

Andjelija Å½ IliÄ

List of Publications by Year in descending order

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39
papers

259
citations

1039880

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996849

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g-index

40
all docs

40
docs citations

40
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
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

#	ARTICLE	IF	CITATIONS
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	0
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	0