Andjelija Ž Ilić

List of Publications by Year in descending order

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1039880 996849 39 259 9 15 citations g-index h-index papers 40 40 40 218 docs citations times ranked citing authors all docs

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Distinct fatty acid redistribution and textural changes in the brain tissue upon the static magnetic field exposure. Environmental Toxicology and Pharmacology, 2022, 92, 103853. | 2.0 | О |
| 2 | Planar printed electrodes for electroporation with high EM field homogeneity. Journal Physics D: Applied Physics, 2021, 54, 505401. | 1.3 | O |
| 3 | Morphological, fractal, and textural features for the blood cell classification: the case of acute myeloid leukemia. European Biophysics Journal, 2021, 50, 1111-1127. | 1.2 | 6 |
| 4 | Performance Analysis of Low-Cost Printed Antenna Array Elements for 5G LOS-MIMO Arrays at 60ÂGHz. Wireless Personal Communications, 2020, 111, 2641-2658. | 1.8 | 3 |
| 5 | Computational image analysis reveals the structural complexity of Toxoplasma gondii tissue cysts. PLoS ONE, 2020, 15, e0234169. | 1.1 | 2 |
| 6 | Fractal analysis tools for early assessment of liver inflammation induced by chronic consumption of linseed, palm and sunflower oils. Biomedical Signal Processing and Control, 2020, 61, 101959. | 3.5 | 7 |
| 7 | The Fractal and GLCM Textural Parameters of Chromatin May Be Potential Biomarkers of Papillary Thyroid Carcinoma in Hashimoto's Thyroiditis Specimens. Microscopy and Microanalysis, 2020, 26, 717-730. | 0.2 | 12 |
| 8 | Performance assessment for OAM antenna arrays. , 2019, , . | | 3 |
| 9 | Design methodology for graphene tunable filters at the sub-millimeter-wave frequencies. Solid-State Electronics, 2019, 157, 34-41. | 0.8 | 2 |
| 10 | Tuning the Filter Responses with Graphene Based Resonators. , 2019, , . | | 1 |
| 11 | Miniaturized quadrature hybrid couplers based on novel Uâ€shaped transmission lines. Microwave and Optical Technology Letters, 2019, 61, 509-512. | 0.9 | 1 |
| 12 | Design and Optimization of Electromagnets for Biomedical Experiments With Static Magnetic and ELF Electromagnetic Fields. IEEE Transactions on Industrial Electronics, 2018, 65, 4991-5000. | 5,2 | 17 |
| 13 | Orbital Angular Momentum Beam MIMO Arrays. , 2018, , . | | O |
| 14 | Design of a Combined Function Magnet With Individually Adjustable Functions. IEEE Transactions on Nuclear Science, 2017, 64, 1109-1117. | 1.2 | 0 |
| 15 | Graphene-based waveguide resonators for submillimeter-wave applications. Journal Physics D: Applied Physics, 2016, 49, 325105. | 1.3 | 5 |
| 16 | Subchronic exposure to static magnetic field differently affects zinc and copper content in murine organs. International Journal of Radiation Biology, 2016, 92, 140-147. | 1.0 | 18 |
| 17 | Homogeneous static magnetic field of different orientation induces biological changes in subacutely exposed mice. Environmental Science and Pollution Research, 2016, 23, 1584-1597. | 2.7 | 29 |
| 18 | Electromagnetic analysis of graphene based tunable waveguide resonators. Microwave and Optical Technology Letters, 2014, 56, 2385-2388. | 0.9 | 3 |

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|----|---|-----|-----------|
| 19 | Role and Significance of Uniform Distribution in a Study of Ensemble of Particles. IEEE Transactions on Nuclear Science, 2013, 60, 236-245. | 1.2 | 2 |
| 20 | Ion Beam Acceleration With Radio Frequency Powered Rainbow Lens. IEEE Transactions on Nuclear Science, 2013, 60, 1272-1279. | 1.2 | 2 |
| 21 | Importance of Accurate Static Equilibrium Orbit Calculation in Cyclotron Design. IEEE Transactions on Nuclear Science, 2013, 60, 4627-4633. | 1.2 | 0 |
| 22 | Magnet with Uncoupled Combined Functions. IEEE Transactions on Nuclear Science, 2013, 60, 4618-4626. | 1.2 | 2 |
| 23 | Analytical Description of Two-Dimensional Magnetic Arrays Suitable for Biomedical Applications. IEEE Transactions on Magnetics, 2013, 49, 5656-5663. | 1.2 | 6 |
| 24 | Convergence of the higher order frequency-domain FEM solution to scattering from a moving dielectric slab. , 2013 , , . | | 0 |
| 25 | Optimization of Equally Charged Quadrupole Parameters. IEEE Transactions on Nuclear Science, 2013, 60, 2161-2169. | 1.2 | 1 |
| 26 | Higher-Order Frequency-Domain FEM Analysis of EM Scattering Off a Moving Dielectric Slab. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 890-893. | 2.4 | 5 |
| 27 | Hematological parameters' changes in mice subchronically exposed to static magnetic fields of different orientations. Ecotoxicology and Environmental Safety, 2012, 81, 98-105. | 2.9 | 32 |
| 28 | Minimization of the measurement errors induced by the cyclotron magnetic field measurement system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 679, 54-60. | 0.7 | 2 |
| 29 | Constant Speed Parametrization Mapping of Curved Boundary Surfaces in Higher-Order Moment-Method Electromagnetic Modeling. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1457-1460. | 2.4 | 2 |
| 30 | Method for Fine Magnet Shaping in Cyclotrons. IEEE Transactions on Nuclear Science, 2009, 56, 2821-2827. | 1.2 | 10 |
| 31 | Continuously Inhomogeneous Higher Order Finite Elements for 3-D Electromagnetic Analysis. IEEE Transactions on Antennas and Propagation, 2009, 57, 2798-2803. | 3.1 | 19 |
| 32 | Optimal Acceleration in Isochronous Straight Sector Cyclotrons. IEEE Transactions on Nuclear Science, 2009, 56, 1498-1506. | 1.2 | 5 |
| 33 | Higher Order Hybrid FEM-MoM Technique for Analysis of Antennas and Scatterers. IEEE Transactions on Antennas and Propagation, 2009, 57, 1452-1460. | 3.1 | 44 |
| 34 | Comparative Analysis of Methods for Isochronous Magnetic-Field Calculation. IEEE Transactions on Nuclear Science, 2008, 55, 3531-3538. | 1.2 | 10 |
| 35 | Comparison of higher order fem and MOM/SIE approaches in analyses of closed- and open-region electromagnetic problems. Facta Universitatis - Series Electronics and Energetics, 2008, 21, 209-220. | 0.6 | 0 |
| 36 | Preliminary results of ion trajectory tracking in the acceleration region of the VINCY cyclotron. Nuclear Technology and Radiation Protection, 2006, 21, 29-33. | 0.3 | 6 |

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| 37 | Preliminary results of the ion trajectory tracking in the acceleration region of the VINCY Cyclotron. Journal of Automatic Control, 2006, 16, 5-8. | 1.0 | O |
| 38 | Circuit-based versus full-wave modelling of active microwave circuits. International Journal of Electronics, 0 , 1 - 10 . | 0.9 | 1 |
| 39 | EVALUATION OF SMF EXPOSURE FIELD LEVELS AND GRADIENTS OBTAINABLE USING THE 2D MAGNETIC ARRAYS. RAD Association Journal, 0, , . | 0.0 | O |