

**ranger**: A Fast Implementation of Random Forests  
in *C++* and *R*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Do little interactions get lost in dark random forests?. BMC Bioinformatics, 2016, 17, 145.	1.2	94
2	Soil nutrient maps of Sub-Saharan Africa: assessment of soil nutrient content at 250 m spatial resolution using machine learning. Nutrient Cycling in Agroecosystems, 2017, 109, 77-102.	1.1	195
3	Random forest training stage acceleration using graphics processing units. , 2017, , .		1
4	Correcting Classifiers for Sample Selection Bias in Two-Phase Case-Control Studies. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-18.	0.7	8
5	A Multicriteria Approach to Find Predictive and Sparse Models with Stable Feature Selection for High-Dimensional Data. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-18.	0.7	13
6	Predicting cancer type from tumour DNA signatures. Genome Medicine, 2017, 9, 104.	3.6	40
7	Machine learning for predicting lifespan-extending chemical compounds. Aging, 2017, 9, 1721-1737.	1.4	34
8	Some methods for heterogeneous treatment effect estimation in high dimensions. Statistics in Medicine, 2018, 37, 1767-1787.	0.8	83
9	Single-cell RNA-seq of rheumatoid arthritis synovial tissue using low-cost microfluidic instrumentation. Nature Communications, 2018, 9, 791.	5.8	284
10	Is laparoscopic sleeve gastrectomy safer than laparoscopic gastric bypass? a comparison of 30-day complications using the MBSAQIP data registry. Surgery for Obesity and Related Diseases, 2018, 14, 264-269.	1.0	108
11	Genomic breeding values, <scp>SNP</scp> effects and gene identification for disease traits in cow training sets. Animal Genetics, 2018, 49, 178-192.	0.6	23
12	Pattern recognition with machine learning on optical microscopy images of typical metallurgical microstructures. Scientific Reports, 2018, 8, 2078.	1.6	107
13	Machine Learning on a Genome-wide Association Study to Predict Late Genitourinary Toxicity After Prostate Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 101, 128-135.	0.4	73
14	Survival Forests with R-Squared Splitting Rules. Journal of Computational Biology, 2018, 25, 388-395.	0.8	2
15	Predicting Daily Urban Fine Particulate Matter Concentrations Using a Random Forest Model. Environmental Science & Technology, 2018, 52, 4173-4179.	4.6	137
16	Predicting artificially drained areas by means of a selective model ensemble. Geoderma, 2018, 320, 30-42.	2.3	47
17	Training replicable predictors in multiple studies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2578-2583.	3.3	34
18	A computationally fast variable importance test for random forests for high-dimensional data. Advances in Data Analysis and Classification, 2018, 12, 885-915.	0.9	115

#	ARTICLE	IF	CITATIONS
19	A survival ensemble of extreme learning machine. <i>Applied Intelligence</i> , 2018, 48, 1846-1858.	3.3	8
20	Open digital mapping as a cost-effective method for mapping peat thickness and assessing the carbon stock of tropical peatlands. <i>Geoderma</i> , 2018, 313, 25-40.	2.3	96
21	Innovation in rangeland monitoring: annual, 30m, plant functional type percent cover maps for U.S. rangelands, 1984–2017. <i>Ecosphere</i> , 2018, 9, e02430.	1.0	165
22	Random Forest Framework Customized to Handle Highly Correlated Variables: An Extensive Experimental Study Applied to Feature Selection in Genetic Data. , 2018, , .		2
23	Random forest as a generic framework for predictive modeling of spatial and spatio-temporal variables. <i>PeerJ</i> , 2018, 6, e5518.	0.9	469
24	Evaluate Machine Learning Models Used for Upscaling Surface Ocean CO2 Measurements. , 2018, , .		1
25	Balancing Accuracy and Transparency in Early Alert Identification of Students at Risk. , 2018, , .		2
26	Estimation and Updating Methods for Hedonic Valuation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
27	Using machine learning to guide targeted and locally-tailored empiric antibiotic prescribing in a children's hospital in Cambodia. <i>Wellcome Open Research</i> , 2018, 3, 131.	0.9	48
28	Implementation and evaluation of an immunity-enhancing module for ISC BIND9. <i>Procedia Computer Science</i> , 2018, 126, 1405-1414.	1.2	1
29	Ensemble learning for detecting gene-gene interactions in colorectal cancer. <i>PeerJ</i> , 2018, 6, e5854.	0.9	21
30	Data-Driven Inventory Management: Integrated Estimation and Optimization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
31	Soil Property and Class Maps of the Conterminous United States at 100m Spatial Resolution. <i>Soil Science Society of America Journal</i> , 2018, 82, 186-201.	1.2	166
32	Prescriptive Analytics for Inventory Management: A Comparison of New Approaches. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
34	Digital Soil Mapping Using Machine Learning Algorithms in a Tropical Mountainous Area. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	28
35	Strategies for addressing collinearity in multivariate linguistic data. <i>Journal of Phonetics</i> , 2018, 71, 249-267.	0.6	124
36	The Great Regression. <i>Revue Francaise De Sociologie</i> , 2018, Vol. 59, 475-506.	0.9	18
37	Predicting matches in international football tournaments with random forests. <i>Statistical Modelling</i> , 2018, 18, 460-482.	0.5	17

#	ARTICLE	IF	CITATIONS
38	Monotonic Effects of Characteristics on Returns. SSRN Electronic Journal, 0, , .	0.4	3
39	Facilitating high-dimensional transparent classification via empirical Bayes variable selection. Applied Stochastic Models in Business and Industry, 2018, 34, 949-961.	0.9	0
40	Geostatistics: Principles and Applications in Spatial Mapping of Soil Properties. Geotechnologies and the Environment, 2018, , 143-159.	0.3	2
41	Using recursive feature elimination in random forest to account for correlated variables in high dimensional data. BMC Genetics, 2018, 19, 65.	2.7	222
42	Inter-individual differences in serotonin and glutamate co-transmission reflect differentiation in context-induced conditioned 50-kHz USVs response after morphine withdrawal. Brain Structure and Function, 2018, 223, 3149-3167.	1.2	14
43	The revival of the Gini importance?. Bioinformatics, 2018, 34, 3711-3718.	1.8	410
44	Chord Progressions Selection Based on Song Audio Features. Lecture Notes in Computer Science, 2018, , 490-501.	1.0	0
45	Performance of fish-habitat classifiers based on derived predictors from a coupled biophysical model. Journal of Marine Systems, 2018, 186, 105-114.	0.9	5
46	Identifying surgical site infections in electronic health data using predictive models. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1160-1166.	2.2	14
47	Mapping semi-natural grassland communities using multi-temporal RapidEye remote sensing data. International Journal of Remote Sensing, 2018, 39, 5638-5659.	1.3	18
48	Phenotypic characterization of Gardnerella vaginalis subgroups suggests differences in their virulence potential. PLoS ONE, 2018, 13, e0200625.	1.1	56
50	Facilitating Anti-Cancer Combinatorial Drug Discovery by Targeting Epistatic Disease Genes. Molecules, 2018, 23, 736.	1.7	11
51	Supervised machine learning outperforms taxonomy-based environmental <sc>DNA</sc> metabarcoding applied to biomonitoring. Molecular Ecology Resources, 2018, 18, 1381-1391.	2.2	116
52	Prediction assisted runtime based energy tuning mechanism for HPC applications. Sustainable Computing: Informatics and Systems, 2018, 19, 43-51.	1.6	1
53	Spatiotemporal land use random forest model for estimating metropolitan NO2 exposure in Japan. Science of the Total Environment, 2018, 634, 1269-1277.	3.9	101
54	What makes a word prominent? Predicting untrained German listeners'™ perceptual judgments. Journal of Phonetics, 2018, 70, 20-38.	0.6	66
55	High-resolution mapping of acid sulfate soils in Northern Australia through predictive models. Environmental Chemistry Letters, 2018, 16, 1449-1455.	8.3	4
56	Using isotope composition and other node attributes to predict edges in fish trophic networks. Statistics and Probability Letters, 2019, 144, 63-68.	0.4	3

#	ARTICLE	IF	CITATIONS
57	The accuracy of passive phone sensors in predicting daily mood. <i>Depression and Anxiety</i> , 2019, 36, 72-81.	2.0	80
58	Treatment response classes in major depressive disorder identified by model-based clustering and validated by clinical prediction models. <i>Translational Psychiatry</i> , 2019, 9, 187.	2.4	51
59	A Multiobjective Approach to Classification in Drug Discovery. , 2019, , .		3
60	Predicting the Spatial Distribution and Severity of Soil Erosion in the Global Tropics using Satellite Remote Sensing. <i>Remote Sensing</i> , 2019, 11, 1800.	1.8	19
61	Utilization of State Performance Indices to Correlate National Performance Measures for Asphalt Pavements in Tennessee. <i>Transportation Research Record</i> , 2019, 2673, 379-388.	1.0	6
62	Optical Nanosensing of Lipid Accumulation due to Enzyme Inhibition in Live Cells. <i>ACS Nano</i> , 2019, 13, 9363-9375.	7.3	31
63	A hybrid random forest to predict soccer matches in international tournaments. <i>Journal of Quantitative Analysis in Sports</i> , 2019, 15, 271-287.	0.5	29
64	Block Forests: random forests for blocks of clinical and omics covariate data. <i>BMC Bioinformatics</i> , 2019, 20, 358.	1.2	18
65	Predicting drug activity against cancer cells by random forest models based on minimal genomic information and chemical properties. <i>PLoS ONE</i> , 2019, 14, e0219774.	1.1	75
66	Automated feature engineering improves prediction of proteinâ€“protein interactions. <i>Amino Acids</i> , 2019, 51, 1187-1200.	1.2	18
67	Extending Classification Algorithms to Case-Control Studies. <i>Biomedical Engineering and Computational Biology</i> , 2019, 10, 117959721985895.	0.8	12
68	Retrieval of Total Precipitable Water from Himawari-8 AHI Data: A Comparison of Random Forest, Extreme Gradient Boosting, and Deep Neural Network. <i>Remote Sensing</i> , 2019, 11, 1741.	1.8	38
69	Microbial Similarity between Students in a Common Dormitory Environment Reveals the Forensic Potential of Individual Microbial Signatures. <i>MBio</i> , 2019, 10, .	1.8	31
70	Accelerometry-Based Prediction of Energy Expenditure in Preschoolers. <i>Journal for the Measurement of Physical Behaviour</i> , 2019, 2, 94-102.	0.5	8
71	Fast Random Forest Algorithm via Incremental Upper Bound. , 2019, , .		2
72	Cross-cultural multimodal politeness: The phonetics of Japanese deferential speech in comparison to Korean. <i>Intercultural Pragmatics</i> , 2019, 16, 517-555.	0.7	21
73	In-Field Detection and Quantification of Septoria Tritici Blotch in Diverse Wheat Germplasm Using Spectralâ€“Temporal Features. <i>Frontiers in Plant Science</i> , 2019, 10, 1355.	1.7	26
74	Leaf Wetness Duration Models Using Advanced Machine Learning Algorithms: Application to Farms in Gyeonggi Province, South Korea. <i>Water (Switzerland)</i> , 2019, 11, 1878.	1.2	8

#	ARTICLE	IF	CITATIONS
75	Machine learning-based chemical binding similarity using evolutionary relationships of target genes. <i>Nucleic Acids Research</i> , 2019, 47, e128-e128.	6.5	13
76	Interpolation of Instantaneous Air Temperature Using Geographical and MODIS Derived Variables with Machine Learning Techniques. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 382.	1.4	9
77	Generalized random forests. <i>Annals of Statistics</i> , 2019, 47, .	1.4	641
78	Assessing the Applicability of Random Forest, Stochastic Gradient Boosted Model, and Extreme Learning Machine Methods to the Quantitative Precipitation Estimation of the Radar Data: A Case Study to Gwangdeoksan Radar, South Korea, in 2018. <i>Advances in Meteorology</i> , 2019, 2019, 1-17.	0.6	11
79	Evaluation of parameters affecting performance and reliability of machine learning-based antibiotic susceptibility testing from whole genome sequencing data. <i>PLoS Computational Biology</i> , 2019, 15, e1007349.	1.5	64
80	A Socio-Informatic Approach to Automated Account Classification on Social Media. , 2019, , .		0
81	Early Detection of Invasive Exotic Trees Using UAV and Manned Aircraft Multispectral and LiDAR Data. <i>Remote Sensing</i> , 2019, 11, 1812.	1.8	50
82	Ensemble QSAR Modeling to Predict Multispecies Fish Toxicity Lethal Concentrations and Points of Departure. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12793-12802.	4.6	30
83	Building more accurate decision trees with the additive tree. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19887-19893.	3.3	55
84	The predictability of ecological stability in a noisy world. <i>Nature Ecology and Evolution</i> , 2019, 3, 251-259.	3.4	35
85	Improved disaggregation of conventional soil maps. <i>Geoderma</i> , 2019, 341, 148-160.	2.3	33
86	Evaluation Procedures for Forecasting with Spatio-Temporal Data. <i>Lecture Notes in Computer Science</i> , 2019, , 703-718.	1.0	10
87	What is the Best Inference Trajectory for Mapping Soil Functions: An Example of Mapping Soil Available Water Capacity over Languedoc Roussillon (France). <i>Soil Systems</i> , 2019, 3, 34.	1.0	14
88	Automatic steel labeling on certain microstructural constituents with image processing and machine learning tools. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 532-542.	2.8	27
89	Mapping the Depth-to-Soil pH Constraint, and the Relationship with Cotton and Grain Yield at the Within-Field Scale. <i>Agronomy</i> , 2019, 9, 251.	1.3	32
90	A Critical Review of Spatial Predictive Modeling Process in Environmental Sciences with Reproducible Examples in R. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2048.	1.3	15
91	Hyperparameter tuning and performance assessment of statistical and machine-learning algorithms using spatial data. <i>Ecological Modelling</i> , 2019, 406, 109-120.	1.2	230
92	Slope stability prediction for circular mode failure using gradient boosting machine approach based on an updated database of case histories. <i>Safety Science</i> , 2019, 118, 505-518.	2.6	218

#	ARTICLE	IF	CITATIONS
93	Forest Packing: Fast Parallel, Decision Forests. , 2019, , 46-54.		7
94	A Brief Review of Random Forests for Water Scientists and Practitioners and Their Recent History in Water Resources. Water (Switzerland), 2019, 11, 910.	1.2	336
95	Application of machine learning to large hail prediction - The importance of radar reflectivity, lightning occurrence and convective parameters derived from ERA5. Atmospheric Research, 2019, 227, 249-262.	1.8	47
96	Improving Intrusion Detection Model Prediction by Threshold Adaptation. Information (Switzerland), 2019, 10, 159.	1.7	15
97	Modeling and Forecasting Electric Vehicle Consumption Profiles. Energies, 2019, 12, 1341.	1.6	44
98	The Influence of Region of Interest Heterogeneity on Classification Accuracy in Wetland Systems. Remote Sensing, 2019, 11, 551.	1.8	11
99	Splitting on categorical predictors in random forests. PeerJ, 2019, 7, e6339.	0.9	23
100	Tree-Based Analysis. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e004879.	0.9	41
101	Surrogate minimal depth as an importance measure for variables in random forests. Bioinformatics, 2019, 35, 3663-3671.	1.8	26
102	Wildfire activity and land use drove 20th-century changes in forest cover in the Colorado front range. Ecosphere, 2019, 10, e02594.	1.0	27
103	BayesRandomForest: An R Implementation of Bayesian Random Forest for Regression Analysis of High-Dimensional Data. , 2019, , 269-275.		1
104	A blood-based signature of cerebrospinal fluid A $\beta$ 42 status. Scientific Reports, 2019, 9, 4163.	1.6	21
105	A comparison of statistical learning methods for deriving determining factors of accident occurrence from an imbalanced high resolution dataset. Accident Analysis and Prevention, 2019, 127, 134-149.	3.0	56
106	Calibrating an individual-based movement model to predict functional connectivity for little owls. Ecological Applications, 2019, 29, e01873.	1.8	19
107	Application of Machine Learning to Two Large-Sample Household Travel Surveys: A Characterization of Travel Modes. Transportation Research Record, 2019, 2673, 173-183.	1.0	17
108	Reducing False Arrhythmia Alarms Using Different Methods of Probability and Class Assignment in Random Forest Learning Methods. Sensors, 2019, 19, 1588.	2.1	9
109	Resting state connectivity best predicts alcohol use severity in moderate to heavy alcohol users. NeuroImage: Clinical, 2019, 22, 101782.	1.4	51
110	A comparison of single-cell trajectory inference methods. Nature Biotechnology, 2019, 37, 547-554.	9.4	1,038

#	ARTICLE	IF	CITATIONS
111	Assessing the performance of 38 machine learning models: the case of land consumption rates in Bavaria, Germany. <i>International Journal of Geographical Information Science</i> , 2019, 33, 1399-1419.	2.2	38
112	Hyperparameters and tuning strategies for random forest. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2019, 9, e1301.	4.6	651
113	Classification of Crops, Pastures, and Tree Plantations along the Season with Multi-Sensor Image Time Series in a Subtropical Agricultural Region. <i>Remote Sensing</i> , 2019, 11, 334.	1.8	35
114	Downscaling soil hydrological mapping used to predict catchment hydrological response with random forests. <i>Geoderma</i> , 2019, 341, 216-235.	2.3	17
115	Robust Data-Driven Optimization Using Machine Learning and Monte-Carlo Simulation. , 2019, , .		0
116	Biased Resampling Strategies for Imbalanced Spatio-Temporal Forecasting. , 2019, , .		3
117	Multi-temporal RapidEye Tasseled Cap data for land cover classification. <i>European Journal of Remote Sensing</i> , 2019, 52, 653-666.	1.7	3
118	Emotion Prediction with Weighted Appraisal Models “ Towards Validating a Psychological Theory of Affect. <i>IEEE Transactions on Affective Computing</i> , 2022, 13, 604-615.	5.7	3
119	Maize yield and nitrate loss prediction with machine learning algorithms. <i>Environmental Research Letters</i> , 2019, 14, 124026.	2.2	119
120	A High-Performance Computing Implementation of Iterative Random Forest for the Creation of Predictive Expression Networks. <i>Genes</i> , 2019, 10, 996.	1.0	26
121	Personalised analytics for rare disease diagnostics. <i>Nature Communications</i> , 2019, 10, 5274.	5.8	15
122	Estimating Daily PM <sub>2.5</sub> and PM <sub>10</sub> over Italy Using an Ensemble Model. <i>Environmental Science &amp; Technology</i> , 2020, 54, 120-128.	4.6	70
123	Analysis of Race Car Drivers’s Pedal Interactions by means of Supervised Learning. , 2019, , .		2
124	Driver Detection from Objective Criteria Describing the Driving Style of Race Car Drivers *. , 2019, , .		0
125	A geographically weighted random forest approach for evaluate forest change drivers in the Northern Ecuadorian Amazon. <i>PLoS ONE</i> , 2019, 14, e0226224.	1.1	23
126	Mapping at 30 m Resolution of Soil Attributes at Multiple Depths in Midwest Brazil. <i>Remote Sensing</i> , 2019, 11, 2905.	1.8	27
127	Climatic Drivers of Greening Trends in the Alps. <i>Remote Sensing</i> , 2019, 11, 2527.	1.8	41
128	Improving the drug discovery process by using multiple classifier systems. <i>Expert Systems With Applications</i> , 2019, 121, 292-303.	4.4	17



#	ARTICLE	IF	CITATIONS
129	Predicting the onset of <i>Betula pendula</i> flowering in Poznań, (Poland) using remote sensing thermal data. <i>Science of the Total Environment</i> , 2019, 658, 1485-1499.	3.9	18
130	Revisiting simulated annealing: A component-based analysis. <i>Computers and Operations Research</i> , 2019, 104, 191-206.	2.4	81
131	Data-driven techniques for fault diagnosis in power generation plants based on solid oxide fuel cells. <i>Energy Conversion and Management</i> , 2019, 180, 281-291.	4.4	34
132	ABC random forests for Bayesian parameter inference. <i>Bioinformatics</i> , 2019, 35, 1720-1728.	1.8	125
133	IoT-Enabled Machine Learning for an Algorithmic Spectrum Decision Process. <i>IEEE Internet of Things Journal</i> , 2019, 6, 1911-1919.	5.5	18
134	Immune activation underlies a sustained clinical response to Yttrium-90 radioembolisation in hepatocellular carcinoma. <i>Gut</i> , 2019, 68, 335-346.	6.1	138
135	Sampling uncertainty versus method uncertainty: A general framework with applications to omics biomarker selection. <i>Biometrical Journal</i> , 2020, 62, 670-687.	0.6	12
136	Ordinal Forests. <i>Journal of Classification</i> , 2020, 37, 4-17.	1.2	26
137	On classification trees and random forests in corpus linguistics: Some words of caution and suggestions for improvement. <i>Corpus Linguistics and Linguistic Theory</i> , 2020, 16, 617-647.	0.4	46
138	Statistical learning approaches in the genetic epidemiology of complex diseases. <i>Human Genetics</i> , 2020, 139, 73-84.	1.8	14
139	ragp: Pipeline for mining of plant hydroxyproline-rich glycoproteins with implementation in R. <i>Glycobiology</i> , 2020, 30, 19-35.	1.3	10
140	Growth Drivers of Bakken Oil Well Productivity. <i>Natural Resources Research</i> , 2020, 29, 1471-1486.	2.2	11
141	Benchmark for filter methods for feature selection in high-dimensional classification data. <i>Computational Statistics and Data Analysis</i> , 2020, 143, 106839.	0.7	356
142	Spatial quantification to examine the effectiveness of payments for ecosystem services: A case study of Costa Rica's Pago de Servicios Ambientales. <i>Ecological Indicators</i> , 2020, 108, 105766.	2.6	17
143	High-resolution assessment of French grassland dry matter and nitrogen yields. <i>European Journal of Agronomy</i> , 2020, 112, 125952.	1.9	11
144	Genetic model of MS severity predicts future accumulation of disability. <i>Annals of Human Genetics</i> , 2020, 84, 1-10.	0.3	28
145	Extensive land cover change across Arctic-Boreal Northwestern North America from disturbance and climate forcing. <i>Global Change Biology</i> , 2020, 26, 807-822.	4.2	107
146	Ecological memory at millennial time-scales: the importance of data constraints, species longevity and niche features. <i>Ecography</i> , 2020, 43, 1-10.	2.1	68

#	ARTICLE	IF	CITATIONS
147	Predicting bacterial virulence factors – evaluation of machine learning and negative data strategies. <i>Briefings in Bioinformatics</i> , 2020, 21, 1596-1608.	3.2	14
148	A note on knowledge discovery and machine learning in digital soil mapping. <i>European Journal of Soil Science</i> , 2020, 71, 133-136.	1.8	54
149	Polygenic risk scores outperform machine learning methods in predicting coronary artery disease status. <i>Genetic Epidemiology</i> , 2020, 44, 125-138.	0.6	29
150	Incorporating Low-Cost Sensor Measurements into High-Resolution PM <sub>2.5</sub> Modeling at a Large Spatial Scale. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2152-2162.	4.6	114
151	Cross-validation of existing signatures and derivation of a novel 29-gene transcriptomic signature predictive of progression to TB in a Brazilian cohort of household contacts of pulmonary TB. <i>Tuberculosis</i> , 2020, 120, 101898.	0.8	20
152	Cluster analysis and prediction of residential peak demand profiles using occupant activity data. <i>Applied Energy</i> , 2020, 260, 114246.	5.1	79
153	A Random Forest Approach for Bounded Outcome Variables. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 639-658.	0.9	7
154	Early Evidence of Inactivated Enterovirus 71 Vaccine Impact Against Hand, Foot, and Mouth Disease in a Major Center of Ongoing Transmission in China, 2011–2018: A Longitudinal Surveillance Study. <i>Clinical Infectious Diseases</i> , 2020, 71, 3088-3095.	2.9	33
155	Tree aggregation for random forest class probability estimation. <i>Statistical Analysis and Data Mining</i> , 2020, 13, 134-150.	1.4	19
156	Forecasting third-party mobile payments with implications for customer flow prediction. <i>International Journal of Forecasting</i> , 2020, 36, 739-760.	3.9	26
157	Simulate the forecast capacity of a complicated water quality model using the long short-term memory approach. <i>Journal of Hydrology</i> , 2020, 581, 124432.	2.3	64
158	Swift evolutionary response of microbes to a rise in anthropogenic mercury in the Northern Hemisphere. <i>ISME Journal</i> , 2020, 14, 788-800.	4.4	18
159	A multivariate analysis of environmental effects on road accident occurrence using a balanced bagging approach. <i>Accident Analysis and Prevention</i> , 2020, 136, 105398.	3.0	28
160	Prospective prediction of suicide attempts in community adolescents and young adults, using regression methods and machine learning. <i>Journal of Affective Disorders</i> , 2020, 265, 570-578.	2.0	34
161	Random forests for homogeneous and non-homogeneous Poisson processes with excess zeros. <i>Statistical Methods in Medical Research</i> , 2020, 29, 2217-2237.	0.7	6
162	Advanced Modeling to Predict Pneumonia in Combat Trauma Patients. <i>World Journal of Surgery</i> , 2020, 44, 2255-2262.	0.8	12
163	Use of QSAR Global Models and Molecular Docking for Developing New Inhibitors of c-src Tyrosine Kinase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 19.	1.8	23
164	Support Vector Machine Versus Random Forest for Remote Sensing Image Classification: A Meta-Analysis and Systematic Review. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 6308-6325.	2.3	401

#	ARTICLE	IF	CITATIONS
165	Warming-induced global soil carbon loss attenuated by downward carbon movement. <i>Global Change Biology</i> , 2020, 26, 7242-7254.	4.2	28
166	Explaining the travelling behaviour of migrants using Facebook audience estimates. <i>PLoS ONE</i> , 2020, 15, e0238947.	1.1	0
167	Spatio-Temporal Classification Framework for Mapping Woody Vegetation from Multi-Temporal Sentinel-2 Imagery. <i>Remote Sensing</i> , 2020, 12, 2845.	1.8	5
168	National Scale 3D Mapping of Soil pH Using a Data Augmentation Approach. <i>Remote Sensing</i> , 2020, 12, 2872.	1.8	25
169	Prediction of Leaf Wetness Duration Using Geostationary Satellite Observations and Machine Learning Algorithms. <i>Remote Sensing</i> , 2020, 12, 3076.	1.8	7
170	Monitoring the ecological status of rivers with diatom eDNA metabarcoding: A comparison of taxonomic markers and analytical approaches for the inference of a molecular diatom index. <i>Molecular Ecology</i> , 2021, 30, 2959-2968.	2.0	39
171	Machine learning-based prediction of activity and substrate specificity for OleA enzymes in the thiolase superfamily. <i>Synthetic Biology</i> , 2020, 5, .	1.2	27
172	Bioclimatic variables as important spatial predictors of soil hydraulic properties across Australia's agricultural region. <i>Geoderma Regional</i> , 2020, 23, e00344.	0.9	6
173	Blood RNA signatures predict recent tuberculosis exposure in mice, macaques and humans. <i>Scientific Reports</i> , 2020, 10, 16873.	1.6	4
174	VariantSpark: Cloud-based machine learning for association study of complex phenotype and large-scale genomic data. <i>GigaScience</i> , 2020, 9, .	3.3	10
175	Predicting personality from patterns of behavior collected with smartphones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17680-17687.	3.3	152
176	Study of Hellinger Distance as a splitting metric for Random Forests in balanced and imbalanced classification datasets. <i>Expert Systems With Applications</i> , 2020, 149, 113264.	4.4	10
177	Conditional permutation importance revisited. <i>BMC Bioinformatics</i> , 2020, 21, 307.	1.2	63
178	The Fusion of Spectral and Structural Datasets Derived from an Airborne Multispectral Sensor for Estimation of Pasture Dry Matter Yield at Paddock Scale with Time. <i>Remote Sensing</i> , 2020, 12, 2017.	1.8	25
179	Passive Sensing of Prediction of Moment-To-Moment Depressed Mood among Undergraduates with Clinical Levels of Depression Sample Using Smartphones. <i>Sensors</i> , 2020, 20, 3572.	2.1	74
180	Ontogeny of an interactive call-and-response system in Spix's disc-winged bats. <i>Animal Behaviour</i> , 2020, 166, 233-245.	0.8	7
181	Optimization of Tree Ensembles. <i>Operations Research</i> , 2020, 68, 1605-1624.	1.2	39
182	Gut Microbiota Predict Enterococcus Expansion but Not Vancomycin-Resistant Enterococcus Acquisition. <i>MSphere</i> , 2020, 5, .	1.3	11

#	ARTICLE	IF	CITATIONS
183	A random forest based biomarker discovery and power analysis framework for diagnostics research. BMC Medical Genomics, 2020, 13, 178.	0.7	43
184	Performance evaluation of machine learning-based infectious screening flags on the HORIBA Medical Yumizen H550 Haematology Analyzer for vivax malaria and dengue fever. Malaria Journal, 2020, 19, 429.	0.8	7
185	Developing and Validating Methods to Assemble Systemic Lupus Erythematosus Births in the Electronic Health Record. Arthritis Care and Research, 2022, 74, 849-857.	1.5	10
186	ALS as Tool to Study Preferred Stem Inclination Directions. Remote Sensing, 2020, 12, 3744.	1.8	2
187	Genome Wide Epistasis Study of On-Statin Cardiovascular Events with Iterative Feature Reduction and Selection. Journal of Personalized Medicine, 2020, 10, 212.	1.1	5
188	Machine Learning Model Comparison in the Screening of Cholangiocarcinoma Using Plasma Bile Acids Profiles. Diagnostics, 2020, 10, 551.	1.3	11
189	Evaluation of different methods and data sources to optimise modelling of NO2 at a global scale. Environment International, 2020, 142, 105856.	4.8	17
190	Predicting ambient PM2.5 concentrations in Ulaanbaatar, Mongolia with machine learning approaches. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 699-708.	1.8	14
191	Spatial Factorâ€™ Using a Random Forest Classification Model to Measure an Internationally Comparable Urbanity Index. Urban Science, 2020, 4, 36.	1.1	11
192	Predictive habitat suitability modeling of deep-sea framework-forming scleractinian corals in the Gulf of Mexico. Science of the Total Environment, 2020, 742, 140562.	3.9	20
193	Occupancy maps of 208 chromatin-associated proteins in one human cell type. Nature, 2020, 583, 720-728.	13.7	90
194	A methodology for calibration of building energy models at district scale using clustering and surrogate techniques. Energy and Buildings, 2020, 226, 110309.	3.1	31
195	A soil colour map of China. Geoderma, 2020, 379, 114556.	2.3	21
196	Articles with impact: insights into 10 years of research with machine learning. Journal of Applied Physiology, 2020, 129, 967-979.	1.2	8
197	Prediction of Suicide-Related Events by Analyzing Electronic Medical Records from PTSD Patients with Bipolar Disorder. Brain Sciences, 2020, 10, 784.	1.1	6
198	Impact of extreme weather conditions on European crop production in 2018. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190510.	1.8	138
199	Multilabel Classification With Multivariate Time Series Predictors. IEEE Transactions on Signal Processing, 2020, 68, 5696-5705.	3.2	1
200	Global terrestrial carbon fluxes of 1999â€™2019 estimated by upscaling eddy covariance data with a random forest. Scientific Data, 2020, 7, 313.	2.4	71

#	ARTICLE	IF	CITATIONS
201	Generalizing Gain Penalization for Feature Selection in Tree-Based Models. IEEE Access, 2020, 8, 190231-190239.	2.6	4
202	Effects of pain, sedation and delirium monitoring on clinical and economic outcome: A retrospective study. PLoS ONE, 2020, 15, e0234801.	1.1	7
203	Impacts of Dietary Nutritional Composition on Larval Development and Adult Body Composition in the Yellow Fever Mosquito ( <i>Aedes aegypti</i> ). Insects, 2020, 11, 535.	1.0	18
204	Imbalanced regression and extreme value prediction. Machine Learning, 2020, 109, 1803-1835.	3.4	42
205	Identifying faults in the building system based on model prediction and residuum analysis. E3S Web of Conferences, 2020, 172, 22001.	0.2	2
206	Whatâ€™s all that racket! Soundscapes, phenology, and biodiversity in estuaries. PLoS ONE, 2020, 15, e0236874.	1.1	11
207	Residual Analysis of Predictive Modelling Data for Automated Fault Detection in Buildingâ€™s Heating, Ventilation and Air Conditioning Systems. Sustainability, 2020, 12, 6758.	1.6	9
208	Summer warming explains widespread but not uniform greening in the Arctic tundra biome. Nature Communications, 2020, 11, 4621.	5.8	201
209	Identifying occupant presence in a room based on machine learning techniques by measuring indoor air conditions. E3S Web of Conferences, 2020, 172, 22005.	0.2	1
210	Short moan call reveals seasonal occurrence and diel-calling pattern of crabeater seals in the Weddell Sea, Antarctica. Bioacoustics, 2021, 30, 543-563.	0.7	11
211	Uncertainty in automated valuation models: Error-based versus model-based approaches. Journal of Property Research, 2020, 37, 308-339.	1.7	5
212	Identifying disease trajectories with predicate information from a knowledge graph. Journal of Biomedical Semantics, 2020, 11, 9.	0.9	4
213	Preliminary machine learning model for citrus greening disease (Huanglongbing-HLB) prediction in Colombia. , 2020, , .		1
214	Supporting elimination of lymphatic filariasis in Samoa by predicting locations of residual infection using machine learning and geostatistics. Scientific Reports, 2020, 10, 20570.	1.6	8
215	Completion Conditions and Response Behavior in Smartphone Surveys: A Prediction Approach Using Acceleration Data. Social Science Computer Review, 2020, , 089443932097123.	2.6	7
216	Screening of Multiple Biomarkers Associated With Ischemic Stroke in Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e018984.	1.6	37
217	Lipid metabolic signatures deviate in sepsis survivors compared to non-survivors. Computational and Structural Biotechnology Journal, 2020, 18, 3678-3691.	1.9	15
218	Inclusion of features derived from a mixture of time window sizes improved classification accuracy of machine learning algorithms for sheep grazing behaviours. Computers and Electronics in Agriculture, 2020, 179, 105857.	3.7	16

#	ARTICLE	IF	CITATIONS
219	Citizen science and habitat modelling facilitates conservation planning for crabeater seals in the Weddell Sea. <i>Diversity and Distributions</i> , 2020, 26, 1291-1304.	1.9	17
220	Comprehensive Genomic Investigation of Adaptive Mutations Driving the Low-Level Oxacillin Resistance Phenotype in <i>Staphylococcus aureus</i> . <i>MBio</i> , 2020, 11, .	1.8	27
221	CancerGram: An Effective Classifier for Differentiating Anticancer from Antimicrobial Peptides. <i>Pharmaceutics</i> , 2020, 12, 1045.	2.0	19
222	A Machine Learning-Based Approach for Spatial Estimation Using the Spatial Features of Coordinate Information. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 587.	1.4	8
223	Biased Gene Conversion Constrains Adaptation in <i>Arabidopsis thaliana</i> . <i>Genetics</i> , 2020, 215, 831-846.	1.2	15
224	Smooth Backfitting of Proportional Hazards With Multiplicative Components. <i>Journal of the American Statistical Association</i> , 2021, 116, 1983-1993.	1.8	2
225	Machine learning in space and time for modelling soil organic carbon change. <i>European Journal of Soil Science</i> , 2021, 72, 1607-1623.	1.8	53
226	Targeting Item-level Nuances Leads to Small but Robust Improvements in Personality Prediction from Digital Footprints. <i>European Journal of Personality</i> , 2020, 34, 873-884.	1.9	9
227	BIOMEX: an interactive workflow for (single cell) omics data interpretation and visualization. <i>Nucleic Acids Research</i> , 2020, 48, W385-W394.	6.5	43
228	A microbial <i>mandala</i> for environmental monitoring: Predicting multiple impacts on estuarine prokaryote communities of the Bay of Biscay. <i>Molecular Ecology</i> , 2021, 30, 2969-2987.	2.0	26
229	Dual Transcriptomic and Molecular Machine Learning Predicts all Major Clinical Forms of Drug Cardiotoxicity. <i>Frontiers in Pharmacology</i> , 2020, 11, 639.	1.6	15
230	Integrating QSAR models predicting acute contact toxicity and mode of action profiling in honey bees ( <i>A. mellifera</i> ): Data curation using open source databases, performance testing and validation. <i>Science of the Total Environment</i> , 2020, 735, 139243.	3.9	22
231	Stocks of paracetamol products stored in urban New Zealand households: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0233806.	1.1	1
232	Forecasting Crude Oil Market Crashes Using Machine Learning Technologies. <i>Energies</i> , 2020, 13, 2440.	1.6	16
233	Genome-Wide Association and Prediction of Traits Related to Salt Tolerance in Autotetraploid Alfalfa ( <i>Medicago sativa</i> L.). <i>International Journal of Molecular Sciences</i> , 2020, 21, 3361.	1.8	21
234	Integrating biological knowledge and gene expression data using pathway-guided random forests: a benchmarking study. <i>Bioinformatics</i> , 2020, 36, 4301-4308.	1.8	8
235	Estimating daily ground-level PM2.5 in China with random-forest-based spatiotemporal kriging. <i>Science of the Total Environment</i> , 2020, 740, 139761.	3.9	45
236	Random Forest Spatial Interpolation. <i>Remote Sensing</i> , 2020, 12, 1687.	1.8	117

#	ARTICLE	IF	CITATIONS
237	The performance of landslide susceptibility models critically depends on the quality of digital elevation models. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 1075-1092.	2.0	33
238	Comparing a Random Forest Based Prediction of Winter Wheat Yield to Historical Yield Potential. <i>Agronomy</i> , 2020, 10, 395.	1.3	17
239	Application of spectroscopic and multispectral imaging technologies on the assessment of ready-to-eat pineapple quality: A performance evaluation study of machine learning models generated from two commercial data analytics tools. <i>Computers and Electronics in Agriculture</i> , 2020, 175, 105529.	3.7	24
240	Stomatal response to decreased relative humidity constrains the acceleration of terrestrial evapotranspiration. <i>Environmental Research Letters</i> , 2020, 15, 094066.	2.2	18
241	Distribution and evolution of the major viruses infecting cucurbitaceous and solanaceous crops in the French Mediterranean area. <i>Virus Research</i> , 2020, 286, 198042.	1.1	27
242	Drivers of Agricultural Diversity in the Contiguous United States. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	12
243	Estimation of All-Weather 1 km MODIS Land Surface Temperature for Humid Summer Days. <i>Remote Sensing</i> , 2020, 12, 1398.	1.8	34
244	Analysing the impact of soil spatial sampling on the performances of Digital Soil Mapping models and their evaluation: A numerical experiment on Quantile Random Forest using clay contents obtained from Vis-NIR-SWIR hyperspectral imagery. <i>Geoderma</i> , 2020, 375, 114503.	2.3	35
245	Proteomic Screening for Prediction and Design of Antimicrobial Peptides with AmpGram. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4310.	1.8	59
246	Machine Learning-Guided Prediction of Antigen-Reactive In Silico Clonotypes Based on Changes in Clonal Abundance through Bio-Panning. <i>Biomolecules</i> , 2020, 10, 421.	1.8	6
247	Blind Source Separation for the Aggregation of Machine Learning Algorithms: An Arrhythmia Classification Case. <i>Electronics (Switzerland)</i> , 2020, 9, 425.	1.8	1
248	Computational Models Using Multiple Machine Learning Algorithms for Predicting Drug Hepatotoxicity with the DILIrank Dataset. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2114.	1.8	23
249	Forecasting severe grape downy mildew attacks using machine learning. <i>PLoS ONE</i> , 2020, 15, e0230254.	1.1	33
250	Stable Isotopic Evidence of Mixotrophy in Xylophagoids, Deep-Sea Wood-Boring Bivalves. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	11
251	Multi-task convolutional neural networks outperformed random forest for mapping soil particle size fractions in central Iran. <i>Geoderma</i> , 2020, 376, 114552.	2.3	59
252	Using Clickstream Data to Improve Flash Sales Effectiveness. <i>Production and Operations Management</i> , 2020, 29, 2508-2531.	2.1	14
253	Using machine learning to assess the predictive potential of standardized nursing data for home healthcare case-mix classification. <i>European Journal of Health Economics</i> , 2020, 21, 1121-1129.	1.4	1
254	Estimation of Hourly near Surface Air Temperature Across Israel Using an Ensemble Model. <i>Remote Sensing</i> , 2020, 12, 1741.	1.8	13

#	ARTICLE	IF	CITATIONS
255	Mid-season empirical cotton yield forecasts at fine resolutions using large yield mapping datasets and diverse spatial covariates. <i>Agricultural Systems</i> , 2020, 184, 102894.	3.2	31
256	Potential Added Value of PET/CT Radiomics for Survival Prognostication beyond AJCC 8th Edition Staging in Oropharyngeal Squamous Cell Carcinoma. <i>Cancers</i> , 2020, 12, 1778.	1.7	36
257	Cultural Consensus Theory for the evaluation of patients' mental health scores in forensic psychiatric hospitals. <i>Journal of Mathematical Psychology</i> , 2020, 98, 102383.	1.0	3
258	Finding hotspots: development of an adaptive spatial sampling approach. <i>Scientific Reports</i> , 2020, 10, 10939.	1.6	17
259	Seasonal acoustic occurrence, diel vocalizing patterns and biodeck call type composition of Antarctic minke whales off the west coast of South Africa and the Maud Rise, Antarctica. <i>Marine Mammal Science</i> , 2020, 36, 658-675.	0.9	25
260	Application of Machine Learning to support production planning of a food industry in the context of waste generation under uncertainty. <i>Operations Research Perspectives</i> , 2020, 7, 100147.	1.2	37
261	Growing Random Forests reveals that exposure and proficiency best account for individual variability in L2 (and L1) brain potentials for syntax and semantics. <i>Brain and Language</i> , 2020, 204, 104770.	0.8	13
262	Reliable solar irradiance prediction using ensemble learning-based models: A comparative study. <i>Energy Conversion and Management</i> , 2020, 208, 112582.	4.4	77
263	A multi-resolution air temperature model for France from MODIS and Landsat thermal data. <i>Environmental Research</i> , 2020, 183, 109244.	3.7	30
264	Using GPS tracking to understand the impact of management interventions on visitor densities and bird populations. <i>Applied Geography</i> , 2020, 116, 102154.	1.7	5
265	Weighted Random Forests to Improve Arrhythmia Classification. <i>Electronics (Switzerland)</i> , 2020, 9, 99.	1.8	23
266	Bacterial communities' taxonomic and functional turnovers both accurately predict marine benthic ecological quality status. <i>Environmental DNA</i> , 2020, 2, 175-183.	3.1	22
267	A Machine Learning Approach for Detecting Unemployment Using the Smart Metering Infrastructure. <i>IEEE Access</i> , 2020, 8, 22525-22536.	2.6	17
268	Mapping global variation in dengue transmission intensity. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	131
269	Using Accelerometer and GPS Data for Real-Life Physical Activity Type Detection. <i>Sensors</i> , 2020, 20, 588.	2.1	28
270	Who Wins the Game of Thrones? How Sentiments Improve the Prediction of Candidate Choice. , 2020, , .		0
271	Harmonized Landsat 8 and Sentinel-2 Time Series Data to Detect Irrigated Areas: An Application in Southern Italy. <i>Remote Sensing</i> , 2020, 12, 1275.	1.8	12
272	Estimating Current and Future Rainfall Erosivity in Greece Using Regional Climate Models and Spatial Quantile Regression Forests. <i>Water (Switzerland)</i> , 2020, 12, 687.	1.2	19



#	ARTICLE	IF	CITATIONS
273	A framework for the predictive mapping of forest soil properties in mountain areas. <i>Geoderma</i> , 2020, 371, 114383.	2.3	11
274	Lakes at Risk of Chloride Contamination. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6639-6650.	4.6	43
275	Comparing Machine Learning Models and Hybrid Geostatistical Methods Using Environmental and Soil Covariates for Soil pH Prediction. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 276.	1.4	17
276	Counting Mixed Breeding Aggregations of Animal Species Using Drones: Lessons from Waterbirds on Semi-Automation. <i>Remote Sensing</i> , 2020, 12, 1185.	1.8	39
277	Discrete-time survival forests with Hellinger distance decision trees. <i>Data Mining and Knowledge Discovery</i> , 2020, 34, 812-832.	2.4	8
278	Employees recruitment: A prescriptive analytics approach via machine learning and mathematical programming. <i>Decision Support Systems</i> , 2020, 134, 113290.	3.5	101
279	A multi-city air pollution population exposure study: Combined use of chemical-transport and random-Forest models with dynamic population data. <i>Science of the Total Environment</i> , 2020, 724, 138102.	3.9	45
280	Application of random forest based approaches to surface-enhanced Raman scattering data. <i>Scientific Reports</i> , 2020, 10, 5436.	1.6	42
281	Wind Power Prediction Using Ensemble Learning-Based Models. <i>IEEE Access</i> , 2020, 8, 61517-61527.	2.6	54
282	Soil Color and Mineralogy Mapping Using Proximal and Remote Sensing in Midwest Brazil. <i>Remote Sensing</i> , 2020, 12, 1197.	1.8	25
283	A nuanced quantile random forest approach for fast prediction of a stochastic marine flooding simulator applied to a macrotidal coastal site. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 867-890.	1.9	9
284	Methodological challenges in translational drug response modeling in cancer: A systematic analysis with FORESEE. <i>PLoS Computational Biology</i> , 2020, 16, e1007803.	1.5	9
285	Estimating near-surface air temperature across Israel using a machine learning based hybrid approach. <i>International Journal of Climatology</i> , 2020, 40, 6106-6121.	1.5	29
286	Contrasting land use legacy effects on forest landscape dynamics in the Italian Alps and the Apennines. <i>Landscape Ecology</i> , 2020, 35, 2679-2694.	1.9	34
287	A conversational recommender system for diagnosis using fuzzy rules. <i>Expert Systems With Applications</i> , 2020, 154, 113449.	4.4	23
288	A two-step modelling approach to map the occurrence and quantity of soil inorganic carbon. <i>Geoderma</i> , 2020, 371, 114382.	2.3	13
289	Supervised machine learning is superior to indicator value inference in monitoring the environmental impacts of salmon aquaculture using eDNA metabarcodes. <i>Molecular Ecology</i> , 2021, 30, 2988-3006.	2.0	47
290	New Downscaling Approach Using ESA CCI SM Products for Obtaining High Resolution Surface Soil Moisture. <i>Remote Sensing</i> , 2020, 12, 1119.	1.8	16

#	ARTICLE	IF	CITATIONS
291	How to compare sampling designs for mapping?. <i>European Journal of Soil Science</i> , 2021, 72, 35-46.	1.8	17
292	Mapping the Risk Terrain for Crime Using Machine Learning. <i>Journal of Quantitative Criminology</i> , 2021, 37, 445-480.	2.0	43
293	Retail sales forecasting with meta-learning. <i>European Journal of Operational Research</i> , 2021, 288, 111-128.	3.5	74
294	Using shared sell-through data to forecast wholesaler demand in multi-echelon supply chains. <i>European Journal of Operational Research</i> , 2021, 288, 466-479.	3.5	20
295	Super ensemble learning for daily streamflow forecasting: large-scale demonstration and comparison with multiple machine learning algorithms. <i>Neural Computing and Applications</i> , 2021, 33, 3053-3068.	3.2	85
296	Confounder selection strategies targeting stable treatment effect estimators. <i>Statistics in Medicine</i> , 2021, 40, 607-630.	0.8	7
297	Computational strategies to combat COVID-19: useful tools to accelerate SARS-CoV-2 and coronavirus research. <i>Briefings in Bioinformatics</i> , 2021, 22, 642-663.	3.2	110
298	Whatâ€™s hot and whatâ€™s not: Making sense of biodiversity â€™hotspotsâ€™. <i>Global Change Biology</i> , 2021, 27, 521-535.	4.2	7
299	Utilizing black-box visualization tools to interpret non-parametric real-time risk assessment models. <i>Transportmetrica A: Transport Science</i> , 2021, 17, 739-765.	1.3	17
300	Optimal subset selection for causal inference using machine learning ensembles and particle swarm optimization. <i>Complex &amp; Intelligent Systems</i> , 2021, 7, 41-59.	4.0	9
301	Improved Outcome Prediction Across Data Sources Through Robust Parameter Tuning. <i>Journal of Classification</i> , 2021, 38, 212-231.	1.2	5
302	How to Find New Industry Partners for Public Research: A Classification Approach. <i>IEEE Transactions on Engineering Management</i> , 2021, 68, 1214-1231.	2.4	4
303	Prediction of post-radiotherapy locoregional progression in HPV-associated oropharyngeal squamous cell carcinoma using machine-learning analysis of baseline PET/CT radiomics. <i>Translational Oncology</i> , 2021, 14, 100906.	1.7	19
304	Derivation With Internal Validation of a Multivariable Predictive Model to Predict COVID-19 Test Results in Emergency Department Patients. <i>Academic Emergency Medicine</i> , 2021, 28, 206-214.	0.8	16
305	The strength and form of natural selection on transcript abundance in the wild. <i>Molecular Ecology</i> , 2021, 30, 2724-2737.	2.0	11
306	IRAKA: The first Colombian soil information system with digital soil mapping products. <i>Catena</i> , 2021, 196, 104940.	2.2	5
307	Predicting likelihood of in vivo chemotherapy response in canine lymphoma using ex vivo drug sensitivity and immunophenotyping data in a machine learning model. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 160-171.	0.8	7
308	Functional Ensemble Survival Tree: Dynamic Prediction of Alzheimerâ€™s Disease Progression Accommodating Multiple Time-Varying Covariates. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 66-79.	0.5	9

#	ARTICLE	IF	CITATIONS
309	Meteorological normalisation of PM10 using machine learning reveals distinct increases of nearby source emissions in the Australian mining town of Moranbah. <i>Atmospheric Pollution Research</i> , 2021, 12, 23-35.	1.8	15
310	Using sentinel-2 satellite imagery to develop microphytobenthos-based water quality indices in estuaries. <i>Ecological Indicators</i> , 2021, 121, 107184.	2.6	15
311	Harvesting spatially dense legacy soil datasets for digital soil mapping of available water capacity in Southern France. <i>Geoderma Regional</i> , 2021, 24, e00353.	0.9	3
312	Insect-plant relationships predict the speed of insecticide adaptation. <i>Evolutionary Applications</i> , 2021, 14, 290-296.	1.5	10
313	When Does Dispute Resolution Substitute for a Reputation System? Empirical Evidence from a Service Procurement Platform. <i>Production and Operations Management</i> , 2021, 30, 1565-1582.	2.1	7
314	Sequential Aggregation of Probabilistic Forecasts—Application to Wind Speed Ensemble Forecasts. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 202-225.	0.5	10
315	Evaluation of different water absorption bands, indices and multivariate models for water-deficit stress monitoring in rice using visible-near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119104.	2.0	24
316	An ecological approach to climate change-informed tree species selection for reforestation. <i>Forest Ecology and Management</i> , 2021, 481, 118705.	1.4	22
317	Large-scale benchmark study of survival prediction methods using multi-omics data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	53
318	Predicting affective appraisals from facial expressions and physiology using machine learning. <i>Behavior Research Methods</i> , 2021, 53, 574-592.	2.3	3
319	3D LiDAR Map Compression for Efficient Localization on Resource Constrained Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 837-852.	4.7	20
320	Integrating Molecular Graph Data of Drugs and Multiple -Omic Data of Cell Lines for Drug Response Prediction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 710-717.	1.9	6
322	Bacterial symbiont subpopulations have different roles in a deep-sea symbiosis. <i>ELife</i> , 2021, 10, .	2.8	17
323	Northwest range shifts and shorter wintering period of an Arctic seabird in response to four decades of changing ocean climate. <i>Marine Ecology - Progress Series</i> , 2021, 679, 163-179.	0.9	11
324	Two-Step Meta-Learning for Time-Series Forecasting Ensemble. <i>IEEE Access</i> , 2021, 9, 62687-62696.	2.6	7
325	Emulators of a Physical Model for Estimating Leaf Wetness Duration. <i>Agronomy</i> , 2021, 11, 216.	1.3	5
326	Summer weather conditions influence winter survival of honey bees ( <i>Apis mellifera</i> ) in the northeastern United States. <i>Scientific Reports</i> , 2021, 11, 1553.	1.6	43
327	Using machine learning for model benchmarking and forecasting of depletion-induced seismicity in the Groningen gas field. <i>Computational Geosciences</i> , 2021, 25, 529-551.	1.2	4

#	ARTICLE	IF	CITATIONS
328	Determination of Surface Precipitation Type Based on the Data Fusion Approach. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 387-399.	1.9	6
329	Implications of Bioenergy Cropping for Soil: Remote Sensing Identification of Silage Maize Cultivation and Risk Assessment Concerning Soil Erosion and Compaction. <i>Land</i> , 2021, 10, 128.	1.2	2
330	SIRUS: Stable and Interpretable Rule Set for classification. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.4	20
331	A unified machine learning approach to time series forecasting applied to demand at emergency departments. <i>BMC Emergency Medicine</i> , 2021, 21, 9.	0.7	26
332	A General Machine Learning Framework for Survival Analysis. <i>Lecture Notes in Computer Science</i> , 2021, , 158-173.	1.0	8
333	Modelling Beach Litter Accumulation on Mediterranean Coastal Landscapes: An Integrative Framework Using Species Distribution Models. <i>Land</i> , 2021, 10, 54.	1.2	5
334	Size sound symbolism in the English lexicon. <i>Glossa</i> , 2021, 6, .	0.2	29
335	Effects of Training Set Size on Supervised Machine-Learning Land-Cover Classification of Large-Area High-Resolution Remotely Sensed Data. <i>Remote Sensing</i> , 2021, 13, 368.	1.8	67
336	Assessing Spillover Effects of Spatial Policies with Semiparametric Zero-Inflated Models and Random Forests. , 2021, , 319-338.		0

337

#	ARTICLE	IF	CITATIONS
347	Geospatial Modeling of Nitrogen and Carbon Content and Stock in the Forest Litter Horizons Based on Sentinel-2 Multi-Seasonal Satellite Imagery. <i>Eurasian Soil Science</i> , 2021, 54, 176-188.	0.5	2
348	Machine Learning Reveals Time-Varying Microbial Predictors with Complex Effects on Glucose Regulation. <i>MSystems</i> , 2021, 6, .	1.7	13
349	Meteorological normalization of NO <sub>2</sub> concentrations in the Province of Bolzano (Italian Alps). <i>Atmospheric Environment</i> , 2021, 246, 118048.	1.9	14
350	multiclassPairs: an R package to train multiclass pair-based classifier. <i>Bioinformatics</i> , 2021, 37, 3043-3044.	1.8	7
352	Bacteria have numerous distinctive groups of phage-plasmids with conserved phage and variable plasmid gene repertoires. <i>Nucleic Acids Research</i> , 2021, 49, 2655-2673.	6.5	91
354	Potential of Sentinel-1 C-Band Time Series to Derive Structural Parameters of Temperate Deciduous Forests. <i>Remote Sensing</i> , 2021, 13, 798.	1.8	14
355	Field Geometry and the Spatial and Temporal Generalization of Crop Classification Algorithms—A Randomized Approach to Compare Pixel Based and Convolution Based Methods. <i>Remote Sensing</i> , 2021, 13, 775.	1.8	6
356	Machine learning and design of experiments with an application to product innovation in the chemical industry. <i>Journal of Applied Statistics</i> , 2022, 49, 2674-2699.	0.6	12
357	Bioavailable Strontium, Human Paleogeography, and Migrations in the Southern Andes: A Machine Learning and GIS Approach. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
358	An individualized treatment rule to optimize probability of remission by continuation, switching, or combining antidepressant medications after failing a first-line antidepressant in a two-stage randomized trial. <i>Psychological Medicine</i> , 2022, 52, 3371-3380.	2.7	4
359	Swine growth promotion with antibiotics or alternatives can increase antibiotic resistance gene mobility potential. <i>Scientific Reports</i> , 2021, 11, 5485.	1.6	35
360	Bayesian additive regression trees with model trees. <i>Statistics and Computing</i> , 2021, 31, 1.	0.8	9
361	Earth Observation and Biodiversity Big Data for Forest Habitat Types Classification and Mapping. <i>Remote Sensing</i> , 2021, 13, 1231.	1.8	18
362	Spatial-temporal prediction of ambient nitrogen dioxide and ozone levels over Italy using a Random Forest model for population exposure assessment. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 817-829.	1.5	15
363	A unified haplotype-based method for accurate and comprehensive variant calling. <i>Nature Biotechnology</i> , 2021, 39, 885-892.	9.4	56
364	Evaluation Procedures for Forecasting with Spatiotemporal Data. <i>Mathematics</i> , 2021, 9, 691.	1.1	9
365	Correlations between <sup>7</sup> Be, <sup>210</sup> Pb, dust and PM <sub>10</sub> concentrations in relation to meteorological conditions in northern Poland in 1998–2018. <i>Journal of Environmental Radioactivity</i> , 2021, 228, 106526.	0.9	8
367	Error Prediction of Air Quality at Monitoring Stations Using Random Forest in a Total Error Framework. <i>Sensors</i> , 2021, 21, 2160.	2.1	10

#	ARTICLE	IF	CITATIONS
368	Analysis of Travel Mode Choice in Seoul Using an Interpretable Machine Learning Approach. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-13.	0.9	18
369	An Accelerated Approach to Parallel Ensemble Techniques Targeting Healthcare and Environmental Applications. , 2021, , .		0
370	Variable influences of soil and seed-associated bacterial communities on the assembly of seedling microbiomes. <i>ISME Journal</i> , 2021, 15, 2748-2762.	4.4	63
371	Effects of Bark Beetle Outbreaks on Forest Landscape Pattern in the Southern Rocky Mountains, U.S.A.. <i>Remote Sensing</i> , 2021, 13, 1089.	1.8	17
372	RaFIO. , 2021, , .		1
373	Performance of statistical and machine learning-based methods for predicting biogeographical patterns of fungal productivity in forest ecosystems. <i>Forest Ecosystems</i> , 2021, 8, .	1.3	11
376	Real-time crash prediction for a long low-traffic volume corridor using corrected-impurity importance and semi-parametric generalized additive model. <i>Journal of Transportation Safety and Security</i> , 2022, 14, 1165-1200.	1.1	18
377	A first-generation pediatric cancer dependency map. <i>Nature Genetics</i> , 2021, 53, 529-538.	9.4	76
378	Why hate carbon taxes? Machine learning evidence on the roles of personal responsibility, trust, revenue recycling, and other factors across 23 European countries. <i>Energy Research and Social Science</i> , 2021, 73, 101883.	3.0	63
379	Quantitative Prediction of Interactions in Bipartite Networks Based on Traits, Abundances, and Phylogeny. <i>American Naturalist</i> , 2022, 199, 841-854.	1.0	8
380	Classification of Molecular Subtypes of High-Grade Serous Ovarian Cancer by MALDI-Imaging. <i>Cancers</i> , 2021, 13, 1512.	1.7	14
381	African soil properties and nutrients mapped at 30m spatial resolution using two-scale ensemble machine learning. <i>Scientific Reports</i> , 2021, 11, 6130.	1.6	103
382	Statistical Postprocessing for Weather Forecasts: Review, Challenges, and Avenues in a Big Data World. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E681-E699.	1.7	106
383	Visibility Prediction over South Korea Based on Random Forest. <i>Atmosphere</i> , 2021, 12, 552.	1.0	16
384	Using machine learning to link spatiotemporal information to biological processes in the ocean: a case study for North Sea cod recruitment. <i>Marine Ecology - Progress Series</i> , 2021, 664, 1-22.	0.9	5
385	A Machine Learning Technique for Spatial Interpolation of Solar Radiation Observations. <i>Earth and Space Science</i> , 2021, 8, e2020EA001527.	1.1	13
386	A phenomapping-derived tool to personalize the selection of anatomical vs. functional testing in evaluating chest pain (ASSIST). <i>European Heart Journal</i> , 2021, 42, 2536-2548.	1.0	17
387	Accurate cancer phenotype prediction with AKLIMATE, a stacked kernel learner integrating multimodal genomic data and pathway knowledge. <i>PLoS Computational Biology</i> , 2021, 17, e1008878.	1.5	8

#	ARTICLE	IF	CITATIONS
388	Predicting the animal hosts of coronaviruses from compositional biases of spike protein and whole genome sequences through machine learning. <i>PLoS Pathogens</i> , 2021, 17, e1009149.	2.1	20
389	Identification of novel inhibitors of Keap1/Nrf2 by a promising method combining protein-protein interaction-oriented library and machine learning. <i>Scientific Reports</i> , 2021, 11, 7420.	1.6	9
390	Global Prediction of Soil Saturated Hydraulic Conductivity Using Random Forest in a Covariate-Based GeoTransfer Function (CoGTF) Framework. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002242.	1.3	28
391	A Novel Ensemble Machine Learning Approach for Bioarchaeological Sex Prediction. <i>Technologies</i> , 2021, 9, 23.	3.0	4
392	A high-resolution daily gridded meteorological dataset for Serbia made by Random Forest Spatial Interpolation. <i>Scientific Data</i> , 2021, 8, 123.	2.4	11
393	Spatial and temporal variations of greenhouse gas emissions from a waste stabilization pond: Effects of sludge distribution and accumulation. <i>Water Research</i> , 2021, 193, 116858.	5.3	12
394	Predicting Water Stress in Wild Blueberry Fields Using Airborne Visible and Near Infrared Imaging Spectroscopy. <i>Remote Sensing</i> , 2021, 13, 1425.	1.8	7
395	Estimating fishing effort in small-scale fisheries using GPS tracking data and random forests. <i>Ecological Indicators</i> , 2021, 123, 107321.	2.6	37
397	Predicting Under- and Overperforming SKUs within the Distribution-Market Share Relationship. <i>Journal of Retailing</i> , 2021, 97, 697-714.	4.0	10
398	Lexical analyses of the function and phonology of Papuan Malay word stress. <i>Phonetica</i> , 2021, 78, 141-168.	0.3	4
400	Integrating Towed Underwater Video and Multibeam Acoustics for Marine Benthic Habitat Mapping and Fish Population Estimation. <i>Geosciences (Switzerland)</i> , 2021, 11, 176.	1.0	7
401	Optimization of Imminent Labor Prediction Systems in Women with Threatened Preterm Labor Based on Electrohysterography. <i>Sensors</i> , 2021, 21, 2496.	2.1	6
402	Household COVID-19 risk and in-person schooling. <i>Science</i> , 2021, 372, 1092-1097.	6.0	162
403	Comparison of Spaceborne and UAV-Borne Remote Sensing Spectral Data for Estimating Monsoon Crop Vegetation Parameters. <i>Sensors</i> , 2021, 21, 2886.	2.1	7
404	Artificial Intelligence-Based Diagnosis of Diabetes Mellitus: Combining Fundus Photography with Traditional Chinese Medicine Diagnostic Methodology. <i>BioMed Research International</i> , 2021, 2021, 1-7.	0.9	11
405	A machine learning based modelling framework to predict nitrate leaching from agricultural soils across the Netherlands. <i>Environmental Research Communications</i> , 2021, 3, 045002.	0.9	13
406	Artificial Intelligence: the Application of Machine Learning and Predictive Analytics in Credit Risk. <i>Risk Management Magazine</i> , 2021, 16, 19-29.	0.2	0
408	The Translational Machine: A novel machine learning approach to illuminate complex genetic architectures. <i>Genetic Epidemiology</i> , 2021, 45, 485-536.	0.6	0

#	ARTICLE	IF	CITATIONS
409	Characteristics of preoperative steroid profiles and glucose metabolism in patients with primary aldosteronism developing adrenal insufficiency after adrenalectomy. <i>Scientific Reports</i> , 2021, 11, 11181.	1.6	6
411	Estimating Farm Wheat Yields from NDVI and Meteorological Data. <i>Agronomy</i> , 2021, 11, 946.	1.3	24
413	Modeling riparian species occurrence from historical surveys to guide restoration planning in northwestern USA. <i>Ecosphere</i> , 2021, 12, e03525.	1.0	1
414	Empirical model for forecasting sugarcane yield on a local scale in Brazil using Landsat imagery and random forest algorithm. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106063.	3.7	21
415	Detection of Drug-Drug and Drug-Disease Interactions Inducing Acute Kidney Injury Using Deep Rule Forests. <i>SN Computer Science</i> , 2021, 2, 1.	2.3	2
416	Incorporating space and time into random forest models for analyzing geospatial patterns of drug-related crime incidents in a major U.S. metropolitan area. <i>Computers, Environment and Urban Systems</i> , 2021, 87, 101599.	3.3	18
417	SURVFIT: Doubly sparse rule learning for survival data. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103691.	2.5	6
418	Selection of nitrogen responsive root architectural traits in spinach using machine learning and genetic correlations. <i>Scientific Reports</i> , 2021, 11, 9536.	1.6	18
419	Clinical risk prediction models and informative cluster size: Assessing the performance of a suicide risk prediction algorithm. <i>Biometrical Journal</i> , 2021, 63, 1375-1388.	0.6	4
420	Combining Regional Habitat Selection Models for Large-Scale Prediction: Circumpolar Habitat Selection of Southern Ocean Humpback Whales. <i>Remote Sensing</i> , 2021, 13, 2074.	1.8	19
421	Stroke risk prediction using machine learning: a prospective cohort study of 0.5 million Chinese adults. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1719-1727.	2.2	29
422	Diagnostic and prognostic capabilities of a biomarker and EMR-based machine learning algorithm for sepsis. <i>Clinical and Translational Science</i> , 2021, 14, 1578-1589.	1.5	12
424	A random forest-based algorithm for data-intensive spatial interpolation in crop yield mapping. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106094.	3.7	22
425	Knockout of immunotherapy prognostic marker genes eliminates the effect of the anti-PD-1 treatment. <i>Npj Precision Oncology</i> , 2021, 5, 37.	2.3	4
426	Modeling elevated blood lead level risk across the United States. <i>Science of the Total Environment</i> , 2021, 769, 145237.	3.9	19
427	MOCCA: a flexible suite for modelling DNA sequence motif occurrence combinatorics. <i>BMC Bioinformatics</i> , 2021, 22, 234.	1.2	1
428	Identifying and Mapping Groups of Protected Area Visitors by Environmental Awareness. <i>Land</i> , 2021, 10, 560.	1.2	7
429	Identifying dominant environmental predictors of freshwater wetland methane fluxes across diurnal to seasonal time scales. <i>Global Change Biology</i> , 2021, 27, 3582-3604.	4.2	59



#	ARTICLE	IF	CITATIONS
430	Predicting body weight in growing pigs from feeding behavior data using machine learning algorithms. <i>Computers and Electronics in Agriculture</i> , 2021, 184, 106085.	3.7	19
431	Back to the fields? Increased agricultural land greenness after a COVID-19 lockdown. <i>Environmental Research Communications</i> , 2021, 3, 051007.	0.9	2
432	Predicting intraspecific trait variation among California's grasses. <i>Journal of Ecology</i> , 2021, 109, 2662-2677.	1.9	14
433	An Explainable Multimodal Neural Network Architecture for Predicting Epilepsy Comorbidities Based on Administrative Claims Data. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 610197.	2.0	11
434	Analytical guidelines to increase the value of community science data: An example using eBird data to estimate species distributions. <i>Diversity and Distributions</i> , 2021, 27, 1265-1277.	1.9	121
435	Uncertainty assessment of soil available water capacity using error propagation: A test in Languedoc-Roussillon. <i>Geoderma</i> , 2021, 391, 114968.	2.3	10
436	Transparency, auditability, and explainability of machine learning models in credit scoring. <i>Journal of the Operational Research Society</i> , 2022, 73, 70-90.	2.1	49
437	Long-Term Hindcasts of Wheat Yield in Fields Using Remotely Sensed Phenology, Climate Data and Machine Learning. <i>Remote Sensing</i> , 2021, 13, 2435.	1.8	10
438	Forecasting military mental health in a complete sample of Danish military personnel deployed between 1992-2013. <i>Journal of Affective Disorders</i> , 2021, 288, 167-174.	2.0	7
439	Global land characterisation using land cover fractions at 100m resolution. <i>Remote Sensing of Environment</i> , 2021, 259, 112409.	4.6	25
440	Anthropogenic disturbance favours generalist over specialist parasites in bird communities: Implications for risk of disease emergence. <i>Ecology Letters</i> , 2021, 24, 1859-1868.	3.0	15
441	Seasonality of agricultural exposure as an important predictor of seasonal yellow fever spillover in Brazil. <i>Nature Communications</i> , 2021, 12, 3647.	5.8	15
442	Adaptive Batching for Fast Packet Processing in Software Routers using Machine Learning. , 2021, , .		0
443	Global prevalence of non-perennial rivers and streams. <i>Nature</i> , 2021, 594, 391-397.	13.7	221
444	SoilGrids 2.0: producing soil information for the globe with quantified spatial uncertainty. <i>Soil</i> , 2021, 7, 217-240.	2.2	511
445	Crop Nitrogen Retrieval Methods for Simulated Sentinel-2 Data Using In-Field Spectrometer Data. <i>Remote Sensing</i> , 2021, 13, 2404.	1.8	10
446	Optimally Weighted Ensembles in Model-Based Regression for Drug Discovery. , 2021, , .		0
447	Gender separation and the speech community: Rhoticity in early 20th century Southland New Zealand English. <i>Language Variation and Change</i> , 2021, 33, 245-266.	0.3	6

#	ARTICLE	IF	CITATIONS
448	Data-driven and interpretable machine-learning modeling to explore the fine-scale environmental determinants of malaria vectors biting rates in rural Burkina Faso. <i>Parasites and Vectors</i> , 2021, 14, 345.	1.0	12
449	Hyperspectral band selection and modeling of soil organic matter content in a forest using the Ranger algorithm. <i>PLoS ONE</i> , 2021, 16, e0253385.	1.1	11
450	Lung adenocarcinoma and lung squamous cell carcinoma cancer classification, biomarker identification, and gene expression analysis using overlapping feature selection methods. <i>Scientific Reports</i> , 2021, 11, 13323.	1.6	60
451	Scanner data in inflation measurement: From raw data to price indices. <i>Statistical Journal of the IAOS</i> , 2021, 37, 1315-1336.	0.2	5
452	Biased resampling strategies for imbalanced spatio-temporal forecasting. <i>International Journal of Data Science and Analytics</i> , 2021, 12, 205-228.	2.4	4
453	Open-source Tools in R for Landscape Ecology. <i>Current Landscape Ecology Reports</i> , 2021, 6, 97-111.	1.1	8
454	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. <i>Microbiome</i> , 2021, 9, 132.	4.9	37
455	Digital mapping of soil texture in ecoforest polygons in Quebec, Canada. <i>PeerJ</i> , 2021, 9, e11685.	0.9	3
456	Continental-scale controls on soil organic carbon across sub-Saharan Africa. <i>Soil</i> , 2021, 7, 305-332.	2.2	30
457	Identifying Health Status in Grazing Dairy Cows from Milk Mid-Infrared Spectroscopy by Using Machine Learning Methods. <i>Animals</i> , 2021, 11, 2154.	1.0	7
458	Landscape Changes in the Southern Coalfields of West Virginia: Multi-Level Intensity Analysis and Surface Mining Transitions in the Headwaters of the Coal River from 1976 to 2016. <i>Land</i> , 2021, 10, 748.	1.2	5
459	RaFAH: Host prediction for viruses of Bacteria and Archaea based on protein content. <i>Patterns</i> , 2021, 2, 100274.	3.1	53
460	Organism-specific training improves performance of linear B-cell epitope prediction. <i>Bioinformatics</i> , 2021, 37, 4826-4834.	1.8	11
461	The importance of spatial configuration of neighbouring land cover for explanation of surface temperature of individual patches in urban landscapes. <i>Landscape Ecology</i> , 2021, 36, 3117-3136.	1.9	6
462	Co-occurrence Strength and Transitivity Effects on Spanish Clitic Case Variation With Reverse-Psychological Predicates. <i>Frontiers in Psychology</i> , 2021, 12, 712959.	1.1	1
463	Prediction of long-term survival after gastrectomy using random survival forests. <i>British Journal of Surgery</i> , 2021, 108, 1341-1350.	0.1	11
464	Differences in the eyelid and buccal microbiome between open-angle glaucoma and uveitic glaucoma. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	5
465	Spring phenology drives range shifts in a migratory Arctic ungulate with key implications for the future. <i>Global Change Biology</i> , 2021, 27, 4546-4563.	4.2	12

#	ARTICLE	IF	CITATIONS
466	<i>&lt;i&gt;AIPW&lt;/i&gt;</i> : An R Package for Augmented Inverse Probabilityâ€“Weighted Estimation of Average Causal Effects. <i>American Journal of Epidemiology</i> , 2021, 190, 2690-2699.	1.6	17
467	Biological knowledge-slanted random forest approach for the classification of calcified aortic valve stenosis. <i>BioData Mining</i> , 2021, 14, 35.	2.2	2
469	Analysis of Changes in Pollutant Concentrations Levels Using a Meteorological Normalisation Technique Based on a Machine Learning Algorithm. <i>Environmental Sciences Proceedings</i> , 2021, 8, .	0.3	0
470	Onset of effects of non-pharmaceutical interventions on COVID-19 infection rates in 176 countries. <i>BMC Public Health</i> , 2021, 21, 1472.	1.2	20
471	Machine learning model accurately predict maize grain yields in conservation agriculture systems in Southern Africa. , 2021, , .		4
472	Distal femoral replacement â€“ Does length matter? Mid-term results for distal femoral replacements. <i>Knee</i> , 2021, 31, 97-109.	0.8	3
473	Mixtures of airborne lidar-based approaches improve predictions of forest structure. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1106-1116.	0.8	8
474	Using multimarker screening to identify biomarkers associated with cardiovascular death in patients with atrial fibrillation. <i>Cardiovascular Research</i> , 2022, 118, 2112-2123.	1.8	18
475	Modelling of Chinese corporate bond default â€“ A machine learning approach. <i>Accounting and Finance</i> , 2021, 61, 6147-6191.	1.7	5
476	Age and gender in language, emoji, and emoticon usage in instant messages. <i>Computers in Human Behavior</i> , 2022, 126, 106990.	5.1	18
477	Distribution models using semi-structured community science data outperform unstructured-data models for a data-poor species, the Plain Tyrannulet. <i>Condor</i> , 2021, 123, .	0.7	4
478	Predicting ecosystem responses by dataâ€“driven reciprocal modelling. <i>Global Change Biology</i> , 2021, 27, 5670-5679.	4.2	4
479	Multiplex protein screening of biomarkers associated with major bleeding in patients with atrial fibrillation treated with oral anticoagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2726-2737.	1.9	17
480	Measuring reflectance of tiny organisms: The promise of species level biocrust remote sensing. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2174-2183.	2.2	2
481	A Sort-Seq Approach to the Development of Single Fluorescent Protein Biosensors. <i>ACS Chemical Biology</i> , 2021, 16, 1709-1720.	1.6	8
482	Fully automated detection of paramagnetic rims in multiple sclerosis lesions on 3T susceptibility-based MR imaging. <i>NeuroImage: Clinical</i> , 2021, 32, 102796.	1.4	10
483	Predicting subsurface sonar observations with satellite-derived ocean surface data in the California Current Ecosystem. <i>PLoS ONE</i> , 2021, 16, e0248297.	1.1	2
484	Microbial community succession on submerged vertebrate carcasses in a tidal river habitat: Implications for aquatic forensic investigations. <i>Journal of Forensic Sciences</i> , 2021, 66, 2307-2318.	0.9	6

#	ARTICLE	IF	CITATIONS
485	Silas: A high-performance machine learning foundation for logical reasoning and verification. <i>Expert Systems With Applications</i> , 2021, 176, 114806.	4.4	10
486	Genome-environment association methods comparison supports omnigenic adaptation to ecological niche in malaria vector mosquitoes. <i>Molecular Ecology</i> , 2021, 30, 6468-6485.	2.0	11
488	It's the Weather: Quantifying the Impact of Weather on Retail Sales. <i>Applied Spatial Analysis and Policy</i> , 2022, 15, 189-214.	1.0	17
489	Early Prediction of Multiple Organ Dysfunction in the Pediatric Intensive Care Unit. <i>Frontiers in Pediatrics</i> , 2021, 9, 711104.	0.9	10
490	Testing conditional independence in supervised learning algorithms. <i>Machine Learning</i> , 2021, 110, 2107-2129.	3.4	14
491	The Distribution of Soil Micro-Nutrients and the Effects on Herbage Micro-Nutrient Uptake and Yield in Three Different Pasture Systems. <i>Agronomy</i> , 2021, 11, 1731.	1.3	1
492	Probabilistic urban water demand forecasting using wavelet-based machine learning models. <i>Journal of Hydrology</i> , 2021, 600, 126358.	2.3	28
493	A novel ensemble-based conceptual-data-driven approach for improved streamflow simulations. <i>Environmental Modelling and Software</i> , 2021, 143, 105094.	1.9	33
494	Automated imbalanced classification via meta-learning. <i>Expert Systems With Applications</i> , 2021, 178, 115011.	4.4	8
495	Parsing Fabry Disease Metabolic Plasticity Using Metabolomics. <i>Journal of Personalized Medicine</i> , 2021, 11, 898.	1.1	3
496	Comparing the reliability of relative bird abundance indices from standardized surveys and community science data at finer resolutions. <i>PLoS ONE</i> , 2021, 16, e0257226.	1.1	9
498	Ice matters: Life-history strategies of two Antarctic seals dictate climate change eventualities in the Weddell Sea. <i>Global Change Biology</i> , 2021, 27, 6252-6262.	4.2	10
499	Environmental DNA gives comparable results to morphology-based indices of macroinvertebrates in a large-scale ecological assessment. <i>PLoS ONE</i> , 2021, 16, e0257510.	1.1	25
500	Exploring Drugs and Vaccines Associated with Altered Risks and Severity of COVID-19: A UK Biobank Cohort Study of All ATC Level-4 Drug Categories Reveals Repositioning Opportunities. <i>Pharmaceutics</i> , 2021, 13, 1514.	2.0	16
501	Genetic dissection of complex traits using hierarchical biological knowledge. <i>PLoS Computational Biology</i> , 2021, 17, e1009373.	1.5	1
502	Machine Learning Predicts the Presence of 2,4,6-Trinitrotoluene in Sediments of a Baltic Sea Munitions Dumpsite Using Microbial Community Compositions. <i>Frontiers in Microbiology</i> , 2021, 12, 626048.	1.5	6
504	Kinematics and observer-animator kinematic similarity predict mental state attribution from Heider's Simmel style animations. <i>Scientific Reports</i> , 2021, 11, 18266.	1.6	4
505	Time-course changes in the ionic profiles of rice leaves and their application in growth stage prediction. <i>Crop Science</i> , 2021, 61, 4239-4254.	0.8	2

#	ARTICLE	IF	CITATIONS
506	A comparative study of forest methods for time-to-event data: variable selection and predictive performance. <i>BMC Medical Research Methodology</i> , 2021, 21, 193.	1.4	3
507	Integrative Predictive Modeling of Metastasis in Melanoma Cancer Based on MicroRNA, mRNA, and DNA Methylation Data. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 637355.	1.6	5
508	Estimation and mapping of surface soil properties in the Caucasus Mountains, Azerbaijan using high-resolution remote sensing data. <i>Geoderma Regional</i> , 2021, 26, e00411.	0.9	12
509	Individual vocal signatures show reduced complexity following invasion. <i>Animal Behaviour</i> , 2021, 179, 15-39.	0.8	7
510	FP-ADMET: a compendium of fingerprint-based ADMET prediction models. <i>Journal of Cheminformatics</i> , 2021, 13, 75.	2.8	39
511	Identifying crop yield gaps with site- and season-specific data-driven models of yield potential. <i>Precision Agriculture</i> , 0, , 1.	3.1	1
512	Evolutionary drivers of the hump-shaped latitudinal gradient of benthic polychaete species richness along the Southeastern Pacific coast. <i>PeerJ</i> , 2021, 9, e12010.	0.9	10
513	Automated Raman Micro-Spectroscopy of Epithelial Cell Nuclei for High-Throughput Classification. <i>Cancers</i> , 2021, 13, 4767.	1.7	8
514	Climate-induced outbreaks in high-elevation pines are driven primarily by immigration of bark beetles from historical hosts. <i>Global Change Biology</i> , 2021, 27, 5786-5805.	4.2	5
515	Performance of linear mixed models and random forests for spatial prediction of soil pH. <i>Geoderma</i> , 2021, 397, 115079.	2.3	24
516	Estimating monthly concentrations of ambient key air pollutants in Japan during 2010–2015 for a national-scale birth cohort. <i>Environmental Pollution</i> , 2021, 284, 117483.	3.7	6
517	Benchmark of filter methods for feature selection in high-dimensional gene expression survival data. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	57
518	Claims-based algorithms for common chronic conditions were efficiently constructed using machine learning methods. <i>PLoS ONE</i> , 2021, 16, e0254394.	1.1	0
520	Enhancing Understanding of the Hydrological Cycle via Pairing of Process-Oriented and Isotope Ratio Tracers. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002648.	1.3	7
522	Long-Term Nitrate Trajectories Vary by Season in Western European Catchments. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB007050.	1.9	10
523	Suicide prediction among men and women with depression: A population-based study. <i>Journal of Psychiatric Research</i> , 2021, 142, 275-282.	1.5	17
524	Health and related economic benefits associated with reduction in air pollution during COVID-19 outbreak in 367 cities in China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112481.	2.9	17
525	How can lenders prosper? Comparing machine learning approaches to identify profitable peer-to-peer loan investments. <i>European Journal of Operational Research</i> , 2021, 294, 711-722.	3.5	19

#	ARTICLE	IF	CITATIONS
527	Predictive soil mapping using historic bare soil composite imagery and legacy soil survey data. <i>Geoderma</i> , 2021, 401, 115316.	2.3	20
528	Gaussian Markov random fields improve ensemble predictions of daily 1Åkm PM2.5 and PM10 across France. <i>Atmospheric Environment</i> , 2021, 264, 118693.	1.9	11
529	Digital soil mapping of coarse fragments in southwest Australia: Targeting simple features yields detailed maps. <i>Geoderma</i> , 2021, 404, 115282.	2.3	1
530	Combining laboratory measurements and proximal soil sensing data in digital soil mapping approaches. <i>Catena</i> , 2021, 207, 105702.	2.2	7
531	Urban soils as a spatial indicator of quality for urban socio-ecological systems. <i>Journal of Environmental Management</i> , 2021, 300, 113556.	3.8	4
532	Integrating airborne and mobile lidar data with UAV photogrammetry for rapid assessment of changing forest snow depth and cover. <i>Science of Remote Sensing</i> , 2021, 4, 100029.	2.2	10
533	An integrated approach for the evaluation of quantitative soil maps through Taylor and solar diagrams. <i>Geoderma</i> , 2022, 405, 115332.	2.3	15
534	Using Spatial Validity and Uncertainty Metrics to Determine the Relative Suitability of Alternative Suites of Oceanographic Data for Seabed Biotope Prediction. A Case Study from the Barents Sea, Norway. <i>Geosciences (Switzerland)</i> , 2021, 11, 48.	1.0	10
535	Imputing Satellite-Derived Aerosol Optical Depth Using a Multi-Resolution Spatial Model and Random Forest for PM2.5 Prediction. <i>Remote Sensing</i> , 2021, 13, 126.	1.8	18
536	Updated European hydraulic pedotransfer functions with communicated uncertainties in the predicted variables (eupfv2). <i>Geoscientific Model Development</i> , 2021, 14, 151-175.	1.3	23
537	Knowledge Transfer in Commercial Feature Extraction for the Retail Store Location Problem. <i>IEEE Access</i> , 2021, 9, 132967-132979.	2.6	2
538	A Novel Epigenetic Machine Learning Model to Define Risk of Progression for Hepatocellular Carcinoma Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1075.	1.8	6
539	Summer circumpolar acoustic occurrence and call rates of Ross, <i>Ommatophoca rossii</i> , and leopard, <i>Hydrurga leptonyx</i> , seals in the Southern Ocean. <i>Polar Biology</i> , 2021, 44, 433-450.	0.5	5
540	Spatial and evolutionary predictability of phytochemical diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	63
541	Grapevine Microbiota Reflect Diversity among Compartments and Complex Interactions within and among Root and Shoot Systems. <i>Microorganisms</i> , 2021, 9, 92.	1.6	29
542	A fundamental measure of treatment effect heterogeneity. <i>Journal of Causal Inference</i> , 2021, 9, 83-108.	0.5	3
543	kernInt: A Kernel Framework for Integrating Supervised and Unsupervised Analyses in Spatio-Temporal Metagenomic Datasets. <i>Frontiers in Microbiology</i> , 2021, 12, 609048.	1.5	9
544	Wild bees as winners and losers: Relative impacts of landscape composition, quality, and climate. <i>Global Change Biology</i> , 2021, 27, 1250-1265.	4.2	48

#	ARTICLE	IF	CITATIONS
545	Explaining predictive models using Shapley values and non-parametric vine copulas. Dependence Modeling, 2021, 9, 62-81.	0.2	5
546	A Comparison of Random Forest Methods for Solving the Problem of Pulsar Search. Lecture Notes in Intelligent Transportation and Infrastructure, 2020, , 796-807.	0.3	5
547	Multiscale groundwater level forecasting: Coupling new machine learning approaches with wavelet transforms. Advances in Water Resources, 2020, 141, 103595.	1.7	109
548	Catchment-scale 3D mapping of depth to soil sodicity constraints through combining public and on-farm soil databases – A potential tool for on-farm management. Geoderma, 2020, 374, 114396.	2.3	13
549	Digital Footprints of Sensation Seeking. Zeitschrift Fur Psychologie / Journal of Psychology, 2018, 226, 232-245.	0.7	24
550	Predictive Modeling With Psychological Panel Data. Zeitschrift Fur Psychologie / Journal of Psychology, 2018, 226, 246-258.	0.7	7
551	Satellites can reveal global extent of forced labor in the world’s fishing fleet. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42
565	Predicting eye movement and fixation patterns on scenic images using Machine Learning for Children with Autism Spectrum Disorder. , 2020, , .		2
566	Healthcare Expenditure Prediction with Neighbourhood Variables – A Random Forest Model. Statistics, Politics, and Policy, 2020, 11, 111-138.	0.2	11
567	Predictive features of gene expression variation reveal mechanistic link with differential expression. Molecular Systems Biology, 2020, 16, e9539.	3.2	42
568	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. Aging, 2019, 11, 6312-6335.	1.4	13
569	shapr: An R-package for explaining machine learning models with dependence-aware Shapley values. Journal of Open Source Software, 2019, 5, 2027.	2.0	11
570	Subsampled Factor Models for Asset Pricing: The Rise of Vasa. SSRN Electronic Journal, 0, , .	0.4	3
571	Intergovernmental engagement on health impacts of climate change. Bulletin of the World Health Organization, 2021, 99, 102-111B.	1.5	10
572	MODELING DISTRIBUTION OF SAURY CATCHES IN RELATION WITH ENVIRONMENTAL FACTORS. Izvestiya Tinro, 0, 199, 193-213.	0.2	3
573	Machine learning analyses of bacterial oligonucleotide frequencies to assess the benthic impact of aquaculture. Aquaculture Environment Interactions, 2020, 12, 131-137.	0.7	6
574	Acoustic seasonality, behaviour and detection ranges of Antarctic blue and fin whales under different sea ice conditions off Antarctica. Endangered Species Research, 2020, 43, 21-37.	1.2	20
575	Clicking throughout the year: sperm whale clicks in relation to environmental conditions off the west coast of South Africa. Endangered Species Research, 2020, 43, 475-494.	1.2	8

#	ARTICLE	IF	CITATIONS
576	Machine Learning Algorithms for Prediction of the Quality of Transmission in Optical Networks. <i>Entropy</i> , 2021, 23, 7.	1.1	16
577	Using machine learning to derive cloud condensation nuclei number concentrations from commonly available measurements. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12853-12869.	1.9	9
578	Evaluation of random forests and Prophet for daily streamflow forecasting. <i>Advances in Geosciences</i> , 0, 45, 201-208.	12.0	61
579	A synthetic map of the north-west European Shelf sedimentary environment for applications in marine science. <i>Earth System Science Data</i> , 2018, 10, 109-130.	3.7	56
580	Oblique geographic coordinates as covariates for digital soil mapping. <i>Soil</i> , 2020, 6, 269-289.	2.2	39
581	From categories to gradient: Auto-coding sociophonetic variation with random forests. <i>Laboratory Phonology</i> , 2020, 11, .	0.3	15
583	Constitutive activation of cellular immunity underlies the evolution of resistance to infection in <i>Drosophila</i> . <i>ELife</i> , 2020, 9, .	2.8	27
584	Global mapping of potential natural vegetation: an assessment of machine learning algorithms for estimating land potential. <i>PeerJ</i> , 2018, 6, e5457.	0.9	94
585	Handling Correlations in Random Forests: which Impacts on Variable Importance and Model Interpretability?. , 2021, , .		2
586	High-Level Machine Learning Framework for Sports Events Ticket Sales Prediction. , 2021, , .		2
587	Soil Organic Carbon Modelling with Digital Soil Mapping and Remote Sensing for Permanently Vegetated Areas. , 2021, , .		2
588	A meta-analysis study of the robustness and universality of gut microbiome-metabolome associations. <i>Microbiome</i> , 2021, 9, 203.	4.9	35
589	Intraoperative DNA methylation classification of brain tumors impacts neurosurgical strategy. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab149.	0.4	23
591	Twenty-four-hour cloud cover calculation using a ground-based imager with machine learning. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6695-6710.	1.2	6
592	Predicting coronavirus disease (COVID-19) outcomes in the United States early in the epidemic. <i>Preventive Medicine Reports</i> , 2021, 24, 101624.	0.8	0
593	Cell and type heterogeneity of signaling networks: insights from the crowd. <i>Molecular Systems Biology</i> , 2021, 17, e10402.	3.2	9
594	Major effect loci for plant size before onset of nitrogen fixation allow accurate prediction of yield in white clover. <i>Theoretical and Applied Genetics</i> , 2022, 135, 125-143.	1.8	4
595	Mapping high resolution National Soil Information Grids of China. <i>Science Bulletin</i> , 2022, 67, 328-340.	4.3	161



#	ARTICLE	IF	CITATIONS
596	Detection and quantification of broadleaf weeds in turfgrass using close-range multispectral imagery with pixel- and object-based classification. <i>International Journal of Remote Sensing</i> , 2021, 42, 8035-8055.	1.3	4
597	Not just form, not just meaning: Words with consistent form-meaning mappings are learned earlier. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 1464-1482.	0.6	3
598	Ensemble learning to predict opioid-related overdose using statewide prescription drug monitoring program and hospital discharge data in the state of Tennessee. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 29, 22-32.	2.2	9
599	Integrative Metabolomics Reveals Deep Tissue and Systemic Metabolic Remodeling in Glioblastoma. <i>Cancers</i> , 2021, 13, 5157.	1.7	9
600	Explainable machine learning models of major crop traits from satellite-monitored continent-wide field trial data. <i>Nature Plants</i> , 2021, 7, 1354-1363.	4.7	27
601	The Relationship between Satellite-Derived Vegetation Indices and Live Weight Changes of Beef Cattle in Extensive Grazing Conditions. <i>Remote Sensing</i> , 2021, 13, 4132.	1.8	7
603	Spatial interpolation of coal properties using geographic quantile regression forest. <i>International Journal of Coal Geology</i> , 2021, 248, 103869.	1.9	6
604	Diversity Forests: Using Split Sampling to Enable Innovative Complex Split Procedures in Random Forests. <i>SN Computer Science</i> , 2022, 3, 1.	2.3	19
605	Evaluating the Efficacy of Acoustic Metrics for Understanding Baleen Whale Presence in the Western North Atlantic Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	0
607	Discrimination between schools and submerged trees in reservoirs: A preliminary approach using narrowband and broadband acoustics. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , .	0.7	2
608	Global migration is driven by the complex interplay between environmental and social factors. <i>Environmental Research Letters</i> , 2021, 16, 114019.	2.2	15
609	Determining the contribution of environmental factors in controlling dust pollution during cold and warm months of western Iran using different data mining algorithms and game theory. <i>Ecological Indicators</i> , 2021, 132, 108287.	2.6	15
612	Automatic Liver Tumor Characterization Using LAVA DCE-MRI Images. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 388-395.	0.5	0
614	FASTER TREES: STRATEGIES FOR ACCELERATED TRAINING AND PREDICTION OF RANDOM FORESTS FOR CLASSIFICATION OF POLSAR IMAGES. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-3, 105-112.	0.0	1
615	The Contingent Complementary Benefits of Dispute Resolution and Reputation Systems: Evidence from a Service Procurement Platform. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
616	Adaptive Objective Functions and Distance Metrics for Recommendation Systems. <i>Lecture Notes in Computer Science</i> , 2019, , 608-621.	1.0	0
618	USING TEXT MINING AND RANDOM FORESTS FOR AUTHOR IDENTIFICATION. THE CASE OF CLARIVATE WEB OF SCIENCE DATABASE. , 2019, , .		0
623	Machine Learning and Combinatorial Optimization to Detect Gene-gene Interactions in Genome-wide Real Data: Looking Through the Prism of Four Methods and Two Protocols. <i>Communications in Computer and Information Science</i> , 2020, , 139-169.	0.4	0

#	ARTICLE	IF	CITATIONS
624	scTree: An R package to generate antibody-compatible classifiers from single-cell sequencing data. <i>Journal of Open Source Software</i> , 2020, 5, 2061.	2.0	2
627	How to cultivate a green decision tree without loss of accuracy?. , 2020, , .		2
629	<p class="Body"><strong>Under pressure: predation risk defining mating investment in matured spider mite <em>Tetranychus urticae</em></strong></p>. <i>Systematic and Applied Acarology</i> , 2020, 25, 1359-1372.	0.5	3
630	Modelling species presence-only data with random forests. <i>Ecography</i> , 2021, 44, 1731-1742.	2.1	77
632	Mapping soil depth in southern pampas Argentina using ancillary data and statistical learning. <i>Soil Science Society of America Journal</i> , 2022, 86, 65-78.	1.2	2
633	Comprehensive marine substrate classification applied to Canada's Pacific shelf. <i>PLoS ONE</i> , 2021, 16, e0259156.	1.1	6
634	Identify Key Determinants of Contraceptive Use for Sexually Active Young People: A Hybrid Ensemble of Machine Learning Methods. <i>Children</i> , 2021, 8, 968.	0.6	3
635	A Text Mining Approach in the Classification of Free-Text Cancer Pathology Reports from the South African National Health Laboratory Services. <i>Information (Switzerland)</i> , 2021, 12, 451.	1.7	6
636	“An Eye for an Aye”: linguistic and political backlash and conformity in eighteenth-century Scots. <i>Journal of Historical Sociolinguistics</i> , 2021, 7, 243-282.	0.1	0
637	Investigating the spatial distribution of antimony geochemical anomalies located in the Yunnan-Guizhou-Guangxi region, China. <i>Chemie Der Erde</i> , 2021, 81, 125829.	0.8	2
638	Using Machine Learning to Predict Patterns of Employment and Day Program Participation. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2021, 126, 477-491.	0.8	3
639	Hybrid modelling of random forests and kriging with sentinel-2A multispectral imagery to determine urban brightness temperatures with high resolution. <i>International Journal of Remote Sensing</i> , 2021, 42, 2174-2202.	1.3	3
640	Monotonic effects of characteristics on returns. <i>Annals of Applied Statistics</i> , 2020, 14, .	0.5	3
641	Uncovering host-microbiome interactions in global systems with collaborative programming: a novel approach integrating social and data sciences. <i>F1000Research</i> , 0, 9, 1478.	0.8	0
642	Development of Phenotyping Algorithms for the Identification of Organ Transplant Recipients: Cohort Study. <i>JMIR Medical Informatics</i> , 2020, 8, e18001.	1.3	4
643	Prediction of Soil Properties by Visible and Near-Infrared Reflectance Spectroscopy. <i>Eurasian Soil Science</i> , 2020, 53, 1760-1772.	0.5	9
644	PrediÃ§Ã£o de sinistros agrÃcolas: uma abordagem comparativa utilizando aprendizagem de mÃquina. <i>Economia Aplicada</i> , 2020, 24, 533-554.	0.1	1
645	Spatial analysis leveraging machine learning and GIS of socio-geographic factors affecting cost overrun occurrence in roadway projects. <i>Automation in Construction</i> , 2022, 133, 104007.	4.8	4

#	ARTICLE	IF	CITATIONS
646	National-scale 3D mapping of soil organic carbon in a Japanese forest considering microtopography and tephra deposition. <i>Geoderma</i> , 2022, 406, 115534.	2.3	10
647	Nowcasting Unemployment Rates with Smartphone GPS Data. <i>Lecture Notes in Computer Science</i> , 2020, , 21-33.	1.0	4
648	A Linguistic Perspective on Reference: Choosing a Feature Set for Generating Referring Expressions in Context. , 2020, , .		1
649	Random Forests. <i>Springer Texts in Statistics</i> , 2020, , 233-295.	3.8	2
650	Constructing and predicting school advice for academic achievement. , 2020, , .		3
653	A highly predictive autoantibody-based biomarker panel for prognosis in early-stage NSCLC with potential therapeutic implications. <i>British Journal of Cancer</i> , 2022, 126, 238-246.	2.9	24
654	Evaluating the heterogeneous effect of a modifiable risk factor on suicide: The case of vitamin D deficiency. <i>International Journal of Methods in Psychiatric Research</i> , 2021, , e1897.	1.1	5
655	Machine Learning Uncovers Aerosol Size Information From Chemistry and Meteorology to Quantify Potential Cloud-Forming Particles. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	7
656	Using Machine Learning to Predict Primary Care and Advance Workforce Research. <i>Annals of Family Medicine</i> , 2020, 18, 334-340.	0.9	4
657	TRAP: a predictive framework for the Assessment of Performance in Trail Running. <i>Journal of Quantitative Analysis in Sports</i> , 2021, 17, 129-143.	0.5	0
662	Identifying pathfinder elements for gold in bulk-rock geochemical data from the Cripple Creek Au-Te deposit: a statistical approach. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2021, 21, .	0.5	4
663	Psych predicates in European languages. <i>STUF - Language Typology and Universals</i> , 2020, 73, 483-523.	0.2	2
664	Optimized data-driven pipeline for digital mapping of quantitative and categorical properties of soils in Colombia. <i>Revista Brasileira De Ciencia Do Solo</i> , 2021, 45, .	0.5	0
665	Seasonal and interannual drought responses of vegetation in a California urbanized area measured using complementary remote sensing indices. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 183, 178-195.	4.9	13
666	Machine learning approaches to characterize the obesogenic urban exposome. <i>Environment International</i> , 2022, 158, 107015.	4.8	20
668	Predicting Out-of-Stock Using Machine Learning: An Application in a Retail Packaged Foods Manufacturing Company. <i>Electronics (Switzerland)</i> , 2021, 10, 2787.	1.8	4
670	Improving random forest predictions in small datasets from two-phase sampling designs. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 322.	1.5	26
671	Profit uplift modeling for direct marketing campaigns: approaches and applications for online shops. <i>Journal of Business Economics</i> , 2022, 92, 645-673.	1.3	3

#	ARTICLE	IF	CITATIONS
672	Multifactorial seroprofiling dissects the contribution of pre-existing human coronaviruses responses to SARS-CoV-2 immunity. <i>Nature Communications</i> , 2021, 12, 6703.	5.8	36
673	The clinical and functional outcomes of a large naturalistic cohort of young people accessing national early psychosis services. <i>Australian and New Zealand Journal of Psychiatry</i> , 2022, 56, 1265-1276.	1.3	6
674	A comparison of rule-based and centroid single-sample multiclass predictors for transcriptomic classification. <i>Bioinformatics</i> , 2022, 38, 1022-1029.	1.8	17
675	Development and validation of machine learning models for the prediction of blunt cerebrovascular injury in children. <i>Journal of Pediatric Surgery</i> , 2022, 57, 732-738.	0.8	4
678	Southwestern ponderosa pine forest patterns following wildland fires managed for resource benefit differ from reference landscapes. <i>Landscape Ecology</i> , 2022, 37, 285-304.	1.9	2
679	Habitat model forecasts suggest potential redistribution of marine predators in the southern Indian Ocean. <i>Diversity and Distributions</i> , 2022, 28, 142-159.	1.9	10
680	Defining Recovery Potential in River Restoration: A Biological Data-Driven Approach. <i>Water (Switzerland)</i> , 2021, 13, 3339.	1.2	1
681	MetaComNet: A random forest-based framework for making spatial predictions of plant-pollinator interactions. <i>Methods in Ecology and Evolution</i> , 2022, 13, 500-513.	2.2	7
682	Learning to Classify DWDM Optical Channels from Tiny and Imbalanced Data. <i>Entropy</i> , 2021, 23, 1504.	1.1	1
683	Legacies of past human activities on one of the largest old-growth forests in the south-east European mountains. <i>Vegetation History and Archaeobotany</i> , 0, , 1.	1.0	3
684	What makes a good prediction? Feature importance and beginning to open the black box of machine learning in genetics. <i>Human Genetics</i> , 2022, 141, 1515-1528.	1.8	18
685	Robust building energy consumption forecasting using an online learning approach with R ranger. <i>Journal of Building Engineering</i> , 2022, 47, 103851.	1.6	21
686	Can Information About Jobs Improve the Effectiveness of Vocational Training? Experimental Evidence from India. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
687	Planting Fast-Growing Forest by Leveraging the Asymmetric Read/Write Latency of NVRAM-Based Systems. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2022, 41, 3304-3317.	1.9	0
688	Seasonal variation in the phenology of Atlantic tarpon in the Florida Keys: migration, occupancy, repeatability, and management implications. <i>Marine Ecology - Progress Series</i> , 2022, 684, 133-155.	0.9	11
689	Exploring relationships between in-hospital mortality and hospital case volume using random forest: results of a cohort study based on a nationwide sample of German hospitals, 2016-2018. <i>BMC Health Services Research</i> , 2022, 22, 1.	0.9	54
690	Using fish community and population indicators to assess the biological condition of streams and rivers of the Chesapeake Bay watershed, USA. <i>Ecological Indicators</i> , 2022, 134, 108488.	2.6	4
691	Conducting Causal Analysis by Means of Approximating Probabilistic Truths. <i>Entropy</i> , 2022, 24, 92.	1.1	2

#	ARTICLE	IF	CITATIONS
692	Metabolomic Alteration in the Plasma of Wild Rodents Environmentally Exposed to Lead: A Preliminary Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 541.	1.2	9
693	Cross-species prediction of essential genes in insects. <i>Bioinformatics</i> , 2022, 38, 1504-1513.	1.8	4
694	Determination of the geographical origin of hazelnuts ( <i>Corylus avellana</i> L.) by Near-Infrared spectroscopy (NIR) and a Low-Level Fusion with nuclear magnetic resonance (NMR). <i>Microchemical Journal</i> , 2022, 174, 107066.	2.3	21
695	Overcoming the ordinal imbalanced data problem by combining data processing and stacked generalizations. <i>Machine Learning With Applications</i> , 2022, 7, 100241.	3.0	0
696	Tier 4 maps of soil pH at 25Åm resolution for the Netherlands. <i>Geoderma</i> , 2022, 410, 115659.	2.3	17
697	Measurement error-filtered machine learning in digital soil mapping. <i>Spatial Statistics</i> , 2022, 47, 100572.	0.9	11
698	Improving the Accuracy and Transparency of Underwriting with Artificial Intelligence to Transform the Lifeâ€nsurance Industry. <i>AI Magazine</i> , 2020, 41, 78-93.	1.4	9
701	A Comparative Analysis of Tree-Based Models for Day-Ahead Solar Irradiance Forecasting. , 2021, , .		5
702	Towards Model-informed Precision Dosing with Expert-in-the-loop Machine Learning. , 2021, , .		1
703	H2020 OSMOSE Project: The Italian demonstrator. Testing flexibilities resources in a coordinated approach. , 2021, , .		2
704	An innovative algorithm for the power loads forecasting in Italian transmission grid: development and main results of the PREVEL software of Osmose project. , 2021, , .		2
705	Combining Machine Learning and Numerical Simulation for High-Resolution PM<sub>2.5</sub> Concentration Forecast. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1544-1556.	4.6	19
706	Transition to invasive breast cancer is associated with progressive changes in the structure and composition of tumor stroma. <i>Cell</i> , 2022, 185, 299-310.e18.	13.5	161
707	Parsimonious statistical learning models for low-flow estimation. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 129-148.	1.9	8
708	A multi-step machine learning approach to assess the impact of COVID-19 lockdown on NO2 attributable deaths in Milan and Rome, Italy. <i>Environmental Health</i> , 2022, 21, 17.	1.7	5
710	The effect of commercial scale processing on trace element concentrations in shrimp muscle tissue â€“ A preliminary study from two processors in Thailand and Ecuador. <i>Journal of Food Composition and Analysis</i> , 2022, 108, 104442.	1.9	2
711	RFtest: A Robust and Flexible Community-Level Test for Microbiome Data Powerfully Detects Phylogenetically Clustered Signals. <i>Frontiers in Genetics</i> , 2021, 12, 749573.	1.1	5
712	KIR gene content imputation from single-nucleotide polymorphisms in the Finnish population. <i>PeerJ</i> , 2022, 10, e12692.	0.9	1

#	ARTICLE	IF	CITATIONS
713	What Do Local Government Education Managers Do to Boost Learning Outcomes?. World Bank Economic Review, 2022, 36, 629-645.	1.4	1
714	Trilled /r/ is associated with roughness, linking sound and touch across spoken languages. Scientific Reports, 2022, 12, 1035.	1.6	17
715	Greenhouse gas dynamics in an urbanized river system: influence of water quality and land use. Environmental Science and Pollution Research, 2022, 29, 37277-37290.	2.7	11
716	The Gap-Closing Estimand: A Causal Approach to Study Interventions That Close Disparities Across Social Categories. Sociological Methods and Research, 0, , 004912412110557.	4.3	10
718	The bacterial density of clinical rectal swabs is highly variable, correlates with sequencing contamination, and predicts patient risk of extraintestinal infection. Microbiome, 2022, 10, 2.	4.9	8
720	Impact of In-Situ Density Spatial Model Methods on Resource Tonnages in Highly Intruded Coal Deposits. Natural Resources Research, 2022, 31, 499.	2.2	0
721	Improving Forecasts of Sockeye Salmon ( <i>Oncorhynchus nerka</i> ) with Parametric and Non-Parametric Models. Canadian Journal of Fisheries and Aquatic Sciences, 0, , .	0.7	0
722	Prediction of Physical Frailty in Orthogeriatric Patients Using Sensor Insole-Based Gait Analysis and Machine Learning Algorithms: Cross-sectional Study. JMIR Medical Informatics, 2022, 10, e32724.	1.3	6
723	Machine Learning Applied to Omics Datasets Predicts Mortality in Patients with Alcoholic Hepatitis. Metabolites, 2022, 12, 41.	1.3	6
724	Sparse Bayesian predictive modelling of tumour response using radiomic features. Stat, 2022, 11, .	0.3	0
725	Image-Based Automated Recognition of 31 Poaceae Species: The Most Relevant Perspectives. Frontiers in Plant Science, 2021, 12, 804140.	1.7	10
726	Zero-preserving imputation of single-cell RNA-seq data. Nature Communications, 2022, 13, 192.	5.8	93
727	Exploring the Local Determinants of SARS-CoV-2 Transmission and Control via an Exposure-Based Model. Environmental Science & Technology, 2022, 56, 1801-1810.	4.6	0
728	Imperfect slope measurements drive overestimation in a geometric cone model of lake and reservoir depth. Inland Waters, 2022, 12, 283-293.	1.1	3
729	Interpretation of Convolutional Neural Networks for Acid Sulfate Soil Classification. Frontiers in Environmental Science, 2022, 9, .	1.5	14
730	Toward a Robust, Impact-Based, Predictive Drought Metric. Water Resources Research, 2022, 58, .	1.7	10
731	Interplay between historical and current features of the cityscape in shaping the genetic structure of the house mouse ( <i>Mus musculus domesticus</i> ) in Dakar (Senegal, West Africa). , 0, 2, .		5
732	SECURE-GEGELATI Always-On Intrusion Detection through GEGELATI Lightweight Tangled Program Graphs. Journal of Signal Processing Systems, 2022, 94, 753-770.	1.4	2

#	ARTICLE	IF	CITATIONS
733	Climatic factors dominate the spatial patterns of urban green space coverage in the contiguous United States. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 107, 102691.	1.4	3
734	Landscape predictions of western balsam bark beetle activity implicate warm temperatures, a longer growing season, and drought in widespread irruptions across British Columbia. <i>Forest Ecology and Management</i> , 2022, 508, 120047.	1.4	7
735	Quantitative methods for descriptive intersectional analysis with binary health outcomes. <i>SSM - Population Health</i> , 2022, 17, 101032.	1.3	23
736	Multiple brace root phenotypes promote anchorage and limit root lodging in maize. <i>Plant, Cell and Environment</i> , 2022, 45, 1573-1583.	2.8	16
737	The comparative importance of mental and physical disorders for health-related days out of role in the general population of Saudi Arabia. <i>BMC Public Health</i> , 2022, 22, 289.	1.2	1
738	Climate and demography drive 7000 years of dietary change in the Central Andes. <i>Scientific Reports</i> , 2022, 12, 2026.	1.6	11
739	Patterns of eukaryotic diversity from the surface to the deep-ocean sediment. <i>Science Advances</i> , 2022, 8, eabj9309.	4.7	52
740	Plant sizes and shapes above and belowground and their interactions with climate. <i>New Phytologist</i> , 2022, 235, 1032-1056.	3.5	45
741	Cannabinoid and substance relationships of European congenital anomaly patterns: a space-time panel regression and causal inferential study. <i>Environmental Epigenetics</i> , 2022, 8, dvab015.	0.9	21
742	Drivers of phytoplankton responses to summer wind events in a stratified lake: A modeling study. <i>Limnology and Oceanography</i> , 2022, 67, 856-873.	1.6	8
743	Phenomapping-Derived Tool to Individualize the Effect of Canagliflozin on Cardiovascular Risk in Type 2 Diabetes. <i>Diabetes Care</i> , 2022, 45, 965-974.	4.3	13
745	A comprehensive framework for assessing the accuracy and uncertainty of global above-ground biomass maps. <i>Remote Sensing of Environment</i> , 2022, 272, 112917.	4.6	48
746	Dynamic modeling of the effects of vegetation management on weather-related power outages. <i>Electric Power Systems Research</i> , 2022, 207, 107840.	2.1	14
747	Weighted Cox regression for the prediction of heterogeneous patient subgroups. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 342.	1.5	1
748	A Consolidated Database of Police-Reported Motor Vehicle Traffic Accidents in the United States for Actuarial Applications. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
749	On-Farm Evaluation of Uav-Based Aerial Imagery for Season-Long Weed Monitoring Under Contrasting Management and Pedoclimatic Conditions in Wheat. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
750	Prediction of E. coli Concentrations in Agricultural Pond Waters: Application and Comparison of Machine Learning Algorithms. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 768650.	2.0	3
751	Mapping the impact of subsoil constraints on soil available water capacity and potential crop yield. <i>Crop and Pasture Science</i> , 2022, , .	0.7	2

#	ARTICLE	IF	CITATIONS
752	Depth to Sodicity Constraint Mapping of the Murray-Darling Basin, Australia. SSRN Electronic Journal, 0, , .	0.4	0
754	Genetic architecture and genomic predictive ability of apple quantitative traits across environments. Horticulture Research, 2022, 9, .	2.9	20
755	Mean decrease accuracy for random forests: inconsistency, and a practical solution via the Sobol-MDA. Biometrika, 2022, 109, 881-900.	1.3	21
756	Spectral-Based Classification of Plant Species Groups and Functional Plant Parts in Managed Permanent Grassland. Remote Sensing, 2022, 14, 1154.	1.8	5
757	Assessing taxonomic and functional change in British breeding bird assemblages over time. Global Ecology and Biogeography, 2022, 31, 925-939.	2.7	6
758	A Combined Feature Screening Approach of Random Forest and Filterbased Methods for Ultra-high Dimensional Data. Current Bioinformatics, 2022, 17, 344-357.	0.7	9
759	Very High-Resolution Imagery and Machine Learning for Detailed Mapping of Riparian Vegetation and Substrate Types. Remote Sensing, 2022, 14, 954.	1.8	6
760	Gut microbiota and BMI throughout childhood: the role of firmicutes, bacteroidetes, and short-chain fatty acid producers. Scientific Reports, 2022, 12, 3140.	1.6	65
761	Continental-scale biomass redistribution by migratory birds in response to seasonal variation in productivity. Global Ecology and Biogeography, 2022, 31, 727-739.	2.7	9
762	Use of a deep learning and random forest approach to track changes in the predictive nature of socioeconomic drivers of under-5 mortality rates in sub-Saharan Africa. BMJ Open, 2022, 12, e049786.	0.8	0
763	Year-round acoustic monitoring of Antarctic blue and fin whales in relation to environmental conditions off the west coast of South Africa. Marine Biology, 2022, 169, 1.	0.7	4
765	Evaluating the robustness of targeted maximum likelihood estimators via realistic simulations in nutrition intervention trials. Statistics in Medicine, 2022, 41, 2132-2165.	0.8	2
766	Prediction and Uncertainty Capabilities of Quantile Regression Forests in Estimating Spatial Distribution of Soil Organic Matter. ISPRS International Journal of Geo-Information, 2022, 11, 130.	1.4	4
767	Sensitive Parameter Analysis for Solar Irradiance Short-Term Forecasting: Application to LoRa-Based Monitoring Technology. Sensors, 2022, 22, 1499.	2.1	4
768	Surface temperatures reveal the patterns of vegetation water stress and their environmental drivers across the tropical Americas. Global Change Biology, 2022, 28, 2940-2955.	4.2	9
769	The use of synonymous adjectives by learners of Finnish as a second language. International Journal of Learner Corpus Research, 2022, 8, 67-96.	0.4	2
770	Development of a miRNA-based classifier for detection of colorectal cancer molecular subtypes. Molecular Oncology, 2022, 16, 2693-2709.	2.1	6
771	Soil Classification and Feature Importance of EPBM Data Using Random Forests. , 2022, , .		1



#	ARTICLE	IF	CITATIONS
772	Evaluation of tree-based statistical learning methods for constructing genetic risk scores. <i>BMC Bioinformatics</i> , 2022, 23, 97.	1.2	7
773	Who Is at Risk of Poor Mental Health Following Coronavirus Disease-19 Outpatient Management?. <i>Frontiers in Medicine</i> , 2022, 9, 792881.	1.2	21
774	Regularized target encoding outperforms traditional methods in supervised machine learning with high cardinality features. <i>Computational Statistics</i> , 2022, 37, 2671-2692.	0.8	30
775	Machine learning-assisted identification of bioindicators predicts medium-chain carboxylate production performance of an anaerobic mixed culture. <i>Microbiome</i> , 2022, 10, 48.	4.9	14
776	Does random slope hierarchical modeling always outperform random intercept counterpart? Accounting for unobserved heterogeneity in a real-time empirical analysis of critical crash occurrence. <i>Journal of Transportation Safety and Security</i> , 2023, 15, 177-214.	1.1	8
777	Comparing Machine Learning to Regression Methods for Mortality Prediction Using Veterans Affairs Electronic Health Record Clinical Data. <i>Medical Care</i> , 2022, 60, 470-479.	1.1	5
778	Accurate classification of carotid endarterectomy indication using physician claims and hospital discharge data. <i>BMC Health Services Research</i> , 2022, 22, 379.	0.9	2
779	Combining adult with pediatric patient data to develop a clinical decision support tool intended for children: leveraging machine learning to model heterogeneity. <i>BMC Medical Informatics and Decision Making</i> , 2022, 22, 84.	1.5	1
780	Phosphonate production by marine microbes: Exploring new sources and potential function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113386119.	3.3	31
781	Knowledge graph-based recommendation framework identifies drivers of resistance in EGFR mutant non-small cell lung cancer. <i>Nature Communications</i> , 2022, 13, 1667.	5.8	33
782	Subsampled factor models for asset pricing: The rise of Vasa. <i>Journal of Forecasting</i> , 2022, 41, 1217-1247.	1.6	2
783	Can gut microbiota throughout the first 10 years of life predict executive functioning in childhood?. <i>Developmental Psychobiology</i> , 2022, 64, e22226.	0.9	4
784	A global microbiome survey of vineyard soils highlights the microbial dimension of viticultural terroirs. <i>Communications Biology</i> , 2022, 5, 241.	2.0	35
786	The ability to classify patients based on gene-expression data varies by algorithm and performance metric. <i>PLoS Computational Biology</i> , 2022, 18, e1009926.	1.5	6
787	Predicting yellow rust in wheat breeding trials by proximal phenotyping and machine learning. <i>Plant Methods</i> , 2022, 18, 30.	1.9	16
788	Spatio-temporal prediction of soil moisture using soil maps, topographic indices and SMAP retrievals. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 108, 102730.	1.4	5
789	Adaptation to climate change through seasonal migration revealed by climatic versus demographic niche models. <i>Global Change Biology</i> , 2022, 28, 4260-4275.	4.2	2
790	Understanding Predictive Factors of Dementia for Older Adults: A Machine Learning Approach for Modeling Dementia Influencers. <i>International Journal of Human Computer Studies</i> , 2022, , 102834.	3.7	1

#	ARTICLE	IF	CITATIONS
791	Data-driven projections suggest large opportunities to improve Europe's soybean self-sufficiency under climate change. <i>Nature Food</i> , 2022, 3, 255-265.	6.2	26
792	Phylogeny-Aware Analysis of Metagenome Community Ecology Based on Matched Reference Genomes while Bypassing Taxonomy. <i>MSystems</i> , 2022, 7, e0016722.	1.7	35
793	AGPAT1 as a novel colonic biomarker for discriminating between ulcerative colitis with and without primary sclerosing cholangitis. <i>Clinical and Translational Gastroenterology</i> , 2022, Publish Ahead of Print, .	1.3	2
794	Machine learning algorithms predict soil seed bank persistence from easily available traits. <i>Applied Vegetation Science</i> , 2022, 25, .	0.9	6
795	Predicting Time to Death After Withdrawal of Life-Sustaining Measures Using Vital Sign Variability: Derivation and Validation. , 2022, 4, e0675.		4
796	Multilevel predictors of climate change beliefs in Africa. <i>PLoS ONE</i> , 2022, 17, e0266387.	1.1	4
797	The Impact of Job Loss on Self-injury Mortality in a Cohort of Autoworkers. <i>Epidemiology</i> , 2022, 33, 386-394.	1.2	0
798	Predicting Bovine Respiratory Disease Risk in Feedlot Cattle in the First 45 Days Post Arrival. <i>Pathogens</i> , 2022, 11, 442.	1.2	6
799	Covidex: An ultrafast and accurate tool for SARS-CoV-2 subtyping. <i>Infection, Genetics and Evolution</i> , 2022, 99, 105261.	1.0	8
800	Reflectance spectroscopy and machine learning as a tool for the categorization of twin species based on the example of the <i>Diachrysa</i> genus. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121058.	2.0	3
801	Historical and future spatially-explicit climate change impacts on mycorrhizal and saprotrophic macrofungal productivity in Mediterranean pine forests. <i>Agricultural and Forest Meteorology</i> , 2022, 319, 108918.	1.9	5
802	Sources of variation in elemental profiles of whiteleg shrimp ( <i>Litopenaeus vannamei</i> ) and their potential effects on the accuracy of discriminant analysis. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126961.	1.5	2
803	Controls on watershed flashiness across the continental US. <i>Journal of Hydrology</i> , 2022, 609, 127713.	2.3	8
804	Interaction forests: Identifying and exploiting interpretable quantitative and qualitative interaction effects. <i>Computational Statistics and Data Analysis</i> , 2022, 171, 107460.	0.7	7
805	Soil infiltration rates are underestimated by models in an urban watershed in central North Carolina, USA. <i>Journal of Environmental Management</i> , 2022, 313, 115004.	3.8	5
806	Yes/No Classification of EEG data from CLIS patients. , 2021, 2021, 5727-5732.		1
807	Big Data Performance in Private Clouds. Some Initial Findings on Apache Spark Clusters Deployed in OpenStack. , 2021, , .		1
808	Modelling seabed sediment physical properties and organic matter content in the Firth of Clyde. <i>Earth System Science Data</i> , 2021, 13, 5847-5866.	3.7	3

#	ARTICLE	IF	CITATIONS
809	Comprehensive Statistical Exploration of Prognostic (Bio-)Markers for Responses to Immune Checkpoint Inhibitor in Patients with Non-Small Cell Lung Cancer. <i>Cancers</i> , 2022, 14, 75.	1.7	3
810	Modelling and Mapping Total and Bioaccessible Arsenic and Lead in Stoke-on-Trent and Their Relationships with Industry. <i>Geosciences (Switzerland)</i> , 2021, 11, 515.	1.0	1
811	Opening the Random Forest Black Box of the Metabolome by the Application of Surrogate Minimal Depth. <i>Metabolites</i> , 2022, 12, 5.	1.3	8
814	Tributary chloride loading into Lake Michigan. <i>Limnology and Oceanography Letters</i> , 2023, 8, 83-92.	1.6	7
815	Can Machine Learning from Real-World Data Support Drug Treatment Decisions? A Prediction Modeling Case for Direct Oral Anticoagulants. <i>Medical Decision Making</i> , 2021, , 0272989X2110646.	1.2	6
816	Measuring anomalies in cigarette sales using official data from Spanish provinces: Are the anomalies detected by the Empty Pack Surveys (EPSs) used by Transnational Tobacco Companies (TTCs) the only anomalies?. <i>Tobacco Induced Diseases</i> , 2021, 19, 1-12.	0.3	1
817	Change Points Detection and Trend Analysis to Characterize Changes in Meteorologically Normalized Air Pollutant Concentrations. <i>Atmosphere</i> , 2022, 13, 64.	1.0	0
818	Detection and characterization of small-sized microplastics (â‰¥5Âµm) in milk products. <i>Scientific Reports</i> , 2021, 11, 24046.	1.6	49
819	Machine learning prediction of novel pectinolytic enzymes in <i>Aspergillus niger</i> through integrating heterogeneous (post-) genomics data. <i>Microbial Genomics</i> , 2021, 7, .	1.0	2
820	DNA Methylation in INA, NHLH2, and THBS4 Is Associated with Metastatic Disease in Renal Cell Carcinoma. <i>Cancers</i> , 2022, 14, 39.	1.7	4
821	Predictive Modelling of Landslide Susceptibility in the Western Carpathian Flysch Zone. <i>Land</i> , 2021, 10, 1370.	1.2	3
822	Urbanâ€“Rural Gradients Predict Educational Gaps: Evidence from a Machine Learning Approach Involving Academic Performance and Impervious Surfaces in Ecuador. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 830.	1.4	3
824	Evaluation of alcohol consumption motivation: psychometric properties of the Alcohol Consumption Motivation Inventory by V.Yu. Zavyalov. <i>V M Bekhterev Review of Psychiatry and Medical Psychology</i> , 2021, 57, 76-85.	0.1	2
825	Predicting 30â€“day return hospital admissions in patients with COVIDâ€“19 discharged from the emergency department: A national retrospective cohort study. <i>Journal of the American College of Emergency Physicians Open</i> , 2021, 2, e12595.	0.4	5
826	Sex role similarity and sexual selection predict male and female song elaboration and dimorphism in fairyâ€“wrens. <i>Ecology and Evolution</i> , 2021, 11, 17901-17919.	0.8	6
827	Creep Life Predictions by Machine Learning Methods for Ferritic Heat Resistant Steels. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2022, 108, 424-437.	0.1	1
828	Global Mapping of Soil Water Characteristics Parametersâ€“ Fusing Curated Data with Machine Learning and Environmental Covariates. <i>Remote Sensing</i> , 2022, 14, 1947.	1.8	9
829	Development of a dynamic machine learning algorithm to predict clinical pregnancy and live birth rate with embryo morphokinetics. <i>F&amp;S Reports</i> , 2022, , .	0.4	4

#	ARTICLE	IF	CITATIONS
830	Source language classification of indirect translations. <i>Target</i> , 2022, 34, 370-394.	0.4	3
838	Dementia risk predictions from German claims data using methods of machine learning. <i>Alzheimer's and Dementia</i> , 2023, 19, 477-486.	0.4	9
839	High-resolution wind speed forecast system coupling numerical weather prediction and machine learning for agricultural studies – a case study from South Korea. <i>International Journal of Biometeorology</i> , 2022, 66, 1429-1443.	1.3	2
840	Risk Prediction of Pancreatic Cancer in Patients With Recent-onset Hyperglycemia. <i>Journal of Clinical Gastroenterology</i> , 2023, 57, 103-110.	1.1	4
841	Identifying Drivers for Maize Response to Fertilizer in Ghana. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
842	The Canadian Optimized Statistical Smoke Exposure Model (Canossem): A Machine Learning Approach to Estimate National Daily Fine Particulate Matter (Pm2.5) Exposure. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
843	Reconstructing subdistrict-level population denominators in Yemen after six years of armed conflict and forced displacement. <i>Journal of Migration and Health</i> , 2022, 5, 100105.	1.6	5
844	Determination of Survival of Gastric Cancer Patients With Distant Lymph Node Metastasis Using Prealbumin Level and Prothrombin Time: Contour Plots Based on Random Survival Forest Algorithm on High-Dimensionality Clinical and Laboratory Datasets. <i>Journal of Gastric Cancer</i> , 2022, 22, 120.	0.9	4
846	A Review of Digital Era Governance Research in the First Two Decades: A Bibliometric Study. <i>Future Internet</i> , 2022, 14, 126.	2.4	16
847	Multisite and Multitemporal Grassland Yield Estimation Using UAV-Borne Hyperspectral Data. <i>Remote Sensing</i> , 2022, 14, 2068.	1.8	7
848	Accurate, high-coverage assignment of in vivo protein kinases to phosphosites from in vitro phosphoproteomic specificity data. <i>PLoS Computational Biology</i> , 2022, 18, e1010110.	1.5	1
849	Recognizing protein-metal ion ligands binding residues by random forest algorithm with adding orthogonal properties. <i>Computational Biology and Chemistry</i> , 2022, 98, 107693.	1.1	2
850	Predicting Daily PM2.5 Exposure with Spatially Invariant Accuracy Using Co-Existing Pollutant Concentrations as Predictors. <i>Atmosphere</i> , 2022, 13, 782.	1.0	3
851	High-resolution mapping of losses and gains of Earth's tidal wetlands. <i>Science</i> , 2022, 376, 744-749.	6.0	138
852	Wild Bird Densities and Landscape Variables Predict Spatial Patterns in HPAI Outbreak Risk across The Netherlands. <i>Pathogens</i> , 2022, 11, 549.	1.2	5
853	Environmental predictors of phytoplankton chlorophyll-a in Great Lakes coastal wetlands. <i>Journal of Great Lakes Research</i> , 2022, 48, 927-934.	0.8	8
854	On Wasted Contributions: Understanding the Dynamics of Contributor-Abandoned Pull Requests – A Mixed-Methods Study of 10 Large Open-Source Projects. <i>ACM Transactions on Software Engineering and Methodology</i> , 2023, 32, 1-39.	4.8	2
856	Accounting for motion in resting-state fMRI: What part of the spectrum are we characterizing in autism spectrum disorder?. <i>NeuroImage</i> , 2022, 257, 119296.	2.1	13

#	ARTICLE	IF	CITATIONS
857	Data misrepresentation detection for insurance underwriting fraud prevention. <i>Decision Support Systems</i> , 2022, 159, 113798.	3.5	6
858	Confidence intervals for the random forest generalization error. <i>Pattern Recognition Letters</i> , 2022, 158, 171-175.	2.6	5
859	Dealing with clustered samples for assessing map accuracy by cross-validation. <i>Ecological Informatics</i> , 2022, 69, 101665.	2.3	18
860	Predicting the debt-equity decision. <i>Finance Research Letters</i> , 2022, 48, 102859.	3.4	1
861	Lagrangian characteristics in the western North Pacific help to explain variability in Pacific saury fishery. <i>Fisheries Research</i> , 2022, 252, 106361.	0.9	2
862	Postmortem and Antemortem Forensic Assessment of Pediatric Fracture Healing from Radiographs and Machine Learning Classification. <i>Biology</i> , 2022, 11, 749.	1.3	3
863	A retrotransposon storm marks clinical phenoconversion to late-onset Alzheimer's disease. <i>GeroScience</i> , 2022, 44, 1525-1550.	2.1	12
864	Implementation of piglet castration under inhalation anaesthesia on farrowing farms. <i>Porcine Health Management</i> , 2022, 8, 20.	0.9	2
865	Development of a New Pedotransfer Function Addressing Limitations in Soil Hydraulic Models and Observations. <i>Water Resources Research</i> , 2022, 58, .	1.7	7
866	Time Series Features for Supporting Hydrometeorological Explorations and Predictions in Ungauged Locations Using Large Datasets. <i>Water (Switzerland)</i> , 2022, 14, 1657.	1.2	10
867	Predicting lying, sitting and walking at different intensities using smartphone accelerometers at three different wear locations: hands, pant pockets, backpack. <i>BMJ Open Sport and Exercise Medicine</i> , 2022, 8, e001242.	1.4	2
869	Ensemble Tree Machine Learning Models for Improvement of Eurocode 2 Creep Model Prediction. <i>Civil and Environmental Engineering</i> , 2022, 18, 174-184.	0.4	1
870	Longitudinal Classification and Predictive Modeling for Historical CPS Data Using Random Forests. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
871	Heterogeneity in <i>Staphylococcus aureus</i> Bacteraemia Clinical Trials Complicates Interpretation of Findings. <i>Journal of Infectious Diseases</i> , 2022, 226, 723-728.	1.9	4
872	Improving Approaches to Mapping Seagrass within the Great Barrier Reef: From Field to Spaceborne Earth Observation. <i>Remote Sensing</i> , 2022, 14, 2604.	1.8	11
873	Assessing spatio-temporal dynamics of large airport's surface stability. <i>Geocarto International</i> , 2022, 37, 13734-13747.	1.7	4
874	An algorithm to identify cases of pulmonary arterial hypertension from the electronic medical record. <i>Respiratory Research</i> , 2022, 23, .	1.4	5
875	Performance and Configuration of Artificial Intelligence in Educational Settings. Introducing a New Reliability Concept Based on Content Analysis. <i>Frontiers in Education</i> , 0, 7, .	1.2	0

#	ARTICLE	IF	CITATIONS
876	Linking Switzerland's PM <sub>10</sub> and PM <sub>2.5</sub> oxidative potential (OP) with emission sources. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 7029-7050.	1.9	20
877	Data-driven platform for identifying variants of interest in COVID-19 virus. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2942-2950.	1.9	2
878	Rich cities, poor countryside? Social structure of the poor and poverty risks in urban and rural places in an affluent country. <i>Local Economy</i> , 0, , 026909422211047.	0.8	2
879	Beyond prediction: methods for interpreting complex models of soil variation. <i>Geoderma</i> , 2022, 422, 115953.	2.3	18
880	Cropland Mapping Using Earth Observation Derived Phenological Metrics. , 0, , .		0
881	Case Study of Proficiency-Based Class Composition Using Machine Learning. , 2021, , .		0
882	Bird Response to Small- and Large-Scale Natural Disturbances in Mountain Spruce Forests in Central Europe. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
883	Longitudinal Classification and Predictive Modeling for Historical CPS Data Using Random Forests. , 2022, , .		0
885	Comparison of different training data sets from simulation and experimental measurement with artificial users for occupancy detection " Using machine learning methods Random Forest and LASSO. <i>Building and Environment</i> , 2022, 223, 109313.	3.0	8
887	Non-linearity of Metabolic Pathways Critically Influences the Choice of Machine Learning Model. <i>Frontiers in Artificial Intelligence</i> , 0, 5, .	2.0	0
888	Identification of four serum miRNAs as potential markers to screen for thirteen cancer types. <i>PLoS ONE</i> , 2022, 17, e0269554.	1.1	6
889	Urban "Rural Disparities in Air Quality Responses to Traffic Changes in a Megacity of China Revealed Using Machine Learning. <i>Environmental Science and Technology Letters</i> , 2022, 9, 592-598.	3.9	7
890	Biopsy Characteristics, Subtypes, and Prognostic Features in 107 Cases of Feline Presumed Immune-Mediated Polyneuropathy. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
891	Global relationships in tree functional traits. <i>Nature Communications</i> , 2022, 13, .	5.8	29
893	Predictive soil mapping in the Boreal Plains of Northern Alberta by using multi-temporal remote sensing data and terrain derivatives. <i>Canadian Journal of Soil Science</i> , 2022, 102, 852-866.	0.5	4
894	Using Background Knowledge from Preceding Studies for Building a Random Forest Prediction Model: A Plasmode Simulation Study. <i>Entropy</i> , 2022, 24, 847.	1.1	1
895	Direct Prediction of Physicochemical Properties and Toxicities of Chemicals from Analytical Descriptors by GC-MS. <i>Analytical Chemistry</i> , 2022, 94, 9149-9157.	3.2	4
896	Machine learning nonresponse adjustment of patient-reported opioid consumption data to enable consumption-informed postoperative opioid prescribing guidelines. <i>Surgery in Practice and Science</i> , 2022, 10, 100098.	0.2	1

#	ARTICLE	IF	CITATIONS
897	Daily distracted consumption patterns and their relationship with BMI. <i>Appetite</i> , 2022, 176, 106136.	1.8	4
898	Incorporating Light Gradient Boosting Machine to land use regression model for estimating NO2 and PM2.5 levels in Kansai region, Japan. <i>Environmental Modelling and Software</i> , 2022, 155, 105447.	1.9	11
899	Europe-Wide Air Pollution Modeling from 2000 to 2019 Using Geographically Weighted Regression. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
900	Sciaenid courtship sounds correlate with juvenile appearance and abundance in the May River, South Carolina, USA. <i>Marine Ecology - Progress Series</i> , 2022, 693, 1-17.	0.9	9
901	Classification of <i>Toona sinensis</i> Young Leaves Using Machine Learning and UAV-Borne Hyperspectral Imagery. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
902	The Opportunity of Point-of-Care Diagnostics in General Practice: Modelling the Effects on Antimicrobial Resistance. <i>Pharmacoeconomics</i> , 2022, 40, 823-833.	1.7	2
903	Remote Sensing Techniques for Bridge Deformation Monitoring at Millimetric Scale: Investigating the Potential of Satellite Radar Interferometry, Airborne Laser Scanning and Ground-Based Mobile Laser Scanning. <i>PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science</i> , 2022, 90, 391-411.	0.7	1
904	Risk assessment with gut microbiome and metabolite markers in NAFLD development. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	50
905	Legacy of wood charcoal production on subalpine forest structure and species composition. <i>Ambio</i> , 2022, 51, 2496-2507.	2.8	2
906	Different reticuloruminal pH metrics of high-yielding dairy cattle during the transition period in relation to metabolic health, activity, and feed intake. <i>Journal of Dairy Science</i> , 2022, 105, 6880-6894.	1.4	7
908	Herbage Mass, N Concentration, and N Uptake of Temperate Grasslands Can Adequately Be Estimated from UAV-Based Image Data Using Machine Learning. <i>Remote Sensing</i> , 2022, 14, 3066.	1.8	9
909	Avoiding C-hacking when evaluating survival distribution predictions with discrimination measures. <i>Bioinformatics</i> , 2022, 38, 4178-4184.	1.8	4
911	Designing gully erosion susceptibility maps (GESM) in the Algerian Eastern Tell: a case study of the Kâ€™sob River watershed. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	8
912	European Epidemiological Patterns of Cannabis- and Substance- Related Congenital Cardiovascular Anomalies: Geospatiotemporal and Causal Inferential Study. <i>Environmental Epigenetics</i> , 0, , .	0.9	8
913	Effects of cannabis on congenital limb anomalies in 14 European nations: A geospatiotemporal and causal inferential study. <i>Environmental Epigenetics</i> , 2022, 8, .	0.9	7
914	Using Multi-decadal Satellite Records to Identify Environmental Drivers of Fire Severity Across Vegetation Types. <i>Remote Sensing in Earth Systems Sciences</i> , 0, , .	1.1	0
915	Exploring the Association between Habitual Food Intake and the Urine and Blood Metabolome in Adolescents and Young Adults: A Cohort Study. <i>Molecular Nutrition and Food Research</i> , 2022, 66, .	1.5	5
916	Using machine learning to improve diagnostic assessment of <sc>ASD</sc> in the light of specific differential and co-occurring diagnoses. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2023, 64, 16-26.	3.1	12

#	ARTICLE	IF	CITATIONS
917	Live Fuel Moisture Content Mapping in the Mediterranean Basin Using Random Forests and Combining MODIS Spectral and Thermal Data. <i>Remote Sensing</i> , 2022, 14, 3162.	1.8	13
918	Improved parent material map disaggregation methods in the Saskatchewan prairies using historical bare soil composite imagery. <i>Canadian Journal of Soil Science</i> , 2023, 103, 47-63.	0.5	1
919	Machine Learning Prediction of Comorbid Substance Use Disorders among People with Bipolar Disorder. <i>Journal of Clinical Medicine</i> , 2022, 11, 3935.	1.0	7
921	Hand-feel soil texture observations to evaluate the accuracy of digital soil maps for local prediction of soil particle size distribution: A case study in Central France. <i>Pedosphere</i> , 2023, 33, 731-743.	2.1	5
923	Nowcasting short-term indicators with machine learning methods. <i>Statistical Journal of the IAOS</i> , 2022, , 1-25.	0.2	0
924	Human Activity Changes During COVID-19 Lockdown in China—A View From Nighttime Light. <i>GeoHealth</i> , 2022, 6, .	1.9	3
925	Greater sage-grouse habitat selection varies across the marginal habitat of its lagging range margin. <i>Ecosphere</i> , 2022, 13, .	1.0	1
926	Predicting soil depth in a large and complex area using machine learning and environmental correlations. <i>Journal of Integrative Agriculture</i> , 2022, 21, 2422-2434.	1.7	2
927	Carbon sequestration potential in croplands in Lesotho. <i>Ecological Modelling</i> , 2022, 471, 110052.	1.2	2
928	Business analytics meets artificial intelligence: Assessing the demand effects of discounts on Swiss train tickets. <i>Transportation Research Part B: Methodological</i> , 2022, 163, 22-39.	2.8	11
929	Automated Quantitative Measurement of Yellow Halos Suggests Activity of Necrotrophic Effectors in <i>Septoria tritici</i> Blotch. <i>Phytopathology</i> , 2022, 112, 2560-2573.	1.1	5
930	Possibilities of River Water Temperature Reconstruction Using Statistical Models in the Context of Long-Term Thermal Regime Changes Assessment. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7503.	1.3	2
931	Genomic prediction in plants: opportunities for ensemble machine learning based approaches. <i>F1000Research</i> , 0, 11, 802.	0.8	3
932	European Epidemiological Patterns of Cannabis- and Substance-Related Body Wall Congenital Anomalies: Geospatiotemporal and Causal Inferential Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9027.	1.2	8
933	Spatial predictions of maize yields using QUEFTS – A comparison of methods. <i>Geoderma</i> , 2022, 425, 116018.	2.3	3
934	Debiasing MDI Feature Importance and SHAP Values in Tree Ensembles. <i>Lecture Notes in Computer Science</i> , 2022, , 114-129.	1.0	4
935	Deciding The Number Of Dimensions In Explanatory Factor Analysis: A Brief Overview Of The Methods. <i>Pamukkale University Journal of Social Sciences Institute</i> , 0, , .	0.0	1
936	fairmodels: a Flexible Tool for Bias Detection, Visualization, and Mitigation in Binary Classification Models. <i>R Journal</i> , 2022, 14, 227-243.	0.7	4



#	ARTICLE	IF	CITATIONS
938	Longitudinally stable, brain-based predictive models mediate the relationships between childhood cognition and socio-demographic, psychological and genetic factors. <i>Human Brain Mapping</i> , 2022, 43, 5520-5542.	1.9	6
939	Spatiotemporal Overlap of Baleen Whales and Krill Fisheries in the Western Antarctic Peninsula Region. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	4
940	Identifying Major Hydrologic Change Drivers in a Highly Managed Transboundary Endorheic Basin: Integrating Hydro-ecological Models and Time Series Data Mining Techniques. <i>Water Resources Research</i> , 2022, 58, .	1.7	1
942	Global analysis and prediction of fluoride in groundwater. <i>Nature Communications</i> , 2022, 13, .	5.8	78
943	How Have Global River Widths Changed Over Time?. <i>Water Resources Research</i> , 2022, 58, .	1.7	9
945	Evaluation of Methods for Estimating Lake Surface Water Temperature Using Landsat 8. <i>Remote Sensing</i> , 2022, 14, 3839.	1.8	5
946	Filtering ground noise from LiDAR returns produces inferior models of forest aboveground biomass in heterogenous landscapes. <i>GIScience and Remote Sensing</i> , 2022, 59, 1266-1280.	2.4	4
947	Spatiotemporal influences of climate and humans on muskox range dynamics over multiple millennia. <i>Global Change Biology</i> , 2022, 28, 6602-6617.	4.2	10
948	Statistical analysis of nitrogen use efficiency in Northeast China using multiple linear regression and Random Forest. <i>Journal of Integrative Agriculture</i> , 2022, 21, 3637-3657.	1.7	11
949	Integration of machine learning into process-based modelling to improve simulation of complex crop responses. <i>In Silico Plants</i> , 2022, 4, .	0.8	7
950	The global distribution of known and undiscovered ant biodiversity. <i>Science Advances</i> , 2022, 8, .	4.7	45
951	Experimental methods modestly impact interpretation of the effect of environmental exposures on the larval zebrafish gut microbiome. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
952	Cognitive and social well-being in older adulthood: The CoSoWELL corpus of written life stories. <i>Behavior Research Methods</i> , 0, , .	2.3	2
953	Multi-Metal Distribution Patterns in Soils of the Sacramento River Floodplain and Their Controlling Factors. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 8462.	1.3	1
954	Predicting the presence of depressive symptoms in the HIV-HCV co-infected population in Canada using supervised machine learning. <i>BMC Medical Research Methodology</i> , 2022, 22, .	1.4	1
955	The Machines Take Over: A Comparison of Various Supervised Learning Approaches for Automated Scoring of Divergent Thinking Tasks. <i>Journal of Creative Behavior</i> , 2023, 57, 17-36.	1.6	8
956	Blood-based transcriptomic signature panel identification for cancer diagnosis: benchmarking of feature extraction methods. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	3
957	Prediction of depression treatment outcome from multimodal data: a CAN-BIND-1 report. <i>Psychological Medicine</i> , 2023, 53, 5374-5384.	2.7	4

#	ARTICLE	IF	CITATIONS
959	Use of Machine Learning to Reduce Uncertainties in Particle Number Concentration and Aerosol Indirect Radiative Forcing Predicted by Climate Models. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
960	Division Does Not Imply Predictability: Demographics Continue to Reveal Little About Voting and Partisanship. <i>Political Behavior</i> , 2024, 46, 67-87.	1.7	2
961	High-Resolution Mapping and Assessment of Salt-Affectedness on Arable Lands by the Combination of Ensemble Learning and Multivariate Geostatistics. <i>Agronomy</i> , 2022, 12, 1858.	1.3	6
962	Patterns and drivers of recent land cover change on two trailing-edge forest landscapes. <i>Forest Ecology and Management</i> , 2022, 521, 120449.	1.4	6
963	Non-destructive estimation of individual tree biomass: Allometric models, terrestrial and UAV laser scanning. <i>Remote Sensing of Environment</i> , 2022, 280, 113180.	4.6	41
964	Europe-wide air pollution modeling from 2000 to 2019 using geographically weighted regression. <i>Environment International</i> , 2022, 168, 107485.	4.8	25
965	Predicting water quality from geospatial lake, catchment, and buffer zone characteristics in temperate lowland lakes. <i>Science of the Total Environment</i> , 2022, 851, 158090.	3.9	1
966	The Canadian Optimized Statistical Smoke Exposure Model (CanOSSEM): A machine learning approach to estimate national daily fine particulate matter (PM2.5) exposure. <i>Science of the Total Environment</i> , 2022, 850, 157956.	3.9	5
967	Cannabis- and Substance-Related Epidemiological Patterns of Chromosomal Congenital Anomalies in Europe: Geospatiotemporal and Causal Inferential Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11208.	1.2	9
969	Development of a model to predict the probability of discontinuing fitness club membership among new members. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2022, 71, 431-441.	0.0	0
970	Short-term prediction of particulate matter (PM10 and PM2.5) in Seoul, South Korea using tree-based machine learning algorithms. <i>Atmospheric Pollution Research</i> , 2022, 13, 101547.	1.8	28
971	Explainable machine learning improves interpretability in the predictive modeling of biological stream conditions in the Chesapeake Bay Watershed, USA. <i>Journal of Environmental Management</i> , 2022, 322, 116068.	3.8	7
972	Characterizing height-diameter relationships for Caribbean trees using mixed-effects random forest algorithm. <i>Forest Ecology and Management</i> , 2022, 524, 120507.	1.4	4
973	Bird response to forest disturbance size in mountain spruce forests in Central Europe. <i>Forest Ecology and Management</i> , 2022, 524, 120527.	1.4	0
974	On the value of popular crystallographic databases for machine learning prediction of space groups. <i>Acta Materialia</i> , 2022, 240, 118353.	3.8	2
975	Unpacking dasymmetric modelling to correct spatial bias in environmental model outputs. <i>Environmental Modelling and Software</i> , 2022, 157, 105511.	1.9	1
976	Using machine learning to quantify sources of light-absorbing water-soluble humic-like substances (HULISws) in Northeast China. <i>Atmospheric Environment</i> , 2022, 291, 119371.	1.9	5
977	HyVADRf: Hybrid VADER-Random Forest and GWO for Bitcoin Tweet Sentiment Analysis. <i>IEEE Access</i> , 2022, 10, 101889-101897.	2.6	17

#	ARTICLE	IF	CITATIONS
978	A Hybrid Tree-Based Ensemble Learning Model for Day-Ahead Peak Load Forecasting. , 2022, , .		2
979	A Forest of Forests: A Spatially Weighted and Computationally Efficient Formulation of Geographical Random Forests. ISPRS International Journal of Geo-Information, 2022, 11, 471.	1.4	14
980	Application of machine learning methods to predict drought cost in France. European Actuarial Journal, 2023, 13, 731-753.	0.5	2
981	Can we predict the burden of acute malnutrition in crisis-affected countries? Findings from Somalia and South Sudan. BMC Nutrition, 2022, 8, .	0.6	1
982	Global mapping of volumetric water retention at 100, 330 and 15â€‰%000Âˆcm suction using the WoSIS database. International Soil and Water Conservation Research, 2023, 11, 225-239.	3.0	4
984	External validation of biomarkers for immune-related adverse events after immune checkpoint inhibition. Frontiers in Immunology, 0, 13, .	2.2	6
985	Optimising Precision and Power by Machine Learning in Randomised Trials with Ordinal and Time-to-Event Outcomes with an Application to COVID-19. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 2156-2178.	0.6	3
986	Heterogeneity and transcriptome changes of human CD8+ T cells across nine decades of life. Nature Communications, 2022, 13, .	5.8	14
987	Machine learning based on metabolomics reveals potential targets and biomarkers for primary Sjogrenâ€™s syndrome. Frontiers in Molecular Biosciences, 0, 9, .	1.6	1
988	Personalized Prediction of Behaviors and Experiences: An Idiographic Personâ€™Situation Test. Psychological Science, 2022, 33, 1767-1782.	1.8	4
989	Short-Term Visibility Prediction Using Tree-Based Machine Learning Algorithms and Numerical Weather Prediction Data. Weather and Forecasting, 2022, 37, 2263-2274.	0.5	5
990	Surface ocean CO2 concentration and air-sea flux estimate by machine learning with modelled variable trends. Frontiers in Marine Science, 0, 9, .	1.2	3
991	Using machine learning with intensive longitudinal data to predict depression and suicidal ideation among medical interns over time. Psychological Medicine, 2023, 53, 5778-5785.	2.7	6
992	The role of species and geography in the elemental profiles of farm-raised shrimp from Indonesia. Environmental Science and Pollution Research, 0, , .	2.7	0
993	Predicting and Mapping Potential Fire Severity for Risk Analysis at Regional Level Using Google Earth Engine. Remote Sensing, 2022, 14, 4812.	1.8	5
994	Variation in morpho-physiological and metabolic responses to low nitrogen stress across the sorghum association panel. BMC Plant Biology, 2022, 22, .	1.6	3
995	Spatial prediction of organic carbon in German agricultural topsoil using machine learning algorithms. Soil, 2022, 8, 587-604.	2.2	10
996	Concentration without cumulative advantage: the distribution of news source attention in online communities. Journal of Communication, 2022, 72, 675-686.	2.1	1

#	ARTICLE	IF	CITATIONS
997	Cost-Effectiveness and Value-of-Information Analysis Using Machine Learning-Based Metamodeling: A Case of Hepatitis C Treatment. <i>Medical Decision Making</i> , 2023, 43, 68-77.	1.2	1
998	Longitudinal multi-omics analysis identifies early blood-based predictors of anti-TNF therapy response in inflammatory bowel disease. <i>Genome Medicine</i> , 2022, 14, .	3.6	15
999	Where There's Smoke, There's Fuel: Dynamic Vegetation Data Improve Predictions of Wildfire Hazard in the Great Basin. <i>Rangeland Ecology and Management</i> , 2023, 89, 20-32.	1.1	15
1000	Machine Learning Thermobarometry for Biotite-Bearing Magmas. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	11
1001	Modelling tree diameter of less commonly planted tree species in New Zealand using a machine learning approach. <i>Forestry</i> , 0, , .	1.2	0
1002	Tree-Based Classifier Ensembles for PE Malware Analysis: A Performance Revisit. <i>Algorithms</i> , 2022, 15, 332.	1.2	8
1004	Risk Factors and Predictive Model for Dermatomyositis Associated with Rapidly Progressive Interstitial Lung Disease. <i>Pharmacogenomics and Personalized Medicine</i> , 0, Volume 15, 775-783.	0.4	0
1005	A Multiscale Cost-Benefit Analysis of Digital Soil Mapping Methods for Sustainable Land Management. <i>Sustainability</i> , 2022, 14, 12170.	1.6	5
1006	Role of intratumoral and peritumoral CT radiomics for the prediction of EGFR gene mutation in primary lung cancer. <i>British Journal of Radiology</i> , 2022, 95, .	1.0	7
1007	Investigating the Impacting Factors on the Public's Attitudes towards Autonomous Vehicles Using Sentiment Analysis from Social Media Data. <i>Sustainability</i> , 2022, 14, 12186.	1.6	2
1008	Oropharyngeal microbiome profiled at admission is predictive of the need for respiratory support among COVID-19 patients. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	8
1009	Risk Stratification Index 3.0, a Broad Set of Models for Predicting Adverse Events during and after Hospital Admission. <i>Anesthesiology</i> , 2022, 137, 673-686.	1.3	12
1010	A Framework for Automating Psychiatric Distress Screening in Ophthalmology Clinics Using an EHR-Derived AI Algorithm. <i>Translational Vision Science and Technology</i> , 2022, 11, 6.	1.1	1
1011	Effects of precipitation, heat, and drought on incidence and expansion of coccidioidomycosis in western USA: a longitudinal surveillance study. <i>Lancet Planetary Health</i> , The, 2022, 6, e793-e803.	5.1	8
1012	Multi-omics disease module detection with an explainable Greedy Decision Forest. <i>Scientific Reports</i> , 2022, 12, .	1.6	11
1013	Incorporating egg-transporting pathways into conservation plans of spawning areas: An example of small yellow croaker ( <i>Larimichthys polyactis</i> ) in the East China Sea zone. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	1
1014	Medication based machine learning to identify subpopulations of pediatric hemodialysis patients in an electronic health record database. <i>Informatics in Medicine Unlocked</i> , 2022, 34, 101104.	1.9	1
1015	Antecedent climatic conditions spanning several years influence multiple land-surface phenology events in semi-arid environments. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	2

#	ARTICLE	IF	CITATIONS
1016	Heterogenous controls on lake color and trends across the high-elevation U.S. Rocky Mountain region. <i>Environmental Research Letters</i> , 2022, 17, 104041.	2.2	3
1017	Contrasts among cationic phytochemical landscapes in the southern United States. <i>Plant-Environment Interactions</i> , 2022, 3, 226-241.	0.7	2
1018	Tree-based ensembles for multi-output regression: Comparing multivariate approaches with separate univariate ones. <i>Computational Statistics and Data Analysis</i> , 2023, 179, 107628.	0.7	7
1019	Interpretability via Random Forests. , 2022, , 37-84.		1
1020	Refinement of Individual Tree Detection Results Obtained from Airborne Laser Scanning Data for a Mixed Natural Forest. <i>Remote Sensing</i> , 2022, 14, 5345.	1.8	1
1021	A Biomedical Case Study Showing That Tuning Random Forests Can Fundamentally Change the Interpretation of Supervised Data Structure Exploration Aimed at Knowledge Discovery. <i>BioMedInformatics</i> , 2022, 2, 544-552.	1.0	5
1022	Phylogeny explains capture mortality of sharks and rays in pelagic longline fisheries: a global meta-analytic synthesis. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
1023	Neutral processes related to regional bee commonness and dispersal distances are important predictors of plant-pollinator networks along gradients of climate and landscape conditions. <i>Ecography</i> , 2022, 2022, .	2.1	1
1024	Protected area personnel and ranger numbers are insufficient to deliver global expectations. <i>Nature Sustainability</i> , 2022, 5, 1100-1110.	11.5	25
1025	Spatially Continuous Mapping of Forest Canopy Height in Canada by Combining GEDI and ICESat-2 with PALSAR and Sentinel. <i>Remote Sensing</i> , 2022, 14, 5158.	1.8	24
1026	Newborn Cry Acoustics in the Assessment of Neonatal Opioid Withdrawal Syndrome Using Machine Learning. <i>JAMA Network Open</i> , 2022, 5, e2238783.	2.8	3
1028	Three Common Machine Learning Algorithms Neither Enhance Prediction Accuracy Nor Reduce Spatial Autocorrelation in Residuals: An Analysis of Twenty-five Socioeconomic Data Sets. <i>Geographical Analysis</i> , 0, , .	1.9	1
1031	The Multi-Satellite Environmental and Socioeconomic Predictors of Vector-Borne Diseases in African Cities: Malaria as an Example. <i>Remote Sensing</i> , 2022, 14, 5381.	1.8	1
1032	Mapping global hotspots and trends of water quality (1992-2010): a data driven approach. <i>Environmental Research Letters</i> , 2022, 17, 114048.	2.2	6
1034	Comparing the prediction performance, uncertainty quantification and extrapolation potential of regression kriging and random forest while accounting for soil measurement errors. <i>Geoderma</i> , 2022, 428, 116192.	2.3	18
1035	The influence of machine learning technologies in gut microbiome research and cancer studies - A review. <i>Life Sciences</i> , 2022, 311, 121118.	2.0	5
1036	Identification of high-wind features within extratropical cyclones using a probabilistic random forest - Part 1: Method and case studies. <i>Weather and Climate Dynamics</i> , 2022, 3, 1157-1182.	1.2	4
1037	Snapshots of Nature-Based Recreation Across Rural Landscapes: Insights from Geotagged Photographs in the Northeastern United States. <i>Environmental Management</i> , 2023, 71, 234-248.	1.2	1

#	ARTICLE	IF	CITATIONS
1038	Temporal and spectral characteristics of conversational versus read fricatives in American English. <i>Journal of the Acoustical Society of America</i> , 2022, 152, 2073-2081.	0.5	2
1039	snpR: User friendly population genomics for SNP data sets with categorical metadata. <i>Molecular Ecology Resources</i> , 2023, 23, 962-973.	2.2	8
1040	Assessing performance of empirical models for forecasting crop responses to variable fertilizer rates using on-farm precision experimentation. <i>Precision Agriculture</i> , 2023, 24, 677-704.	3.1	7
1041	Derivation and External Validation of Machine Learning-Based Model for Detection of Pancreatic Cancer. <i>American Journal of Gastroenterology</i> , 2023, 118, 157-167.	0.2	7
1042	Predicting Clinical Remission of Chronic Urticaria Using Random Survival Forests: Machine Learning Applied to Real-World Data. <i>Dermatology and Therapy</i> , 2022, 12, 2747-2763.	1.4	5
1043	Epidemiological Patterns of Cannabis- and Substance- Related Congenital Urological Anomalies in Europe: Geospatiotemporal and Causal Inferential Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 13769.	1.2	7
1044	Burn Severity Drivers in Italian Large Wildfires. <i>Fire</i> , 2022, 5, 180.	1.2	4
1045	Quantifying the impacts of land cover change on gross primary productivity globally. <i>Scientific Reports</i> , 2022, 12, .	1.6	14
1046	Continuous estimations of daily PM2.5 chemical components from temporally sparse monitoring data using a machine learning approach. <i>Atmospheric Pollution Research</i> , 2022, 13, 101580.	1.8	0
1047	Researcher reasoning meets computational capacity: Machine learning for social science. <i>Social Science Research</i> , 2022, 108, 102807.	1.1	4
1048	Prediction Tool for Individual Outcome Trajectories Across the Next Year in First-Episode Psychosis in Coordinated Specialty Care. <i>JAMA Psychiatry</i> , 2023, 80, 49.	6.0	4
1049	Individualising intensive systolic blood pressure reduction in hypertension using computational trial phenomaps and machine learning: a post-hoc analysis of randomised clinical trials. <i>The Lancet Digital Health</i> , 2022, 4, e796-e805.	5.9	17
1050	Fine-resolution landscape-scale biomass mapping using a spatiotemporal patchwork of LiDAR coverages. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 114, 103059.	0.9	1
1051	Model Diagnostics and Forecast Evaluation for Quantiles. <i>Annual Review of Statistics and Its Application</i> , 2023, 10, 597-621.	4.1	7
1052	Multiple approaches to predicting flake mass. <i>Journal of Archaeological Science: Reports</i> , 2022, 46, 103698.	0.2	0
1053	Accelerating Random Forest on Memory-Constrained Devices Through Data Storage Optimization. <i>IEEE Transactions on Computers</i> , 2023, 72, 1595-1609.	2.4	0
1054	Improving interpretation of sea-level projections through a machine-learning-based local explanation approach. <i>Cryosphere</i> , 2022, 16, 4637-4657.	1.5	2
1055	Diagnostic milk biomarkers for predicting the metabolic health status of dairy cattle during early lactation. <i>Journal of Dairy Science</i> , 2023, 106, 690-702.	1.4	6

#	ARTICLE	IF	CITATIONS
1056	Association Between the Development of Subclinical Cardiovascular Disease and Human Immunodeficiency Virus (HIV) Reservoir Markers in People With HIV on Suppressive Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2023, 76, 1318-1321.	2.9	6
1057	Global models and predictions of plant diversity based on advanced machine learning techniques. <i>New Phytologist</i> , 2023, 237, 1432-1445.	3.5	46
1058	Characteristics of learning tasks in accounting textbooks: an AI assisted analysis. <i>Empirical Research in Vocational Education and Training</i> , 2022, 14, .	0.5	3
1059	Using ensemble learning to model climate associated variation in wood properties of planted <i>Eucalyptus nitens</i> in north-western Tasmania. <i>New Forests</i> , 0, , .	0.7	0
1060	Imputation for sub-sampling in Indonesian National Socioeconomic Survey. <i>Statistical Journal of the IAOS</i> , 2022, , 1-11.	0.2	0
1062	The vulnerability of Ireland's freshwater fish to climate change. <i>Fisheries Management and Ecology</i> , 0, , .	1.0	0
1063	The role of individual variability on the predictive performance of machine learning applied to large bio-logging datasets. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
1064	Effects of random forest modeling decisions on biogeochemical time series predictions. <i>Limnology and Oceanography: Methods</i> , 2023, 21, 40-52.	1.0	5
1065	Regularization approaches in clinical biostatistics: A review of methods and their applications. <i>Statistical Methods in Medical Research</i> , 2023, 32, 425-440.	0.7	8
1066	Combining quantitative approaches to differentiate between backed products from discoidal and Levallois reduction sequences. <i>Journal of Archaeological Science: Reports</i> , 2022, 46, 103723.	0.2	3
1067	mlr3shinyâ€”State-of-the-art machine learning made easy. <i>SoftwareX</i> , 2022, 20, 101246.	1.2	0
1068	Quantifying aboveground biomass dynamics from charcoal degradation in Mozambique using GEDI Lidar and Landsat. <i>Remote Sensing of Environment</i> , 2023, 284, 113367.	4.6	20
1069	A dynamic and evidence-based approach to mapping burn potential. <i>International Journal of Wildland Fire</i> , 2022, , .	1.0	0
1070	Variable ranking and selection with random forest for unbalanced data. , 2022, 1, .		3
1071	Modeling dwell time in a data-rich railway environment: With operations and passenger flows data. <i>Transportation Research Part C: Emerging Technologies</i> , 2023, 146, 103980.	3.9	3
1072	On-farm evaluation of UAV-based aerial imagery for season-long weed monitoring under contrasting management and pedoclimatic conditions in wheat. <i>Computers and Electronics in Agriculture</i> , 2023, 204, 107558.	3.7	17
1073	Prediction of Dilatory Behavior in eLearning: A Comparison of Multiple Machine Learning Models. <i>IEEE Transactions on Learning Technologies</i> , 2023, 16, 648-663.	2.2	1
1075	A new method employing speciesâ€”specific thresholding identifies acoustically overlapping bats. <i>Ecosphere</i> , 2022, 13, .	1.0	1

#	ARTICLE	IF	CITATIONS
1076	Russian honey bee genotype identification through enhanced marker panel set. <i>Frontiers in Insect Science</i> , 0, 2, .	0.9	0
1077	Spatial Prediction of Apartment Rent using Regression-Based and Machine Learning-Based Approaches with a Large Dataset. <i>Journal of Real Estate Finance and Economics</i> , 0, .	0.8	3
1078	Snow cover dynamics: an overlooked yet important feature of winter bird occurrence and abundance across the United States. <i>Ecography</i> , 2023, 2023, .	2.1	2
1079	Predictive mapping of wetland soil types in the Canadian Prairie Pothole Region using high-resolution digital elevation model terrain derivatives. <i>Canadian Journal of Soil Science</i> , 2023, 103, 21-46.	0.5	2
1080	Fish grabbing: Weak governance and productive waters are targets for distant water fishing. <i>PLoS ONE</i> , 2022, 17, e0278481.	1.1	4
1081	Molecular models of multiple sclerosis severity identify heterogeneity of pathogenic mechanisms. <i>Nature Communications</i> , 2022, 13, .	5.8	5
1083	Decoupling impacts of weather conditions on interannual variations in concentrations of criteria air pollutants in South China – constraining analysis uncertainties by using multiple analysis tools. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 16073-16090.	1.9	6
1084	Classification and mapping of low-statured shrubland cover types in post-agricultural landscapes of the US Northeast. <i>International Journal of Remote Sensing</i> , 2022, 43, 7117-7138.	1.3	2
1085	Automated detection of the yellow-legged hornet ( <i>Vespa velutina</i> ) using an optical sensor with machine learning. <i>Pest Management Science</i> , 2023, 79, 1225-1233.	1.7	3
1086	Statistical modelling of air quality impacts from individual forest fires in New South Wales, Australia. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 4039-4062.	1.5	2
1087	Ultrafast prediction of somatic structural variations by filtering out reads matched to pan-genome k-mer sets. <i>Nature Biomedical Engineering</i> , 2023, 7, 853-866.	11.6	4
1088	Optimal microRNA Sequencing Depth to Predict Cancer Patient Survival with Random Forest and Cox Models. <i>Genes</i> , 2022, 13, 2275.	1.0	2
1089	Comparing linear discriminant analysis and supervised learning algorithms for binary classification – A method comparison study. <i>Biometrical Journal</i> , 2024, 66, .	0.6	4
1090	Prenatal and Childbirth Risk Factors of Postpartum Pain and Depression: A Machine Learning Approach. <i>Maternal and Child Health Journal</i> , 2023, 27, 286-296.	0.7	3
1091	A prediction model for asthma exacerbations after stopping asthma biologics. <i>Annals of Allergy, Asthma and Immunology</i> , 2023, 130, 305-311.	0.5	4
1092	Using Recurrent Neural Networks for Predicting Type-2 Diabetes from Genomic and Tabular Data. <i>Diagnostics</i> , 2022, 12, 3067.	1.3	26
1093	Interpreting tree ensemble machine learning models with endoR. <i>PLoS Computational Biology</i> , 2022, 18, e1010714.	1.5	1
1094	A closer look at the kernels generated by the decision and regression tree ensembles. <i>Statistics in Biopharmaceutical Research</i> , 0, , 1-21.	0.6	1



#	ARTICLE	IF	CITATIONS
1095	Global maps of lake surface water temperatures reveal pitfalls of airâ€forâ€water substitutions in ecological prediction. <i>Ecography</i> , 2023, 2023, .	2.1	5
1096	The Utility of Machine Learning Models for Predicting Chemical Contaminants in Drinking Water: Promise, Challenges, and Opportunities. <i>Current Environmental Health Reports</i> , 2023, 10, 45-60.	3.2	5
1097	Soils in war and peace. <i>International Journal of Environmental Studies</i> , 2023, 80, 380-393.	0.7	20
1098	Development of a prototype early warning system for avian influenza in the EU based on riskâ€mapping. <i>EFSA Supporting Publications</i> , 2022, 19, .	0.3	0
1099	Simple random forest classification algorithms for predicting occurrences and sizes of wildfires. <i>Extremes</i> , 2023, 26, 331-338.	0.5	2
1100	Geostatistical semi-supervised learning for spatial prediction. <i>Artificial Intelligence in Geosciences</i> , 2022, , .	0.9	0
1101	Genomic prediction in plants: opportunities for ensemble machine learning based approaches. <i>F1000Research</i> , 0, 11, 802.	0.8	0
1102	Random forests, sound symbolism and PokÃ©mon evolution. <i>PLoS ONE</i> , 2023, 18, e0279350.	1.1	3
1103	Price elasticity of CO2 emissions in China: A machine learning approach. <i>Sustainable Production and Consumption</i> , 2023, 36, 257-280.	5.7	1
1104	Personalized online ensemble machine learning with applications for dynamic data streams. <i>Statistics in Medicine</i> , 2023, 42, 1013-1044.	0.8	1
1105	DeepCGP: A Deep Learning Method to Compress Genome-wide Polymorphisms for Predicting Phenotype of Rice. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, , 1-12.	1.9	0
1106	Comparison of Three Different Random Forest Approaches to Retrieve Daily High-Resolution Snow Cover Maps from MODIS and Sentinel-2 in a Mountain Area, Gran Paradiso National Park (NW Alps). <i>Remote Sensing</i> , 2023, 15, 343.	1.8	3
1107	Approaching the upper boundary of driver-response relationships: identifying factors using a novel framework integrating quantile regression with interpretable machine learning. <i>Frontiers of Environmental Science and Engineering</i> , 2023, 17, .	3.3	1
1108	Shapley values reveal the drivers of soil organic carbon stock prediction. <i>Soil</i> , 2023, 9, 21-38.	2.2	6
1109	Development and evaluation of a risk algorithm predicting alcohol dependence after early onset of regular alcohol use. <i>Addiction</i> , 2023, 118, 954-966.	1.7	3
1110	Multiscale Feature Fusion for the Multistage Denoising of Airborne Single Photon LiDAR. <i>Remote Sensing</i> , 2023, 15, 269.	1.8	2
1111	Predicting academic success of autistic students in higher education. <i>Autism</i> , 2023, 27, 1803-1816.	2.4	1
1112	Simulations of the M@ <sc>TE</sc> Telescope. <i>Astronomische Nachrichten</i> , 0, , .	0.6	1

#	ARTICLE	IF	CITATIONS
1113	Assessing dengue fever risk in Costa Rica by using climate variables and machine learning techniques. <i>PLoS Neglected Tropical Diseases</i> , 2023, 17, e0011047.	1.3	5
1114	Agent-Based Models Assisted by Supervised Learning: A Proposal for Model Specification. <i>Electronics (Switzerland)</i> , 2023, 12, 495.	1.8	4
1115	Efficient gene-environment interaction testing through bootstrap aggregating. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
1116	Application of the machine learning method to estimate the biomass of pacific cod in the North Kuril zone. <i>Izvestiya Tinro</i> , 2023, 202, 1002-1014.	0.2	0
1117	Utilizing evolutionary conservation to detect deleterious mutations and improve genomic prediction in cassava. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
1118	Mapping the phosphorus sorption capacity of Danish soils in four depths with quantile regression forests and uncertainty propagation. <i>Geoderma</i> , 2023, 430, 116316.	2.3	4
1119	Testing the effect of sample prevalence and sampling methods on probability- and favourability-based SDMs. <i>Ecological Modelling</i> , 2023, 477, 110248.	1.2	5
1120	Efficient permutation testing of variable importance measures by the example of random forests. <i>Computational Statistics and Data Analysis</i> , 2023, 181, 107689.	0.7	7
1121	European Epidemiological Patterns of Cannabis- and Substance-Related Congenital Neurological Anomalies: Geospatiotemporal and Causal Inferential Study. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 441.	1.2	6
1122	A Fuzzy Random Survival Forest for Predicting Lapses in Insurance Portfolios Containing Imprecise Data. <i>Mathematics</i> , 2023, 11, 198.	1.1	3
1123	Comparing Surrogate Models for Tuning Optimization Algorithms. <i>Lecture Notes in Computer Science</i> , 2022, , 347-360.	1.0	1
1124	Who is on the right track? Behavior-based prediction of diagnostic success in a collaborative diagnostic reasoning simulation. <i>Large-Scale Assessments in Education</i> , 2023, 11, .	0.8	1
1125	Predicting mortality and visualizing health care spending by predicted mortality in Danes over age 65. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
1126	INFINITY: A fast machine learning-based application for human influenza A and B virus subtyping. <i>Influenza and Other Respiratory Viruses</i> , 2023, 17, .	1.5	1
1127	A "best-in-class" systemic biomarker predictor of clinically relevant knee osteoarthritis structural and pain progression. <i>Science Advances</i> , 2023, 9, .	4.7	11
1128	Assessing and improving the transferability of current global spatial prediction models. <i>Global Ecology and Biogeography</i> , 2023, 32, 356-368.	2.7	10
1129	Analysis of Hazelnuts ( <i>Corylus avellana</i> L.) Stored for Extended Periods by <sup>1</sup> H NMR Spectroscopy Monitoring Storage-Induced Changes in the Polar and Nonpolar Metabolome. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 3093-3101.	2.4	3
1130	Exposure to isocyanates predicts atopic dermatitis prevalence and disrupts therapeutic pathways in commensal bacteria. <i>Science Advances</i> , 2023, 9, .	4.7	8

#	ARTICLE	IF	CITATIONS
1131	Classification of cow diet based on milk Mid Infrared Spectra: A data analysis competition at the 10th International Workshop on Spectroscopy and Chemometrics 2022. Chemometrics and Intelligent Laboratory Systems, 2023, 234, 104755.	1.8	5
1132	Monitoring spatial patterns of urban vegetation: A comparison of contemporary high-resolution datasets. Landscape and Urban Planning, 2023, 233, 104671.	3.4	7
1133	A review of the conservation status of Black Stork <i>Ciconia nigra</i> in South Africa, Lesotho, and Eswatini. Bird Conservation International, 2023, 33, .	0.7	1
1134	Hyperparameter Tuning of Random Forests Using Radial Basis Function Models. Lecture Notes in Computer Science, 2023, , 309-324.	1.0	2
1135	Big Data Analytics to Reduce Preventable Hospitalizations—Using Real-World Data to Predict Ambulatory Care-Sensitive Conditions. International Journal of Environmental Research and Public Health, 2023, 20, 4693.	1.2	0
1136	Multidecadal evaluation of changes in coffee-growing areas using Landsat data in Central Highlands, Vietnam. Geocarto International, 2023, 38, .	1.7	0
1137	Learning from high dimensional data based on weighted feature importance in decision tree ensembles. Computational Statistics, 2024, 39, 313-342.	0.8	0
1139	Maintenance of UK bread baking quality: Trends in wheat quality traits over 50 years of breeding and potential for future application of genomic-assisted selection. Plant Genome, 2023, 16, .	1.6	3
1140	Characterizing the interplay of treatment parameters and complexity and their impact on performance on an IROC IMRT phantom using machine learning. Radiotherapy and Oncology, 2023, 182, 109577.	0.3	0
1141	Integrating additional spectroscopically inferred soil data improves the accuracy of digital soil mapping. Geoderma, 2023, 433, 116467.	2.3	10
1142	Using machine learning to predict the correlation of spectra using SDSS magnitudes as an improvement to the Locus Algorithm. New Astronomy, 2023, 102, 102037.	0.8	0
1143	Towards an extended EfficientNet-based U-Net framework for joint optic disc and cup segmentation in the fundus image. Biomedical Signal Processing and Control, 2023, 85, 104906.	3.5	9
1144	Mapping individual tree and plot-level biomass using airborne and mobile lidar in piñon-juniper woodlands. International Journal of Applied Earth Observation and Geoinformation, 2023, 118, 103232.	0.9	2
1145	Predicting fine-scale daily NO2 over Mexico city using an ensemble modeling approach. Atmospheric Pollution Research, 2023, 14, 101763.	1.8	0
1146	Specific leaf area and vapour pressure deficit control live fuel moisture content. Functional Ecology, 2023, 37, 719-731.	1.7	2
1147	Discrete Event Simulation Using Distributional Random Forests to Model Event Outcomes. , 2022, , .		0
1148	7Be, 210Pb, airborne particulate matter and PM10 concentrations in relation to meteorological conditions in southern Poland in 1998–2016. Journal of Environmental Radioactivity, 2023, 259-260, 107122.	0.9	1
1149	Stepwise fate conversion of supporting cells to sensory hair cells in the chick auditory epithelium. IScience, 2023, 26, 106046.	1.9	6

#	ARTICLE	IF	CITATIONS
1150	Evaluating capabilities of machine learning algorithms for aquatic vegetation classification in temperate wetlands using multi-temporal Sentinel-2 data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2023, 117, 103202.	0.9	1
1151	BIRCH: An Automated Workflow for Evaluation, Correction, and Visualization of Batch Effect in Bottom-Up Mass Spectrometry-Based Proteomics Data. <i>Journal of Proteome Research</i> , 2023, 22, 471-481.	1.8	1
1152	Positive effects of projected climate change on post-disturbance forest regrowth rates in northeastern North American boreal forests. <i>Environmental Research Letters</i> , 2023, 18, 024041.	2.2	3
1153	Geospatiotemporal and Causal Inferential Study of European Epidemiological Patterns of Cannabis- and Substance-Related Congenital Orofacial Anomalies. <i>Journal of Xenobiotics</i> , 2023, 13, 42-74.	2.9	5
1154	Acoustic Cry Characteristics in Preterm Infants and Developmental and Behavioral Outcomes at 2 Years of Age. <i>JAMA Network Open</i> , 2023, 6, e2254151.	2.8	1
1155	A multivariate approach for mapping a soil quality index and its uncertainty in southern France. <i>European Journal of Soil Science</i> , 2023, 74, .	1.8	2
1157	A Predictive Model to Identify Complicated <i>Clostridiodes difficile</i> Infection. <i>Open Forum Infectious Diseases</i> , 2023, 10, .	0.4	0
1158	A new machine-learning-based prediction of survival in patients with end-stage liver disease. <i>Journal of Laboratory Medicine</i> , 2023, 47, 13-21.	1.1	0
1159	Interpretable Machine Learning for SME Financial Distress Prediction. <i>Lecture Notes in Networks and Systems</i> , 2023, , 454-464.	0.5	3
1160	Comparison of Machine Learning Algorithms for Merging Gridded Satellite and Earth-Observed Precipitation Data. <i>Water (Switzerland)</i> , 2023, 15, 634.	1.2	5
1161	Net loss of biomass predicted for tropical biomes in a changing climate. <i>Nature Climate Change</i> , 2023, 13, 274-281.	8.1	11
1162	Transferability of Covariates to Predict Soil Organic Carbon in Cropland Soils. <i>Remote Sensing</i> , 2023, 15, 876.	1.8	9
1163	Globally invariant metabolism but density-diversity mismatch in springtails. <i>Nature Communications</i> , 2023, 14, .	5.8	14
1164	Characterization of the immune cell landscape in CRC: Clinical implications of tumour-infiltrating leukocytes in early- and late-stage CRC. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
1165	Patterns of Cannabis- and Substance-Related Congenital General Anomalies in Europe: A Geospatiotemporal and Causal Inferential Study. <i>Pediatric Reports</i> , 2023, 15, 69-118.	0.5	6
1166	Leveraging Scheme for Cross-Study Microbiome Machine Learning Prediction and Feature Evaluations. <i>Bioengineering</i> , 2023, 10, 231.	1.6	1
1167	Deriving transmission losses in ephemeral rivers using satellite imagery and machine learning. <i>Hydrology and Earth System Sciences</i> , 2023, 27, 703-722.	1.9	1
1168	The lay of the land: Associations between environmental features and personality. <i>Journal of Personality</i> , 2024, 92, 88-110.	1.8	4

#	ARTICLE	IF	CITATIONS
1169	Comparison of Tree-Based Ensemble Algorithms for Merging Satellite and Earth-Observed Precipitation Data at the Daily Time Scale. <i>Hydrology</i> , 2023, 10, 50.	1.3	4
1170	Continuous mapping of aboveground biomass using Landsat time series. <i>Remote Sensing of Environment</i> , 2023, 288, 113483.	4.6	5
1171	Machine learning determination of motivators of terminal extubation during the transition to end-of-life care in intensive care unit. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
1172	Climate change disrupts core habitats of marine species. <i>Global Change Biology</i> , 2023, 29, 3304-3317.	4.2	7
1173	Learning Relationships Between Chemical and Physical Stability for Peptide Drug Development. <i>Pharmaceutical Research</i> , 2023, 40, 701-710.	1.7	1
1174	Kinome inhibition states and multiomics data enable prediction of cell viability in diverse cancer types. <i>PLoS Computational Biology</i> , 2023, 19, e1010888.	1.5	1
1176	Congenital Gastrointestinal Anomalies in Europe 2010–2019: A Geo-Spatiotemporal and Causal Inferential Study of Epidemiological Patterns in Relationship to Cannabis- and Substance Exposure. <i>Gastroenterology Insights</i> , 2023, 14, 64-109.	0.7	4
1177	Cropland Productivity Evaluation: A 100 m Resolution Country Assessment Combining Earth Observation and Direct Measurements. <i>Remote Sensing</i> , 2023, 15, 1236.	1.8	2
1178	Farm size limits agriculture's poverty reduction potential in Eastern India even with irrigation-led intensification. <i>Agricultural Systems</i> , 2023, 207, 103618.	3.2	7
1179	Cross-platform normalization enables machine learning model training on microarray and RNA-seq data simultaneously. <i>Communications Biology</i> , 2023, 6, .	2.0	8
1180	Environmental conditions and marine heatwaves influence blue whale foraging and reproductive effort. <i>Ecology and Evolution</i> , 2023, 13, .	0.8	3
1181	Identifying Plasma and Urinary Biomarkers of Fermented Food Intake and Their Associations with Cardiometabolic Health in a Dutch Observational Cohort. <i>Journal of Agricultural and Food Chemistry</i> , 2023, 71, 4426-4439.	2.4	2
1182	Framework for the Assessment of Data Masking Performance Penalties in SQL Database Servers. Case Study: Oracle. <i>IEEE Access</i> , 2023, 11, 18520-18541.	2.6	2
1183	Semiparametric Counterfactual Density Estimation. <i>Biometrika</i> , 0, , .	1.3	0
1184	Serum 1H nuclear magnetic resonance-based metabolomics of sole lesion development in Holstein cows. <i>Journal of Dairy Science</i> , 2023, 106, 2667-2684.	1.4	1
1185	Evaluating Data Fusion Methods to Improve Income Modeling. <i>Journal of Survey Statistics and Methodology</i> , 0, , .	0.5	1
1186	A MISR-Based Method for the Estimation of Particle Size Distribution: Comparison with AERONET over China. <i>Journal of Remote Sensing</i> , 2023, 3, .	3.2	0
1187	Using machine learning to retrospectively predict self-reported gambling problems in Quebec. <i>Addiction</i> , 0, , .	1.7	1

#	ARTICLE	IF	CITATIONS
1188	Alternative Predictive Models for Medicare Patient Cost. North American Actuarial Journal, 2024, 28, 126-138.	0.8	1
1189	Pitfalls and potentials in simulation studies: Questionable research practices in comparative simulation studies allow for spurious claims of superiority of any method. Biometrical Journal, 2024, 66, .	0.6	6
1190	The role of climate change and niche shifts in divergent range dynamics of a sister-species pair. , 0, 3, .		4
1191	A Machine-Learning Approach to Assess Factors Associated With Hospitalization of Children and Youths in Psychiatric Crisis. Psychiatric Services, 2023, 74, 943-949.	1.1	1
1192	Improving genomic prediction of rhizomania resistance in sugar beet (Beta vulgaris L.) by implementing epistatic effects and feature selection. F1000Research, 0, 12, 280.	0.8	2
1193	Deep next-generation proteomics and network analysis reveal systemic and tissue-specific patterns in Fabry disease. Translational Research, 2023, 258, 47-59.	2.2	3
1194	Proteochemometric Modeling Identifies Chemically Diverse Norepinephrine Transporter Inhibitors. Journal of Chemical Information and Modeling, 2023, 63, 1745-1755.	2.5	2
1195	Analyzing the Effect of Imputation on Classification Performance under MCAR and MAR Missing Mechanisms. Entropy, 2023, 25, 521.	1.1	1
1197	Overlapping outbreaks of multiple bark beetle species are rarely more severe than single-species outbreaks. Ecosphere, 2023, 14, .	1.0	0
1198	Connecting EPBM Data to Ground Movement Data Using Machine Learning. , 2023, , .		1
1199	Aberrations in the early pregnancy serum metabolic profile in women with prediabetes at two years postpartum. Metabolomics, 2023, 19, .	1.4	1
1200	Identification of representative trees in random forests based on a new tree-based distance measure. Advances in Data Analysis and Classification, 0, , .	0.9	1
1201	Management of U.S. Agricultural Lands Differentially Affects Avian Habitat Connectivity. Land, 2023, 12, 746.	1.2	0
1202	Automatic Product Classification Using Supervised Machine Learning Algorithms in Price Statistics. Mathematics, 2023, 11, 1588.	1.1	1
1203	Seeing the wood for the trees: predictive margins for random forests. Corpus Linguistics and Linguistic Theory, 2024, 20, 153-181.	0.4	0
1204	Predicting high resolution total phosphorus concentrations for soils of the Upper Mississippi River Basin using machine learning. Biogeochemistry, 2023, 163, 289-310.	1.7	0
1205	The Combined Use of Automated Milking System and Sensor Data to Improve Detection of Mild Lameness in Dairy Cattle. Animals, 2023, 13, 1180.	1.0	2
1206	Data-Independent Acquisition Phosphoproteomics of Urinary Extracellular Vesicles Enables Renal Cell Carcinoma Grade Differentiation. Molecular and Cellular Proteomics, 2023, 22, 100536.	2.5	5

#	ARTICLE	IF	CITATIONS
1207	Baseline high-resolution maps of organic carbon content in Australian soils. <i>Scientific Data</i> , 2023, 10, .	2.4	4
1208	Geometry- and Accuracy-Preserving Random Forest Proximities. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2023, 45, 10947-10959.	9.7	9
1209	Uncertainty of spatial averages and totals of natural resource maps. <i>Methods in Ecology and Evolution</i> , 2023, 14, 1320-1332.	2.2	3
1211	Machine Learning and Risk Assessment: Random Forest Does Not Outperform Logistic Regression in the Prediction of Sexual Recidivism. <i>Assessment</i> , 2024, 31, 460-481.	1.9	0
1212	Machine learning amplitudes for faster event generation. <i>Physical Review D</i> , 2023, 107, .	1.6	8
1214	Machine learning confirms new records of maniraptoran theropods in Middle Jurassic <sc>UK</sc> microvertebrate faunas. <i>Papers in Palaeontology</i> , 2023, 9, .	0.7	4
1215	Generation and comprehensive validation of 30 m conterminous United States Landsat percent tree cover and forest cover loss annual products. <i>Science of Remote Sensing</i> , 2023, 7, 100084.	2.2	1
1216	Continuous build outcome prediction: an experimental evaluation and acceptance modelling. <i>Applied Intelligence</i> , 0, , .	3.3	0
1217	A hybrid model for estimating the number concentration of ultrafine particles based on machine learning algorithms in central Taiwan. <i>Environment International</i> , 2023, 175, 107937.	4.8	3
1218	Mapping soil organic carbon fractions for Australia, their stocks, and uncertainty. <i>Biogeosciences</i> , 2023, 20, 1559-1586.	1.3	2
1219	Toward personalized care for insomnia in the US Army: development of a machine learning model to predict response to pharmacotherapy. <i>Journal of Clinical Sleep Medicine</i> , 0, , .	1.4	0
1220	Ascertaining the Inference of Bank Internal Default Probabilities Variations on Variable Rate Institutional Loan Prepayments. <i>Quarterly Journal of Finance</i> , 0, , .	0.4	0
1221	Random Forests for Survival Analysis and High-Dimensional Data. <i>Springer Handbooks</i> , 2023, , 831-847.	0.3	0
1222	Evaluating the Effect of Irradiation on the Densities of Two RNA Viruses in <i>Glossina morsitans morsitans</i> . <i>Insects</i> , 2023, 14, 397.	1.0	1
1223	The Regulatory Mendelian Mutation score for GRCh38. <i>GigaScience</i> , 2022, 12, .	3.3	2
1239	Operationalizing Machine Learning Models for Strategic Planning. , 2023, , .		0
1274	Radial Basis Function and Bayesian Methods for the Hyperparameter Optimization of Classification Random Forests. <i>Lecture Notes in Computer Science</i> , 2023, , 508-525.	1.0	0
1280	Adoption and Actual Privacy of Decentralized CoinJoin Implementations in Bitcoin. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
1305	How Teachers Influence Student Adoption and Effectiveness of a Recommendation System for Algebra. , 2023, , .		0
1311	Yggdrasil Decision Forests: A Fast and Extensible Decision Forests Library. , 2023, , .		1
1344	Forecasting and Optimizing a Microgrid for the IEEE-CIS Technical Challenge. , 2022, , .		0
1348	Research on the Optimization of Sample Point Placement for Ground Substrate Survey based on Interpretable Machine Learning. , 2023, , .		0
1369	Toward Transparent Sequence Models with Model-Based Tree Markov Model. , 2023, , .		0
1423	Predictive Mapping of Organic Carbon Content in Soils of Russia Using Ensemble Machine Learning. Springer Proceedings in Earth and Environmental Sciences, 2023, , 289-294.	0.2	0
1433	Topic-Focused Introduction to R and Data sets Used. Statistics and Computing, 2023, , 1-54.	0.1	0
1434	Nonlinear Methods. Statistics and Computing, 2023, , 273-323.	0.1	0
1435	Imputation Without a Formal Statistical Model. Statistics and Computing, 2023, , 207-235.	0.1	0
1478	A Novel Mixed Effects Random Forest Approach for Predicting Dairy Cattle Methane Emissions. , 2023, , .		0
1502	Markers of imminent myocardial infarction. , 0, , .		1