

# Seweryn Lipiński

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

135  
citations

1307594

7  
h-index

1281871

11  
g-index

33  
all docs

33  
docs citations

33  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision of tractor operations with soil cultivation implements using manual and automatic steering modes. <i>Biosystems Engineering</i> , 2016, 145, 22-28.	4.3	33
2	The Path Tracking Method as an alternative for tortuosity determination in granular beds. <i>Granular Matter</i> , 2018, 20, 1.	2.2	22
3	Evaluation of regenerative processes in the pig model of intervertebral disc degeneration after transplantation of bone marrow-derived mesenchymal stem cells. <i>Folia Neuropathologica</i> , 2018, 56, 124-132.	1.2	15
4	Verification of CFD tool for simulation of cavitating flows in hydraulic systems. <i>Journal of Hydroinformatics</i> , 2017, 19, 653-665.	2.4	11
5	Utilization of post-production waste from fruit processing for energetic purposes: analysis of Polish potential and case study. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1878-1883.	3.0	10
6	Binarizing water sensitive papers – how to assess the coverage area properly?. <i>Crop Protection</i> , 2020, 127, 104949.	2.1	10
7	Measurement and analysis of the water hammer in ram pump. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2016, 41, 1333-1347.	1.3	7
8	The analysis of the relations between porosity and tortuosity in granular beds. <i>Technical Sciences</i> , 2017, 1, 75-85.	0.3	5
9	The influence of particle size distribution on parameters characterizing the spatial structure of porous beds. <i>Granular Matter</i> , 2019, 21, 1.	2.2	4
10	Migration of human mesenchymal stem cells stimulated with pulsed electric field and the dynamics of the cell surface glycosylation. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 1181-1193.	1.4	3
11	Efficiency of new method of removing the noisy background from the sequence of MRI scans depending on structuring elements used to morphological processing. , 2008, , .		2
12	Brain perfusion imaging with the use of parametric modelling basing on DSC-MRI data. , 2008, , .		2
13	Novel method of lung area extraction in chest perfusion computed tomography. <i>Biomedizinische Technik</i> , 2013, 58, 79-86.	0.8	2
14	Comparative analysis of heat pump and biomass boiler for small detached house heating. <i>E3S Web of Conferences</i> , 2017, 19, 01011.	0.5	1
15	Automatic selection of arterial input function in DSC-MRI measurements for calculation of brain perfusion parameters using parametric modelling. <i>Mathematical Modelling of Natural Phenomena</i> , 2018, 13, 58.	2.4	1
16	The Use of Magnetic Resonance Imaging for the Evaluation of the Porcine Intervertebral Disc Condition Under Treatment. <i>Applied Magnetic Resonance</i> , 2019, 50, 1219-1231.	1.2	1
17	An analysis of the conditions during the autonomous start-up of a water ram. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	1.3	1
18	Optimizing Mushroom Cultivation Process - Concepts for Control and Monitoring System. <i>Agricultural Engineering</i> , 2020, 24, 13-22.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Numerical simulations of cavitation phenomenon in Venturi tube and their validation using an optoelectronic system. , 2016, , 776-777.	0.1	1
20	Stages of work ram water. Journal of Civil Engineering, Environment and Architecture, 2014, XXXI, 95-113.	0.0	1
21	The Effect of Pulsed Electric Field on Mesenchymal Stem Cell Direct Migration. IFMBE Proceedings, 2016, , 159-162.	0.3	1
22	Visual History Archive jako multimedialne narzędzie pracy z 1/4yw... histori... XX wieku. Edukacja " Technika " Informatyka, 2018, 25, 287-292.	0.0	1
23	Usefulness of chest perfusion computed tomography in the diagnosis of diabetic pulmonary microangiopathy. Biocybernetics and Biomedical Engineering, 2015, 35, 68-73.	5.9	0
24	Estimation of the cost of electro-mechanical equipment for small hydropower plants " review and comparison of methods. E3S Web of Conferences, 2017, 19, 01023.	0.5	0
25	Analysis of high-speed photography of cavitating flow in convergent-divergent nozzle. Journal of Physics: Conference Series, 2018, 1101, 012020.	0.4	0
26	System sterowania procesem mieszania w produkcji jogurtów w smakowych oparty na sterowniku PLC. Engineering Sciences and Technologies, 2015, , .	0.1	0
27	Proposal of New Tracer Concentration Model in Lung PCT Study - Comparison with Commonly Used Gamma-variate Model. , 2017, , .		0
28	Statistical methods of images analysis as an essential tool in the assessment process of computer methods intended for numerical simulations of cavitating flows. , 0, , .		0
29	Metody badań, eksperymentalnych zjawiska kawitacji. Przegląd Mechaniczny, 2017, 1, 46-48.	0.0	0
30	Synergia metod dydaktycznych w nauczaniu elektroniki. Edukacja " Technika " Informatyka, 2018, 24, 325-330.	0.0	0
31	Opracowanie dydaktyczne układu sterowania i kontroli parametrów w pracy kotła parowego z zastosowaniem sterownika programowalnego. Edukacja " Technika " Informatyka, 2018, 24, 304-310.	0.0	0