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Polytechnic University of Timisoara ISI Papers TOP 20
Date: 17.10.2024

1.	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: 765	Highly Cited Paper [2]
2.	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: 671	Highly Cited Paper [3]
3.	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: 663	Highly Cited Paper [4]
4.	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: 581	Highly Cited Paper [5]
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: 444	Highly Cited Paper [6]
6.	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: 408	
7.	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: 387	
8.	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: 365	
9.	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: 328	
10.	Albulescu, C.T. COVID-19 and the United States financial markets' volatility, FINANCE RESEARCH LETTERS, Volume: 38, Article Number: 101699, PubMed ID: 32837380, ISSN: 1544-6123, eISSN: 1544-6131, 2021;	Times Cited in Web of Science Core Collection: 313	Highly Cited Paper [7]
11.	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: 313	
12.	Covaci, C., Gontean, A. Piezoelectric Energy Harvesting Solutions: A Review, SENSORS, Volume: 20, Issue: 12, Article Number: 3512, PubMed ID: 32575888, eISSN: 1424-8220, 2020;	Times Cited in Web of Science Core Collection: 310	Highly Cited Paper [8]
13.	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: 297	
14.	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: 285	
15.	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: 262	
16.	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: 254	
17.	Ancuti, C., Ancuti, C.O., De Vleeschouwer, C. D-HAZY: A DATASET TO EVALUATE QUANTITATIVELY DEHAZING ALGORITHMS, 2016 IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP), Book Series: IEEE International Conference on Image Processing ICIP, Pages: 2226-2230, 23rd IEEE International Conference on Image Processing (ICIP), SEP 25-28, 2016, Phoenix, AZ, ISSN: 1522-4880, ISBN: 978-1-4673-9961-6, Published: 2016;	Times Cited in Web of Science Core Collection: 243	
18.	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: 236	
19.	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: 233	
20.	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: 225	

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