedance spectroscopy. Journal of Electroanalytical Chemistry, 2015, 759, 82-90. | 1.9 | 51 |
| 95 | Investigation on band gap energy and effect of various surface plasma treatments on nano structured SnO2 semiconductor. , 2015, , . | | 1 |
| 96 | A Wireless LC Sensor Coated with Ba0.9Bi0.066TiO3 for Measuring Temperature. Sensors, 2015, 15, 11454-11464. | 2.1 | 10 |
| 97 | Analysis of Quantized Electrical Characteristics of Microscale TiO<sub>2</sub> Ink-Jet Printed Memristor. IEEE Transactions on Electron Devices, 2015, 62, 1898-1904. | 1.6 | 10 |
| 98 | Characterization of ferrite materials used as a core for multi-phase coupled inductors. , 2014, , . | | 1 |
| 99 | MÃ¶ssbauer Spectra and Crystallite Size Related Magnetic/Electric Properties of Yb Substituted Zn-Ferrite Nanoparticles. Nanoscience and Nanotechnology Letters, 2014, 6, 314-318. | 0.4 | 0 |
| 100 | A capacitive angular sensor with flexible digitated electrodes. Sensor Review, 2014, 34, 382-388. | 1.0 | 12 |
| 101 | Combining rapid prototyping techniques in mechanical engineering and electronics for realization of a variable capacitor. Rapid Prototyping Journal, 2014, 20, 115-120. | 1.6 | 7 |
| 102 | A Compact Planar Transformer With an Improved Winding Configuration. IEEE Transactions on Magnetics, 2014, 50, 1-4. | 1.2 | 14 |
| 103 | Temperature induced evolution of structure/microstructure parameters and their correlations with electric/magnetic properties of nanocrystalline Nickel ferrite. Ceramics International, 2014, 40, 4521-4527. | 2.3 | 6 |
| 104 | Dielectric studies of barium bismuth titanate as a material for application in temperature sensors. Journal of Materials Science: Materials in Electronics, 2013, 24, 1243-1249. | 1.1 | 7 |
| 105 | Properties of surface dielectric barrier discharge plasma generator for fabrication of nanomaterials. Journal of Electrostatics, 2013, 71, 1068-1075. | 1.0 | 28 |
| 106 | An Organic Electronics Laboratory Course for Graduate Students in Electrical Engineering. IEEE Transactions on Education, 2013, 56, 280-286. | 2.0 | 3 |
| 107 | Analysis of the Coupling Effect in Different Meander-Type Winding Planar Transformers. IEEE Transactions on Magnetics, 2013, 49, 3993-3996. | 1.2 | 8 |
| 108 | Transport Parameters of Inkjet Printed Nanoparticle Silver on Polyimide Substrate Measured at Room and Liquid Nitrogen Temperatures. IEEE Transactions on Electron Devices, 2013, 60, 2963-2967. | 1.6 | 8 |

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| 109 | Electrical characterization of nickel manganite powders in high-frequency range. Journal of Alloys and Compounds, 2013, 554, 264-270. | 2.8 | 5 |
| 110 | An Ink-Jet Printed Eddy Current Position Sensor. Sensors, 2013, 13, 5205-5219. | 2.1 | 29 |
| 111 | Thermal Evolution of Cation Distribution/Crystallite Size and Their Correlation with the Magnetic State of Yb-Substituted Zinc Ferrite Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 12358-12365. | 1.5 | 27 |
| 112 | Optimization and Modeling of Ink-Jet Printed Flexible Position Sensor. Key Engineering Materials, 2013, 543, 306-309. | 0.4 | 1 |
| 113 | Parallel computing applied to inductance calculation for flexible inductors. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 1067-1081. | 0.5 | 0 |
| 114 | Novel Solution for Flexible Inductive Position Sensor. Sensor Letters, 2013, 11, 1881-1886. | 0.4 | 0 |
| 115 | A Compact Inductive Position Sensor Made by Inkjet Printing Technology on a Flexible Substrate. Sensors, 2012, 12, 1288-1298. | 2.1 | 25 |
| 116 | Design and fabrication of flexible ink-jet printed resonant-circuit sensor. , 2012, , . | | 0 |
| 117 | Design, Modeling, and Analysis of a Compact Planar Transformer. IEEE Transactions on Magnetics, 2012, 48, 4135-4138. | 1.2 | 38 |
| 118 | Synthesis of metal nanoparticles using one atmosphere pressure glow plasma. , 2012, , . | | 1 |
| 119 | Hardware realization of heart electrostimulator. , 2012, , . | | 0 |
| 120 | Flexible Sierpinski Carpet Fractal Antenna on a Hilbert Slot Patterned Ground. International Journal of Antennas and Propagation, 2012, 2012, 1-7. | 0.7 | 18 |
| 121 | Measurements of the Hall Effect on Cu-As-Se-I Amorphous Thin Films. E-Journal of Surface Science and Nanotechnology, 2012, 10, 535-537. | 0.1 | 0 |
| 122 | Application of a LTCC sensor for measuring moisture content of building materials. Construction and Building Materials, 2012, 26, 327-333. | 3.2 | 23 |
| 123 | Modeling and Design of Passive Components for Flexible Electronics. Electronics, 2012, 16, . | 0.2 | 4 |
| 124 | Computer as a tool for controlling measurement of water content in building materials. , 2011, , . | | 1 |
| 125 | An innovative laboratory course of organic electronics. , 2011, , . | | 0 |
| 126 | Electrical and temperature characterization of NiZn ferrites. International Journal of Applied Electromagnetics and Mechanics, 2011, 35, 165-176. | 0.3 | 5 |

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| 127 | Electrical and structural characterisation of nanostructured titania coatings deposited on interdigitated electrode system. Materials Chemistry and Physics, 2011, 130, 769-774. | 2.0 | 1 |
| 128 | Microstructural and electrical changes in nickel manganite powder induced by mechanical activation. Materials Research Bulletin, 2011, 46, 1065-1071. | 2.7 | 13 |
| 129 | Influence of Conductive Layer Geometry on Maximal Impedance Frequency Shift of Zig-Zag Ferrite EMI Suppressor. IEEE Transactions on Magnetics, 2010, 46, 1303-1306. | 1.2 | 2 |
| 130 | MODELING AND CHARACTERIZATION OF FREQUENCY AND TEMPERATURE VARIATION OF COMPLEX PERMEABILITY OF FERRITE LTCC MATERIAL. Progress in Electromagnetics Research B, 2010, 23, 131-146. | 0.7 | 14 |
| 131 | Development of an MP3 Player Using an MP3 Hardware Decoder. International Journal of Electrical Engineering and Education, 2010, 47, 329-342. | 0.4 | 2 |
| 132 | Micro force sensor fabricated in the LTCC technology. , 2010, , . | | 11 |
| 133 | Performance analysis of LTCC transformers for application in DC/DC converters. , 2010, , . | | 3 |
| 134 | Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor. Sensors, 2010, 10, 4270-4280. | 2.1 | 43 |
| 135 | ACTIN FILAMENTS AS NONLINEAR RLC TRANSMISSION LINES. International Journal of Modern Physics B, 2009, 23, 4697-4711. | 1.0 | 17 |
| 136 | An Educational Software Tool for Design of Ferrite EMI Suppressors. International Journal of Electrical Engineering and Education, 2009, 46, 225-238. | 0.4 | 1 |
| 137 | Important Role of the Hall Effect Measurement System in a Modified Course of Materials in Electrical Engineering. IEEE Transactions on Education, 2009, 52, 297-304. | 2.0 | 1 |
| 138 | Electrical and transport properties of nickel manganite obtained by Hall effect measurements. Journal of Materials Science: Materials in Electronics, 2009, 20, 242-247. | 1.1 | 6 |
| 139 | A simple approach for modelling and simulation monolithic inductors. , 2009, , . | | 1 |
| 140 | Electrical properties of yttriumâ€doped Zn and Niâ€“Zn ferrites. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2464-2468. | 0.8 | 21 |
| 141 | Temperature dependence of electrical parameters of SMD ferrite components for EMI suppression. Microelectronics Reliability, 2008, 48, 1027-1032. | 0.9 | 3 |
| 142 | Analysis of effects of material and geometrical characteristics on the performance of SMD common mode choke. , 2008, , . | | 7 |
| 143 | Modelling and Characterisation of Fractal Based RF Inductors on Silicon Substrate. , 2008, , . | | 7 |
| 144 | A New Fractal-Based Design of Stacked Integrated Transformers. Active and Passive Electronic Components, 2008, 2008, 1-8. | 0.3 | 10 |

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| 145 | Common Mode Chokes for EMI Suppression in Telecommunication Systems. , 2007, , . | | 11 |
| 146 | The Fabrication Process of RF Inductor Structures in the LTCC Technology. , 2007, , . | | 1 |
| 147 | Comparison of different structures of ferrite EMI suppressors. Microelectronics International, 2006, 23, 42-48. | 0.4 | 10 |
| 148 | The automated layout design of monolithic inductors and transformers using EXPERT Layout Editor. , 2006, , . | | 0 |
| 149 | Novel efficient methods for inductance calculation of meander inductor. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2006, 25, 916-928. | 0.5 | 19 |
| 150 | Analysis, design, and characterization of ferrite EMI suppressors. IEEE Transactions on Magnetics, 2006, 42, 270-277. | 1.2 | 39 |
| 151 | Scaling Meander Inductors from Micro to Nano. , 2006, , . | | 2 |
| 152 | High-performance zig-zag and meander inductors embedded in ferrite material. Journal of Magnetism and Magnetic Materials, 2006, 297, 76-83. | 1.0 | 23 |
| 153 | Novel efficient method for inductance calculation of inductors with optimized layout. International Journal of RF and Microwave Computer-Aided Engineering, 2006, 16, 463-469. | 0.8 | 2 |
| 154 | Improved Simulation Model of Novel Varistor + Inductor Integrated Passive Devices. , 2005, , . | | 0 |
| 155 | Compact form of expressions for inductance calculation of meander inductors. Serbian Journal of Electrical Engineering, 2004, 1, 57-68. | 0.2 | 30 |
| 156 | Characterization of Novel Varistor<tex>$+$</tex>Inductor Integrated Passive Devices. IEEE Electron Device Letters, 2004, 25, 778-780. | 2.2 | 6 |
| 157 | Determination of quality factor dependence on temperature and impurity concentration in monolithic spiral inductor. , 0, , . | | 2 |
| 158 | Modeling and Simulation of Ferrite and Varistor EMI Suppressors. , 0, , . | | 0 |
| 159 | Modification of some Optical and Mechanical Properties of Amorphous As-S-Se Thin Films by Copper Introduction. Advanced Materials Research, 0, 856, 267-271. | 0.3 | 0 |