

Rok Blagus

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,456
citations

516681

16
h-index

345203

36
g-index

51
all docs

51
docs citations

51
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	SMOTE for high-dimensional class-imbalanced data. BMC Bioinformatics, 2013, 14, 106.	2.6	553
2	Class prediction for high-dimensional class-imbalanced data. BMC Bioinformatics, 2010, 11, 523.	2.6	176
3	Physical activity, screen time and the COVID-19 school closures in Europe – An observational study in 10 countries. European Journal of Sport Science, 2022, 22, 1094-1103.	2.7	87
4	Joint use of over- and under-sampling techniques and cross-validation for the development and assessment of prediction models. BMC Bioinformatics, 2015, 16, 363.	2.6	69
5	Gradient boosting for high-dimensional prediction of rare events. Computational Statistics and Data Analysis, 2017, 113, 19-37.	1.2	50
6	Evaluation of SMOTE for High-Dimensional Class-Imbalanced Microarray Data. , 2012, , .		41
7	Improved shrunken centroid classifiers for high-dimensional class-imbalanced data. BMC Bioinformatics, 2013, 14, 64.	2.6	33
8	Identification of risk factors influencing Clostridium difficile prevalence in middle-size dairy farms. Veterinary Research, 2016, 47, 41.	3.0	30
9	Comparison of Clinical Course and Treatment Outcome for Patients With Early Disseminated or Early Localized Lyme Borreliosis. JAMA Dermatology, 2018, 154, 1050.	4.1	27
10	Modeling COVID-19 pandemic using Bayesian analysis with application to Slovene data. Mathematical Biosciences, 2020, 329, 108466.	1.9	25
11	Incidence Trends and Geographical Variability of Pediatric Inflammatory Bowel Disease in Slovenia: A Nationwide Study. BioMed Research International, 2015, 2015, 1-8.	1.9	22
12	Single fiber EMG as a prognostic tool in myasthenia gravis. Muscle and Nerve, 2016, 54, 1034-1040.	2.2	21
13	Oral doxycycline versus intravenous ceftriaxone for treatment of multiple erythema migrans: an open-label alternate-treatment observational trial. Journal of Antimicrobial Chemotherapy, 2018, 73, 1352-1358.	3.0	21
14	Clinical Course, Serologic Response, and Long-Term Outcome in Elderly Patients with Early Lyme Borreliosis. Journal of Clinical Medicine, 2018, 7, 506.	2.4	21
15	Boosting for high-dimensional two-class prediction. BMC Bioinformatics, 2015, 16, 300.	2.6	20
16	Safranin O without fast green is the best staining method for testing the degradation of macromolecules in a cartilage extracellular matrix for the determination of the postmortem interval. Forensic Science, Medicine, and Pathology, 2020, 16, 252-258.	1.4	20
17	Quantification of Clostridioides (Clostridium) difficile in feces of calves of different age and determination of predominant Clostridioides difficile ribotype O33 relatedness and transmission between family dairy farms using multilocus variable-number tandem-repeat analysis. BMC Veterinary Research, 2018, 14, 298.	1.9	17
18	A Prospective Cohort Study on Cardiotoxicity of Adjuvant Trastuzumab Therapy in Breast Cancer Patients. Arquivos Brasileiros De Cardiologia, 2016, 107, 40-7.	0.8	17

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19	Comparison of bibliometric measures for assessing relative importance of researchers. <i>Scientometrics</i> , 2015, 105, 1743-1762.	3.0	15
20	Nutrition of patients with severe neurologic impairment. <i>Radiology and Oncology</i> , 2017, 52, 83-89.	1.7	15
21	Predictive values of pulse pressure variation and stroke volume variation for fluid responsiveness in patients with pneumoperitoneum. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 825-832.	1.6	15
22	Outlier Detection for Healthcare Quality Monitoring – A Comparison of Four Approaches to Over-Dispersed Proportions. <i>Quality and Reliability Engineering International</i> , 2014, 30, 347-362.	2.3	12
23	Risk factors associated with fecal shedding of <i>Listeria monocytogenes</i> by dairy cows and calves. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1773-1779.	1.6	12
24	Effects of international collaboration and status of journal on impact of papers. <i>Scientometrics</i> , 2012, 93, 937-948.	3.0	11
25	Are we underestimating the impact of COVID-19 on children’s physical activity in Europe? a study of 24 302 children. <i>European Journal of Public Health</i> , 2022, , .	0.3	11
26	Business indicators of healthcare quality: Outlier detection in small samples. <i>Applied Stochastic Models in Business and Industry</i> , 2012, 28, 282-295.	1.5	9
27	Cold Susceptibility of Digit Stumps Resulting from Amputation After Freezing Cold Injury in Elite Alpinists. <i>High Altitude Medicine and Biology</i> , 2018, 19, 185-192.	0.9	9
28	Clinical manifestations and long-term outcome of early Lyme neuroborreliosis according to the European Federation of Neurological Societies diagnostic criteria (definite versus possible) in central Europe. A retrospective cohort study. <i>European Journal of Neurology</i> , 2021, 28, 3155-3166.	3.3	9
29	To tune or not to tune, a case study of ridge logistic regression in small or sparse datasets. <i>BMC Medical Research Methodology</i> , 2021, 21, 199.	3.1	9
30	The Class-Imbalance Problem for High-Dimensional Class Prediction. , 2012, , .		8
31	Long-term recovery of muscle strength after denervation in the fibular division of the sciatic nerve. <i>Muscle and Nerve</i> , 2016, 54, 702-708.	2.2	7
32	Effect of intrabronchial administration of autologous adipose-derived mesenchymal stem cells on severe equine asthma. <i>Stem Cell Research and Therapy</i> , 2022, 13, 23.	5.5	7
33	Molecular characterization of <i>Staphylococcus aureus</i> isolates from skin and soft tissue infections samples and healthy carriers in the Central Slovenia region. <i>Apmis</i> , 2016, 124, 309-318.	2.0	6
34	Ski-Everest (8848 m) Expedition: Digit Skin Temperature Responses to Cold Immersion May Reflect Susceptibility to Cold Injury. <i>Wilderness and Environmental Medicine</i> , 2019, 30, 141-149.	0.9	6
35	What (not) to expect when classifying rare events. <i>Briefings in Bioinformatics</i> , 2018, 19, 341-349.	6.5	5
36	Antibiotic Use and Long-Term Outcome in Patients with Tick-Borne Encephalitis and Co-Infection with <i>Borrelia burgdorferi</i> Sensu Lato in Central Europe. A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1740.	2.4	5

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37	Risk for malnutrition in family practice non-attenders living in the community: A cross-sectional study from Slovenia. <i>Nutrition</i> , 2020, 72, 110657.	2.4	5
38	The long-term effects of restrictive interventions on consumption and costs of antibiotics. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 31-35.	2.2	3
39	European Antibiotic Awareness Day (EAAD): any impact on antibiotic consumption and public awareness in Slovenia?. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2567-2572.	3.0	3
40	Five-Day vs 10-Day Postexposure Chemoprophylaxis With Oseltamivir to Prevent Hospital Transmission of Influenza: A Noninferiority Randomized Open-Label Study. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa240.	0.9	3
41	Factors that determine dependence in daily activities: A cross-sectional study of family practice non-attenders from Slovenia. <i>PLoS ONE</i> , 2021, 16, e0245465.	2.5	3
42	Ocena stopnje reprodukcije okužbe in deležev okuženih z virusom SARS-CoV-2 v Sloveniji. <i>Zdravniški Vestnik</i> , 2020, 89, 591-602.	0.1	3
43	COVID-19 in Slovenia, from a Success Story to Disaster: What Lessons Can Be Learned?. <i>Life</i> , 2021, 11, 1045.	2.4	3
44	High Seroprevalence of <i>Toxoplasma gondii</i> in Slovenian Wild Boars (<i>Sus scrofa</i>). <i>Animals</i> , 2021, 11, 3139.	2.3	3
45	Net survival of patients with colorectal cancer: a comparison of two periods. <i>Updates in Surgery</i> , 2019, 71, 687-694.	2.0	2
46	Individualised screening of diabetic foot: creation of a prediction model based on penalised regression and assessment of theoretical efficacy. <i>Diabetologia</i> , 2022, 65, 291-300.	6.3	2
47	Association between statin use and clinical course, microbiologic characteristics, and long-term outcome of early Lyme borreliosis. A post hoc analysis of prospective clinical trials of adult patients with erythema migrans. <i>PLoS ONE</i> , 2021, 16, e0261194.	2.5	2
48	Pulmonary Circulation Transvascular Fluid Fluxes Do Not Change during General Anesthesia in Dogs. <i>Frontiers in Physiology</i> , 2018, 9, 124.	2.8	1
49	Mean squared error of ridge estimators in logistic regression. <i>Statistica Neerlandica</i> , 2020, 74, 159-191.	1.6	1
50	Effectiveness of Ultrasound-Guided Canal Adductor Blockade for Chronic Pain and Functioning in Knee Osteoarthritis: A Prospective Longitudinal Observational Study. <i>BioMed Research International</i> , 2022, 2022, 1-10.	1.9	1