Piotr Waz

List of Publications by Year
in descending order

71 papers	704 citations	566801 15 h-index	642321 23 g-index
71 all docs	71 docs citations	71 times ranked	704 citing authors

#	Article	IF	Citations
1	Neurodegeneration and Neuroinflammation in Diabetic Retinopathy: Potential Approaches to Delay Neuronal Loss. Current Neuropharmacology, 2016, 14, 831-839.	1.4	62
2	2D-dynamic representation of DNA sequences. Chemical Physics Letters, 2007, 442, 140-144.	1.2	54
3	Distribution moments of 2D-graphs as descriptors of DNA sequences. Chemical Physics Letters, 2007, 443, 408-413.	1.2	38
4	Prevalence and predictors of post-stroke spasticity and its impact on daily living and quality of life. Neurologia I Neurochirurgia Polska, 2019, 53, 449-457.	0.6	36
5	Higher diversity in fungal species discriminates children with type 1 diabetes mellitus from healthy control. Patient Preference and Adherence, 2016, 10, 591.	0.8	33
6	3D-dynamic representation of DNA sequences. Journal of Molecular Modeling, 2014, 20, 2141.	0.8	28
7	The impact of subthalamic deep brain stimulation on sleep and other non-motor symptoms in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 64, 138-144.	1.1	27
8	20D-dynamic representation of protein sequences. Genomics, 2016, 107, 16-23.	1.3	26
9	The cut-off value for interleukin 34 as an additional potential inflammatory biomarker for the prediction of the risk of diabetic complications. Biomarkers, 2016, 21, 276-282.	0.9	25
10	Non-standard similarity/dissimilarity analysis of DNA sequences. Genomics, 2014, 104, 464-471.	1.3	20
11	Descriptors of 2D-dynamic graphs as a classification tool of DNA sequences. Journal of Mathematical Chemistry, 2014, 52, 132-140.	0.7	18
12	Similarity studies of DNA sequences using genetic methods. Chemical Physics Letters, 2007, 445, 68-73.	1.2	17
13	Characterizing the Zika Virus Genome â€" A Bioinformatics Study. Current Computer-Aided Drug Design, 2016, 12, 87-97.	0.8	17
14	Gaseous Pollutants and Particulate Matter (PM) in Ambient Air and the Number of New Cases of Type 1 Diabetes in Children and Adolescents in the Pomeranian Voivodeship, Poland. BioMed Research International, 2020, 2020, 1-7.	0.9	16
15	Asymmetry Coefficients as Indicators of Chaos. Acta Physica Polonica A, 2009, 116, 987-991.	0.2	16
16	Similarity studies using statistical and genetical methods. Journal of Mathematical Chemistry, 2007, 42, 1003-1013.	0.7	15
17	Spectral-dynamic representation of DNA sequences. Journal of Biomedical Informatics, 2017, 72, 1-7.	2.5	15
18	Dysmenorrhea and Associated Factors among Polish Women: A Cross-Sectional Study. Pain Research and Management, 2020, 2020, 1-10.	0.7	15

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19	Statistical theory of spectra: statistical moments as descriptors in the theory of molecular similarity. European Physical Journal B, 2006, 50, 333-338.	0.6	14
20	Blastocystis subtypes isolated from travelers and non-travelers from the north of Poland â€" A single center study. Infection, Genetics and Evolution, 2019, 75, 103926.	1.0	14
21	Correlations in spectral statistics. Journal of Mathematical Chemistry, 2008, 43, 1287-1300.	0.7	13
22	The usefulness of commercially available serological tests in the diagnosis and monitoring of treatment in patients with alveolar echinococcosis. Clinical and Experimental Hepatology, 2019, 5, 327-333.	0.6	13
23	Adaptive Changes After 2 Weeks of 10-s Sprint Interval Training With Various Recovery Times. Frontiers in Physiology, 2018, 9, 392.	1.3	12
24	PM10 concentration and microbiological assessment of air in relation to the number of acute cases of type 1 diabetes mellitus in the Lubelskie Voivodeship. Preliminary report. Pediatric Endocrinology, Diabetes and Metabolism, 2017, 23, 70-76.	0.3	12
25	Statistical spectroscopy as a tool for the study of molecular similarity. Journal of Mathematical Chemistry, 2008, 43, 1560-1572.	0.7	11
26	Spectral density distribution moments as novel descriptors for QSAR/QSPR. Structural Chemistry, 2014, 25, 29-35.	1.0	9
27	The impact of subthalamic deep brain stimulation on polysomnographic sleep pattern in patients with Parkinson's disease â€" Preliminary report. Neurologia I Neurochirurgia Polska, 2018, 52, 514-518.	0.6	9
28	Ultrasound images in hepatic alveolar echinococcosis and clinical stage of the disease. Advances in Medical Sciences, 2019, 64, 324-330.	0.9	9
29	Mold and Yeast-Like Fungi in the Seaside Air of the Gulf of GdaÅ„sk (Southern Baltic) after an Emergency Disposal of Raw Sewage. Journal of Fungi (Basel, Switzerland), 2021, 7, 219.	1.5	8
30	Potential effects of microbial air quality on the number of new cases of diabetes type 1 in children in two regions of Poland: a pilot study . Infection and Drug Resistance, 2019, Volume 12, 2323-2334.	1.1	7
31	The Implementation Process of Nurse Prescribing in Poland â€" A Descriptive Study. International Journal of Environmental Research and Public Health, 2020, 17, 2417.	1.2	7
32	Non-standard bioinformatics characterization of SARS-CoV-2. Computers in Biology and Medicine, 2021, 131, 104247.	3.9	7
33	High Interleukin-12 Levels May Prevent an Increase in the Amount of Fungi in the Gastrointestinal Tract during the First Years of Diabetes Mellitus Type 1. Disease Markers, 2016, 2016, 1-10.	0.6	6
34	Little auks under the midnight sun: diel activity rhythm of a small diving seabird during the Arctic summer. Polar Research, 0, , .	1.6	6
35	The emergency discharge of sewage to the Bay of GdaÅ„sk as a source of bacterial enrichment in coastal air. Scientific Reports, 2021, 11, 20959.	1.6	6
36	Introital ultrasound in the diagnosis of lower urinary tract symptoms following anti-incontinence surgery using a synthetic midurethral tape. International Urogynecology Journal, 2019, 30, 1503-1508.	0.7	5

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37	Classification Maps in Studies on the Retirement Threshold. Applied Sciences (Switzerland), 2020, 10, 1282.	1.3	5
38	The Impact of Subthalamic Deep Brain Stimulation on Restless Legs Syndrome in Parkinson's Disease. Neuromodulation, 2022, 25, 904-910.	0.4	5
39	Effect of Manual Therapy Compared to Ibuprofen on Primary Dysmenorrhea in Young Women—Concentration Assessment of C-Reactive Protein, Vascular Endothelial Growth Factor, Prostaglandins and Sex Hormones. Journal of Clinical Medicine, 2022, 11, 2686.	1.0	5
40	Analytical theory of the motion of Phobos: Analysis of the perturbational function. Reports on Mathematical Physics, 1999, 44, 283-290.	0.4	4
41	Asymmetry Coefficients as Indicators of Chaos: Hyperchaotic Qi System. Acta Physica Polonica A, 2013, 123, 647-650.	0.2	4
42	Impact of Three Strengthening Exercises on Dynamic Knee Valgus and Balance with Poor Knee Control among Young Football Players: A Randomized Controlled Trial. Healthcare (Switzerland), 2021, 9, 558.	1.0	4
43	Statistical properties of spectra of chloronaphthalenes. Journal of Mathematical Chemistry, 2013, 51, 857-867.	0.7	3
44	New indicators of chaos. Applied Mathematics and Computation, 2014, 227, 449-455.	1.4	3
45	An Evaluation of the Effectiveness of Ibuprofen and Manual Therapy in Young Women with Dysmenorrhea—A Pilot Study. Healthcare (Switzerland), 2021, 9, 617.	1.0	3
46	Feasibility of Chest Wall and Diaphragm Proprioceptive Neuromuscular Facilitation (PNF) Techniques in Mechanically Ventilated Patients. International Journal of Environmental Research and Public Health, 2022, 19, 960.	1.2	3
47	Similarity and Dissimilarity of DNA∙RNA Sequences. AIP Conference Proceedings, 2007, , .	0.3	2
48	2D-dynamic representation of DNA sequences as a graphical tool in bioinformatics. AIP Conference Proceedings, 2016, , .	0.3	2
49	A new method in bioinformatics – Interdisciplinary similarity studies. AIP Conference Proceedings, 2019, , .	0.3	2
50	A new computational method: Interdisciplinary classification analysis. AIP Conference Proceedings, 2019, , .	0.3	2
51	Motor Control Evaluation as a Significant Component in Upper Limb Function Assessment in Female Breast Cancer Patients after Mastectomy. Healthcare (Switzerland), 2021, 9, 973.	1.0	2
52	Analytical theory of the motion of Phobos: A comparison with numerical integration. Astronomy and Astrophysics, 2004, 416, 1187-1192.	2.1	2
53	A Computational Model of Similarity Analysis in Quality of Life Research: An Example of Studies in Poland. Life, 2022, 12, 56.	1.1	2
54	3D-dynamic graphs as a classification tool of DNA sequences. AIP Conference Proceedings, 2016, , .	0.3	1

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55	No effect of yeast-like fungi on lipid metabolism and vascular endothelial growth factor level in children and adolescents with type 1 diabetes mellitus. Italian Journal of Pediatrics, 2016, 42, 107.	1.0	1
56	Application of methylene blue as an improvement of the injection technique of botulinum toxin A in the treatment of refractory idiopathic overactive bladder: prospective, single-blind (patient-blind), randomized trial. Wideochirurgia I Inne Techniki Maloinwazyjne, 2019, 14, 420-426.	0.3	1
57	Higher Number of Yeast-like Fungi in the Air in 2018 after an Emergency Discharge of Raw Sewage to the Gulf of GdaÅ„skâ€"Use of Contingency Tables. Symmetry, 2021, 13, 1522.	1.1	1
58	Applications of 2D and 3D-Dynamic Representations of DNA/RNA Sequences for a description of genome sequences of viruses. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	0.6	1
59	A Dynamical System: Mars and its Satellite. Journal of Nonlinear Mathematical Physics, 2001, 8, 289.	0.8	0
60	The influence of shapes of the bodies on the dynamics of planetary and star systems. Celestial Mechanics and Dynamical Astronomy, 2006, 96, 159-167.	0.5	0
61	Normal Terms of Hamiltonian Systems. Acta Physica Polonica A, 1996, 89, 467-479.	0.2	0
62	Periodic Motion of Rigid Body in Circular Orbit. Acta Physica Polonica A, 1997, 92, 481-489.	0.2	0
63	A policy view: gaps and weaknesses of substitution between biological products in law and economics dimension: the example of insulin. Acta Poloniae Pharmaceutica, 2018, 75, 1003-1015.	0.3	0
64	Legitimacy and potential savings in automatic substitution of biological products in Poland, the example of insulin. Acta Poloniae Pharmaceutica, 2018, 75, 1255-1263.	0.3	0
65	Legal and economic identification and assessment of pharmacy substitution in narrow therapeutic index drugs, on the example of epileptic medications in Poland. Acta Poloniae Pharmaceutica, 2018, 75, 1447-1458.	0.3	0
66	Mathematical Modeling: Interdisciplinary Similarity Studies. Lecture Notes in Computer Science, 2019, , 334-341.	1.0	0
67	Classification Studies in Various Areas of Science. Lecture Notes in Computer Science, 2019, , 326-333.	1.0	0
68	A Dynamical System: Mars and its Satellite. Journal of Nonlinear Mathematical Physics, 2001, 8, 289.	0.8	0
69	Comparison of retropubic tension-free vaginal tape inserted on two different height positions. International Urogynecology Journal, 2022, , 1.	0.7	0
70	Graphical Representations of Biological Sequences. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 347-348.	0.6	0
71	4D-Dynamic Representation of DNA/RNA Sequences: Studies on Genetic Diversity of Echinococcus multilocularis in Red Foxes in Poland. Life, 2022, 12, 877.	1.1	0