

## Times Cited <sup>1</sup>

### Polytechnic University of Timisoara ISI Papers TOP 20

Date: 21.10.2021

1.	Boldea, I., Tutelea, L.N., Parsa, L., Dorrell, D. Automotive Electric Propulsion Systems With Reduced or No Permanent Magnets: An Overview, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Volume: 61, Issue: 10, Pages: 5696-5711, ISSN: 0278-0046, eISSN: 1557-9948, 2014;	Times Cited in Web of Science Core Collection: 418	 Highly Cited Paper	3
2.	Precup, R.E., Hellendoorn, H. A survey on industrial applications of fuzzy control, COMPUTERS IN INDUSTRY, Volume: 62, Issue: 3, Pages: 213-226, ISSN: 0166-3615, eISSN: 1872-6194, 2011;	Times Cited in Web of Science Core Collection: 331	 Highly Cited Paper	4
3.	Sarbu, I., Sebarchievici, C. General review of ground-source heat pump systems for heating and cooling of buildings, ENERGY AND BUILDINGS, Volume: 70, Pages: 441-454, ISSN: 0378-7788, eISSN: 1872-6178, 2014;	Times Cited in Web of Science Core Collection: 288	 Highly Cited Paper	5
4.	Marinca, V., Herisanu, N. Application of Optimal Homotopy Asymptotic Method for solving nonlinear equations arising in heat transfer, INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, Volume: 35, Issue: 6, Pages: 710-715, ISSN: 0735-1933, 2008;	Times Cited in Web of Science Core Collection: 267		
5.	Marinescu, R. Detection strategies: Metrics-based rules for detecting design flaws, 20TH IEEE INTERNATIONAL CONFERENCE ON SOFTWARE MAINTENANCE, PROCEEDINGS, Book Series: PROCEEDINGS - IEEE INTERNATIONAL CONFERENCE ON SOFTWARE MAINTENANCE, Pages: 350-359, 20th IEEE International Conference on Software Maintenance (ICSM 2004), SEP 11-14, 2004, Chicago, IL, ISSN: 1063-6773, ISBN: 0-7695-2213-0, Published: 2004;	Times Cited in Web of Science Core Collection: 264		
6.	Murvay, P.S., Silea, I. A survey on gas leak detection and localization techniques, JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES, Volume: 25, Issue: 6, Pages: 966-973, ISSN: 0950-4230, 2012;	Times Cited in Web of Science Core Collection: 250		
7.	Gheju, M. Hexavalent Chromium Reduction with Zero-Valent Iron (ZVI) in Aquatic Systems, WATER AIR AND SOIL POLLUTION, Volume: 222, Issue: 1-4, Pages: 103-148, ISSN: 0049-6979, 2011;	Times Cited in Web of Science Core Collection: 243		
8.	Lascu, C., Asiminoaei, L., Boldea, I., Blaabjerg, F. Frequency Response Analysis of Current Controllers for Selective Harmonic Compensation in Active Power Filters, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Volume: 56, Issue: 2, Pages: 337-347, ISSN: 0278-0046, 2009;	Times Cited in Web of Science Core Collection: 233		
9.	Sarbu, I., Sebarchievici, C. A Comprehensive Review of Thermal Energy Storage, SUSTAINABILITY, Volume: 10, Issue: 1, Article Number: 191, ISSN: 2071-1050, Published: 2018;	Times Cited in Web of Science Core Collection: 220	 Highly Cited Paper	6
10.	Deodhar, R.P., Andersson, S., Boldea, I., Miller, T.J.E. The flux-reversal machine: A new brushless doubly-salient permanent-magnet machine, IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, Volume: 33, Issue: 4, Pages: 925-934, 32nd Annual Meeting of the IEEE Industry-Applications-Society, OCT 05-09, 1997, NEW ORLEANS, LA, ISSN: 0093-9994, Published: 1997;	Times Cited in Web of Science Core Collection: 219		
11.	Marinca, V., Herisanu, N., Bota, C., Marinca, B. An optimal homotopy asymptotic method applied to the steady flow of a fourth-grade fluid past a porous plate, APPLIED MATHEMATICS LETTERS, Volume: 22, Issue: 2, Pages: 245-251, ISSN: 0893-9659, 2009;	Times Cited in Web of Science Core Collection: 206		
12.	Cadariu, L., Radu, V. Fixed point methods for the generalized stability of functional equations in a single variable, FIXED POINT THEORY AND APPLICATIONS, Article Number: 749392, ISSN: 1687-1820, 2008;	Times Cited in Web of Science Core Collection: 203		
13.	Boldea, I., Paicu, M.C., Andreescu, G.D. Active Flux Concept for Motion-Sensorless Unified AC Drives, IEEE TRANSACTIONS ON POWER ELECTRONICS, Volume: 23, Issue: 5, Pages: 2612-2618, ISSN: 0885-8993, 2008;	Times Cited in Web of Science Core Collection: 196		
14.	Scott, E., Peter, F., Sanders, J. Biomass in the manufacture of industrial products - the use of proteins and amino acids, APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, Volume: 75, Issue: 4, Pages: 751-762, PubMed ID: 17387469, ISSN: 0175-7598, 2007;	Times Cited in Web of Science Core Collection: 186		
15.	Gheju, M., Balcu, I. Removal of chromium from Cr(VI) polluted wastewaters by reduction with scrap iron and subsequent precipitation of resulted cations, JOURNAL OF HAZARDOUS MATERIALS, Volume: 196, Pages: 131-138, PubMed ID: 21955659, ISSN: 0304-3894, 2011;	Times Cited in Web of Science Core Collection: 184	 Highly Cited Paper	7
16.	Caizer, C., Stefanescu, M. Magnetic characterization of nanocrystalline Ni-Zn ferrite powder prepared by the glyoxylate precursor method, JOURNAL OF PHYSICS D-APPLIED PHYSICS, Volume: 35, Issue: 23, Pages: 3035-3040, Article Number: PII S0022-3727(02)37652-6, ISSN: 0022-3727, 2002;	Times Cited in Web of Science Core Collection: 182		
17.	Ancuti, C.O., Ancuti, C., De Vleeschouwer, C., Bekaert, P. Color Balance and Fusion for Underwater Image Enhancement, IEEE TRANSACTIONS ON IMAGE PROCESSING, Volume: 27, Issue: 1, Pages: 379-393, PubMed ID: 28981416, ISSN: 1057-7149, eISSN: 1941-0042, 2018;	Times Cited in Web of Science Core Collection: 180	 Highly Cited Paper	8
18.	Marinca, V., Herisanu, N., Nemes, I. Optimal homotopy asymptotic method with application to thin film flow, CENTRAL EUROPEAN JOURNAL OF PHYSICS, Volume: 6, Issue: 3, Pages: 648-653, ISSN: 1895-1082, 2008;	Times Cited in Web of Science Core Collection: 175		
19.	Rajak, D.K., Pagar, D.D., Menezes, P.L., Linul, E. Fiber-Reinforced Polymer Composites: Manufacturing, Properties, and Applications, POLYMERS, Volume: 11, Issue: 10, Article Number: 1667, PubMed ID: 31614875, eISSN: 2073-4360, 2019;	Times Cited in Web of Science Core Collection: 170	 Hot Paper  Highly Cited Paper	2 9
20.	Lelea, D., Nishio, S., Takano, K. The experimental research on microtube heat transfer and fluid flow of distilled water, INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, Volume: 47, Issue: 12-13, Pages: 2817-2830, ISSN: 0017-9310, 2004.	Times Cited in Web of Science Core Collection: 170		

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