Times Cited [1]

Polytechnic University of Timisoara ISI Papers TOP 20

Date: 08.11.2022

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: 490 🏆 Highly Cited Paper [2]
2.	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: 384 🏆 Highly Cited Paper [3]
3.	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: 374 🏆 Highly Cited Paper [4]
4.	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: 359
5.	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: 334 🏆 Highly Cited Paper [5]
6.	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: 316 🏆 Highly Cited Paper [6]
7.	Marinescu, R. Detection startegies: 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: 298
8.	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: 290
9.	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: 288
10.	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: 268
11.	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: 248
12.	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: 237
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: 235
14.	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: 219
15.	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: 213
16.	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: 207
17.	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: 206
18.	Precup, R.E., David, R.C., Petriu, E.M. Grey Wolf Optimizer Algorithm-Based Tuning of Fuzzy Control Systems With Reduced Parametric Sensitivity, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, Volume: 64, Issue: 1, Pages: 527-534, ISSN: 0278-0046, eISSN: 1557-9948, 2017;	Times Cited in Web of Science Core Collection: 190 🏆 Highly Cited Paper [7]
19.	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: 189
20.	Ancuti, C.O., Ancuti, C., Timofte, R., De Vleeschouwer, C. O-HAZE: a dehazing benchmark with real hazy and haze-free outdoor images, PROCEEDINGS 2018 IEEE/CVF CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPRW), Book Series: IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops, Pages: 867-875, IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), JUN 18-22, 2018, Salt Lake City, UT, ISSN: 2160-7508, ISBN: 978-1-5386-6100-0, Published: 2018.	Times Cited in Web of Science Core Collection: 186

1. Times Cited: Displays the total number of times a published work was cited by other works.

Highly Cited Paper

Highly Cited Papers lists the top cited papers over the past 10 years in each of 22 scientific fields.

Selected from the most recent 10 years of data, Highly Cited Papers reflect the top 1% of papers by field and publication year. Highly Cited Papers help identify breakthrough research within a research field and are used within Web of Science to identify and refine the most influential research papers.

2. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Engineering** based on a highly cited threshold for the field and publication year.

3. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Environment/Ecology** based on a highly cited threshold for the field and publication year.

4. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Chemistry** based on a highly cited threshold for the field and publication year.

5. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Engineering** based on a highly cited threshold for the field and publication year.

6. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Engineering** based on a highly cited threshold for the field and publication year.

7. As of May/June 2022, this highly cited paper received enough citations to place it in the top 1% of the academic field of **Engineering** based on a highly cited threshold for the field and publication year.