Załącznik do protokołu Komisji Best Paper i Open Science z dn. 9 grudnia 2020 roku

lp.	autor	tytuł artykułu	tytuł czasopisma
1.	Ławryńczuk M.| Chaber P.	Fast Analytical Model Predictive Controllers and Their Implementation for STM32 ARM Microcontroller	IEEE Transactions on Industrial Informatics
2.	Pérez-Fernández, R.| De Baets, B.| Gagolewski, M.	A taxonomy of monotonicity properties for the aggregation of multidimensional data	Information Fusion
3.	Arabas, J.| Opara, K.	Population diversity of non-elitist evolutionary algorithms in the exploration phase	IEEE Transactions on Evolutionary Computation
4.	Trafczynski, M.| Markowski, M.| Urbaniec, K.	Energy saving potential of a simple control strategy for heat exchanger network operation under fouling conditions	Renewable and Sustainable Energy Reviews
5.	Prochowicz, D.| Saski, M.| Yadav, P.| Grätzel, M.| Lewiński, J.	Mechanoperovskites for Photovoltaic Applications: Preparation, Characterization, and Device Fabrication	Accounts of Chemical Research
6.	Banach, Ł.| Guńka, P.A.| Zachara, J.| Buchowicz, W.	Half-sandwich Ni(II) complexes [Ni(Cp)(X)(NHC)]: From an underestimated discovery to a new chapter in organonickel chemistry	Coordination Chemistry Reviews
7.	Kaleta, W.| Skorupski, J.	A fuzzy inference approach to analysis of LPV-200 procedures influence on air traffic safety	Transportation Research Part C: Emerging Technologies
8.	Gagolewski, M.| James, S.| Beliakov, G.	Supervised Learning to Aggregate Data With the Sugeno Integral	IEEE Transactions on Fuzzy Systems
9.	Huang, Y.| Bazarnik, P.| Wan, D.| Luo, D.| Pereira, P.H.R.| Lewandowska, M.| Yao, J.| Hayden, B.E.| Langdon, T.G.	The fabrication of graphene-reinforced Al-based nanocomposites using high-pressure torsion	Acta Materialia

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10.	Iwanski, G.	Virtual Torque and Power Control of a Three-Phase Converter Connected to an Unbalanced Grid with Consideration of Converter Current Constraint and Operation Mode	IEEE Transactions on Power Electronics
11.	Lewandowski, A.| Szyplowska, A.| Wilczek, A.| Kafarski, M.| Szerement, J.| Skierucha, W.	One-port vector network analyzer characterization of soil dielectric spectrum	IEEE Transactions on Geoscience and Remote Sensing
12.	Sawulski, J.| Ławryńczuk, M.	Optimization of control strategy for a low fuel consumption vehicle engine	Information Sciences
13.	Beliakov, G.| Gagolewski, M.| James, S.	Aggregation on ordinal scales with the Sugeno integral for biomedical applications	Information Sciences
14.	Zygmuntowicz, J.| Wachowski, M.| Miazga, A.| Konopka, K.| Kaszuwara, W.	Characterization of Al2O3/Ni composites manufactured via CSC technique in magnetic field	Composites Part B: Engineering
15.	Zygmuntowicz, J.| Wachowski, M.| Piotrkiewicz, P.| Miazga, A.| Kaszuwara, W.| Konopka, K.	Investigation on fabrication and property of graded composites obtained via centrifugal casting in the magnetic field	Composites Part B: Engineering
16.	Chludzińska, M.	The effect of front pattern perforation shape on thermal sensations of occupants in personalized ventilation systems	Building and Environment
17.	Sawicki, D.| Wolska, A.	Objective assessment of glare at outdoor workplaces	Building and Environment
18.	Lesiak, P.| Bednarska, K.| Lewandowski, W.| Wójcik, M.| Polakiewicz, S.| Bagiński, M.| Osuch, T.| Markowski, K.| Orzechowski, K.| Makowski, M.| Bolek, J.| Woliński, T.R.	Self-Organized, One-Dimensional Periodic Structures in a Gold Nanoparticle-Doped Nematic Liquid Crystal Composite	ACS Nano
19.	Komorowski, M.| Trzciński, T.	Random Binary Search Trees for approximate nearest neighbour search in binary spaces	Applied Soft Computing Journal

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20.	Szczepanski, R.| Tarczewski, T.| Grzesiak, L.M.	Adaptive state feedback speed controller for PMSM based on Artificial Bee Colony algorithm	Applied Soft Computing Journal
21.	Pietrzak, T.| Justyniak, I.| Kubisiak, M.| Bojarski, E.| Lewiński, J.	An In-Depth Look at the Reactivity of Non-Redox-Metal Alkylperoxides	Angewandte Chemie - International Edition
22.	Lee, D.| Wolska-Pietkiewicz, M.| Badoni, S.| Grala, A.| Lewiński, J.| De Paëpe, G.	Disclosing Interfaces of ZnO Nanocrystals Using Dynamic Nuclear Polarization: Sol-Gel versus Organometallic Approach	Angewandte Chemie - International Edition
23.	Jankowski, P.| Wieczorek, W.| Johansson, P.	Functional ionic liquids: Cationic SEI-formers for lithium batteries	Energy Storage Materials
24.	Muszyński, A.| Marcinowski, P.| Maksymiec, J.| Beskowska, K.| Kalwarczyk, E.| Bogacki, J.	Cosmetic wastewater treatment with combined light/Fe0/H2O2 process coupled with activated sludge	Journal of Hazardous Materials
25.	Markowski, M.| Trzcinski, P.	On-line control of the heat exchanger network under fouling constraints	Energy
26.	Ulejczyk, B.| Nogal, Ł.| Młotek, M.| Krawczyk, K.	Hydrogen production from ethanol using dielectric barrier discharge	Energy
27.	Kajurek, J.| Rusowicz, A.| Grzebielec, A.| Bujalski, W.| Futyma, K.| Rudowicz, Z.	Selection of refrigerants for a modified organic Rankine cycle	Energy
28.	Ławryńczuk, M.| Ocłoń, P.	Model Predictive Control and energy optimisation in residential building with electric underfloor heating system	Energy
29.	Jóźwiak, P.| Hercog, J.| Kiedrzyńska, A.| Badyda, K.	CFD analysis of natural gas substitution with syngas in the industrial furnaces	Energy
30.	Wojcieszek, J.| Jiménez-Lamana, J.| Bierła, K.| Ruzik, L.| Asztemborska, M.| Jarosz, M.| Szpunar, J.	Uptake, translocation, size characterization and localization of cerium oxide nanoparticles in radish (Raphanus sativus L.)	Science of the Total Environment
31.	Klamka, M.| Remer, M.| Bobinski, T.	Beyond laminar regime – Droplet interaction with air boundary layer	International Journal of Heat and Mass Transfer

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32.	Kalinowska, D.| Grabowska-Jadach, I.| Liwinska, M.| Drozd, M.| Pietrzak, M.| Dybko, A.| Brzozka, Z.	Studies on effectiveness of PTT on 3D tumor model under microfluidic conditions using aptamer-modified nanoshells	Biosensors and Bioelectronics
33.	Piestrzyńska, M.| Dominik, M.| Kosiel, K.| Janczuk-Richter, M.| Szot-Karpińska, K.| Brzozowska, E.| Shao, L.| Niedziółka-Jonsson, J.| Bock, W.J.| Śmietana, M.	Ultrasensitive tantalum oxide nano-coated long-period gratings for detection of various biological targets	Biosensors and Bioelectronics
34.	Budny-Godlewski, K.| Justyniak, I.| Leszczyński, M.K.| Lewiński, J.	Mechanochemical and slow-chemistry radical transformations: A case of diorganozinc compounds and TEMPO	Chemical Science
35.	Wiewiórka, M.| Leśniewska, A.| Szmurło, A.| Stępień, K.| Borowiak, M.| Okoniewski, M.| Gambin, T.	SeQuiLa: An elastic, fast and scalable SQL-oriented solution for processing and querying genomic intervals	Bioinformatics
36.	Wiewiórka, M.| Szmurło, A.| Kuśmirek, W.| Gambin, T.	SeQuiLa-cov: A fast and scalable library for depth of coverage calculations	GigaScience
37.	Andrzejczuk, M.| Roguska, A.| Pisarek, M.| Kędzierzawski, P.| Lewandowska, M.	Effect of Pt Deposits on TiO2 Electrocatalytic Activity Highlighted by Electron Tomography	ACS Applied Materials and Interfaces
38.	Lepak-Kuc, S.| Milowska, K.Z.| Boncel, S.| Szybowicz, M.| Dychalska, A.| Jozwik, I.| Koziol, K.K.| Jakubowska, M.| Lekawa-Raus, A.	Highly Conductive Doped Hybrid Carbon Nanotube-Graphene Wires	ACS Applied Materials and Interfaces