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Total number of publications: 18

Total number of independent ISI citations: 50

Hirsch index: 3 (Web of Science)

4 (Scopus)

5 (Google Scholar)

Articles (ISI):

No.	Title/Authors/Publication	Cited	Year
1.	<i>Effect of microwave irradiation on polyphenolic compounds from Satureja hortensis L.</i> I Lung, M Soran, C Tudoran , C Măruțoiu Open Chemistry 11 (4), 535-541	10	2013
2.	<i>Simplified portable 4 MHz RF plasma demonstration unit</i> CD Tudoran Journal of Physics: Conference Series 182 (1), 012034	7	2009
3.	<i>Photothermoelectric (PTE) detection of phase transitions. Application to triglycinesulphate (TGS)</i> D Dadarlat, C Tudoran , V Surducan, C Bourgès, P Lemoine, E Guilmeau Thermochimica acta 624, 21-26	5	2016
4.	<i>Distribution of current in the electrodes of lead-acid batteries: a thermographic analysis approach</i> M Streza, C Nuț, C Tudoran , V Bunea, A Calborean, C Morari Journal of Physics D: Applied Physics 49 (5), 055503	5	2016
5.	<i>A study of 1.74 MHz atmospheric pressure dielectric barrier discharge for non-conventional treatments</i> A Simon, OE Dinu, MA Papiu, CD Tudoran , J Papp, SD Anghel Journal of Electrostatics 70 (3), 235-240	5	2012
6.	<i>Photothermoelectric (PTE) versus photopyroelectric (PPE) detection of phase transitions</i> D Dadarlat, E Guilmeau, AH Sahraoui, C Tudoran , V Surducan, C Bourgès, P Lemoine International Journal of Thermophysics 37 (5), 53	4	2016
7.	<i>Alternative calorimetry based on the photothermoelectric (PTE) effect: application to magnetic nanofluids</i> D Dadarlat, PRN Misse, A Maignan, E Guilmeau, R Turcu, L Vekas, C. Tudoran , M. Depriester, A. H. Sahraoui International Journal of Thermophysics 36 (9), 2441-2451	4	2015
8.	<i>Near-field effect of the microwaves power applicators investigated for liquid processing applications</i> E Surducan, V Surducan, C Neamtu, CD Tudoran 2010 IEEE International Conference on Automation, Quality and Testing Robotics (AQTR)	4	2010
9.	<i>High frequency inverter based atmospheric pressure plasma treatment system</i>	3	2012

No.	Title/Authors/Publication	Cited	Year
	CD Tudoran , V Surducan, A Simon, AM Papiu, OE Dinu, SD Anghel Rom. J. Phys 57, 1382-1391		
10.	<i>Ageing behavior of He DBD treated glass surface</i> A Simon, OE Dinu, MA Papiu, CD Tudoran , SD Anghel Rom. Jour. Phys 57, 1367-1374	2	2012
11.	<i>Smart metering application for power efficiency studies</i> C Tudoran , S Albert, DN Dadarlat, C Tripon, SD Anghel International Journal of Engineering & Technology 4 (1), 78	1	2015
12.	<i>Adhesivity improving of PET by treatment in low pressure plasmas generated at 40 KHz and 1 MHz. Comparative study</i> IE Vlad, C D Tudoran , SD Anghel Romanian Reports in Physics 68 (1), 305-315		2016
13.	<i>High performance protection circuit for power electronics applications</i> CD Tudoran , DN Dădârlat, N Toşa, I Mişan AIP Conference Proceedings 1700 (1), 050007		2015
14.	<i>Power consumption monitoring using additional monitoring device</i> MRC Truşcă, Ş Albert, C Tudoran , ML Soran, F Fărcaş, M Abrudean AIP Conference Proceedings 1565 (1), 185-187		2013
15.	<i>Improving mechanical properties of polyethylene orthopaedic implants by high frequency cold plasma surface activation</i> CD Tudoran , IE Vlad, DN Dadarlat, SD Anghel AIP Conference Proceedings 1565 (1), 188-192		2013
16.	<i>DFT investigation on the electronic structure of Faujasite</i> H Popeneciu, A Calborean, C Tudoran , L Buimaga-Iarinca AIP Conference Proceedings 1565 (1), 67-70		2013
17.	<i>High frequency atmospheric cold plasma treatment system for materials surface processing</i> CD Tudoran , V Surducan, SD Anghel AIP Conference Proceedings 1425 (1), 106-109		2012
18.	<i>High frequency portable plasma generator unit for surface treatment experiments</i> CD Tudoran Romanian Journal of Physics 56, 103-108		2011