Berthold Lausen

List of Publications by Year
in descending order

85 papers	**4,963** citations	136950 **32** h-index	91884 **69** g-index
92 all docs	**92** docs citations	**92** times ranked	**7862** citing authors

#	Article	IF	Citations
1	Exact change point detection with improved power in small‑sample binomial sequences. Biometrical Journal, 2021, 63, 558-574.	1.0	1
2	Optimal Trees Selection for Classification via Out-of-Bag Assessment and Sub-Bagging. IEEE Access, 2021, 9, 28591-28607.	4.2	16
3	Ensemble of optimal trees, random forest and random projection ensemble classification. Advances in Data Analysis and Classification, 2020, 14, 97-116.	1.4	36
4	Modified Pilates as an adjunct to standard physiotherapy care for urinary incontinence: a mixed methods pilot for a randomised controlled trial. BMC Women's Health, 2018, 18, 16.	2.0	16
5	Ensemble of a subset of kNN classifiers. Advances in Data Analysis and Classification, 2018, 12, 827-840.	1.4	66
6	Introduction to the special issue on Data Science in Europe. International Journal of Data Science and Analytics, 2018, 6, 163-165.	4.1	0
7	Skeletal maturation, fundamental motor skills, and motor performance in preschool children. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2358-2368.	2.9	13
8	Skeletal Maturation, Body Size, and Motor Coordination in Youth 11–14 Years. Medicine and Science in Sports and Exercise, 2016, 48, 1129-1135.	0.4	27
9	An Ensemble of Optimal Trees for Class Membership Probability Estimation. Studies in Classification, Data Analysis, and Knowledge Organization, 2016, , 395-409.	0.2	9
10	Ensemble of Subset of k-Nearest Neighbours Models for Class Membership Probability Estimation. Studies in Classification, Data Analysis, and Knowledge Organization, 2016, , 411-421.	0.2	4
11	Decreased Usage of Specific Scrib Exons Defines a More Malignant Phenotype of Breast Cancer With Worsened Survival. EBioMedicine, 2016, 8, 150-158.	6.1	3
12	Ensemble Pruning for Glaucoma Detection in an Unbalanced Data Set. Methods of Information in Medicine, 2016, 55, 557-563.	1.2	6
13	Bayesian analysis for mixtures of discrete distributions with a non-parametric component. Journal of Applied Statistics, 2016, 43, 1369-1385.	1.3	1
14	Analysis of ChIP-seq Data Via Bayesian Finite Mixture Models with a Non-parametric Component. Studies in Classification, Data Analysis, and Knowledge Organization, 2016, , 507-517.	0.2	0
15	Skeletal maturation, fundamental motor skills and motor coordination in children 7–10 years. Journal of Sports Sciences, 2015, 33, 924-934.	2.0	59
16	Structural proteins of Kaposi's sarcoma-associated herpesvirus antagonize p53-mediated apoptosis. Oncogene, 2015, 34, 639-649.	5.9	18
17	A feature selection method for classification within functional genomics experiments based on the proportional overlapping score. BMC Bioinformatics, 2014, 15, 274.	2.6	40
18	Quantitative proteome profiling of lymph node-positive vs. -negative colorectal carcinomas pinpoints MX1 as a marker for lymph node metastasis. International Journal of Cancer, 2014, 135, 2878-2886.	5.1	21

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19	Predictive models for reablement social care packages in Essex England. International Journal of Integrated Care, 2013, 13, .	0.2	0
20	Care transition and network activation within home supported discharge service for stroke patients in Portugal. International Journal of Integrated Care, 2013, 13, .	0.2	0
21	Spiritual care in the integrated care paradigm: a road map for physiological aging and chronic illness. International Journal of Integrated Care, 2013, 13, .	0.2	0
22	Short-term secular change in height, body mass and Tanner-Whitehouse 3 skeletal maturity of Madeira youth, Portugal. Annals of Human Biology, 2012, 39, 195-205.	1.0	7
23	Combined Evaluation of Frequency Doubling Technology Perimetry and Scanning Laser Ophthalmoscopy for Glaucoma Detection Using Automated Classification. Journal of Glaucoma, 2012, 21, 27-34.	1.6	16
24	Stat1 and CD74 overexpression is co-dependent and linked to increased invasion and lymph node metastasis in triple-negative breast cancer. Journal of Proteomics, 2012, 75, 3031-3040.	2.4	92
25	Recovery of deep-water megafaunal assemblages from hydrocarbon drilling disturbance in the FaroeâˆˆShetland Channel. Marine Ecology - Progress Series, 2012, 461, 71-82.	1.9	44
26	Tele-glaucoma: Experiences and Perspectives. , 2012, , 67-75.		0
27	Classification of repeated measurements data using tree-based ensemble methods. Computational Statistics, 2011, 26, 355-369.	1.5	17
28	Informed citizen and empowered citizen in health: results from an European survey. BMC Family Practice, 2011, 12, 20.	2.9	107
29	Ensemble classification of paired data. Computational Statistics and Data Analysis, 2011, 55, 1933-1941.	1.2	12
30	Sexual Dysfunction after Rectal Surgery: A Retrospective Study of Men without Disease Recurrence. Journal of Sexual Medicine, 2010, 7, 3199-3205.	0.6	17
31	Online Communication Between Doctors and Patients in Europe: Status and Perspectives. Journal of Medical Internet Research, 2010, 12, e20.	4.3	94
32	Clinical and surgical experience with Wilms' tumor. Long-term results of a single institution. Anticancer Research, 2010, 30, 1735-9.	1.1	7
33	Comparability of Microarray Data between Amplified and Non Amplified RNA in Colorectal Carcinoma. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-9.	3.0	10
34	A Systems Biology Approach To Identify the Combination Effects of Human Herpesvirus 8 Genes on NF-Î°B Activation. Journal of Virology, 2009, 83, 2563-2574.	3.4	47
35	Outdoor work and skin cancer incidence: a registry-based study in Bavaria. International Archives of Occupational and Environmental Health, 2009, 82, 357-363.	2.3	81
36	Electrophysiological deficits in the retina of the DBA/2J mouse. Documenta Ophthalmologica, 2009, 119, 181-197.	2.2	65

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37	Bootstrap estimated true and false positive rates and ROC curve. Computational Statistics and Data Analysis, 2009, 53, 718-729.	1.2	33
38	FcÎ³RIIa genotype is associated with acute coronary syndromes as first manifestation of coronary artery disease. Atherosclerosis, 2009, 205, 512-516.	0.8	24
39	Renal cell carcinoma under 35 years of age: comparison of survival rates for symptomatic and asymptomatic patients. International Urology and Nephrology, 2008, 40, 289-293.	1.4	7
40	Polymorphisms in the novel serotonin receptor subunit gene HTR3C show different risks for acute chemotherapy-induced vomiting after anthracycline chemotherapy. Journal of Cancer Research and Clinical Oncology, 2008, 134, 1079-1086.	2.5	53
41	Estimating error rates in the classification of paired organs. Statistics in Medicine, 2008, 27, 4515-4531.	1.6	21
42	Inferior vena cava involvement in renal cell carcinoma: Comparison of survival rates between patients with thrombus and infiltration. Scandinavian Journal of Urology and Nephrology, 2008, 42, 35-39.	1.4	6
43	Molecular Signature for Lymphatic Metastasis in Colorectal Carcinomas. Annals of Surgery, 2008, 247, 803-810.	4.2	32
44	Comparison of Classifiers Applied to Confocal Scanning Laser Ophthalmoscopy Data. Methods of Information in Medicine, 2008, 47, 38-46.	1.2	16
45	The Papilla as Screening Parameter for Early Diagnosis of Glaucoma. Deutsches A&#x0308;rzteblatt International, 2008, 105, 583-9.	0.9	30
46	eHealth Trends in Europe 2005-2007: A Population-Based Survey. Journal of Medical Internet Research, 2008, 10, e42.	4.3	358
47	Glaucoma Detection With Frequency Doubling Perimetry and Short-wavelength Perimetry. Journal of Glaucoma, 2007, 16, 363-371.	1.6	17
48	Use and perception of Internet for health related purposes in Germany: results of a national survey. International Journal of Public Health, 2007, 52, 275-285.	2.6	59
49	Improving Glaucoma Diagnosis by the Combination of Perimetry and HRT Measurements. Journal of Glaucoma, 2006, 15, 299-305.	1.6	37
50	Towards automated diagnostic evaluation of retina images. Pattern Recognition and Image Analysis, 2006, 16, 671-676.	1.0	14
51	Automated segmentation of the optic nerve head for diagnosis of glaucoma. Medical Image Analysis, 2005, 9, 297-314.	11.6	143
52	Generalised indirect classifiers. Computational Statistics and Data Analysis, 2005, 49, 849-861.	1.2	3
53	Bundling classifiers by bagging trees. Computational Statistics and Data Analysis, 2005, 49, 1068-1078.	1.2	85
54	Microarray versus conventional prediction of lymph node metastasis in colorectal carcinoma. Cancer, 2005, 104, 395-404.	4.1	43

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55	FISH studies on the telomeric regions of the T-cell acute lymphoblastic leukemia cell line CCRF-CEM. Cytogenetic and Genome Research, 2005, 111, 34-40.	1.1	0
56	Diagnostic value of multifocal VEP using cross-validation and noise reduction in glaucoma research. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 361-367.	1.9	4
57	Bagging survival trees. Statistics in Medicine, 2004, 23, 77-91.	1.6	179
58	Assessment of Optimal Selected Prognostic Factors. Biometrical Journal, 2004, 46, 364-374.	1.0	101
59	Results and complications of hydrophobic acrylic vs PMMA posterior chamber lenses in children under 17Âyears of age. Graefe's Archive for Clinical and Experimental Ophthalmology, 2003, 241, 637-641.	1.9	28
60	Bagging tree classifiers for laser scanning images: a data- and simulation-based strategy. Artificial Intelligence in Medicine, 2003, 27, 65-79.	6.5	70
61	Comparison of tree-based methods for prognostic stratification of survival data. Artificial Intelligence in Medicine, 2003, 28, 323-341.	6.5	33
62	Direct and Indirect Classification in Clinical Research. Biometrical Journal, 2003, 45, 1023-1041.	1.0	1
63	Double-bagging: combining classifiers by bootstrap aggregation. Pattern Recognition, 2003, 36, 1303-1309.	8.1	112
64	On the exact distribution of maximally selected rank statistics. Computational Statistics and Data Analysis, 2003, 43, 121-137.	1.2	455
65	New Glaucoma Classification Method Based on Standard Heidelberg Retina Tomograph Parameters by Bagging Classification Trees. Journal of Glaucoma, 2003, 12, 340-346.	1.6	44
66	Automated Segmentation of the Optic Nerve Head for Glaucoma Diagnosis. Informatik Aktuell, 2003, , 338-342.	0.6	4
67	Maximally Selected Rank Statistics for Dose-Response Problems. Biometrical Journal, 2002, 44, 131-147.	1.0	22
68	Homocysteine and risk of open-angle glaucoma. Journal of Neural Transmission, 2002, 109, 1499-1504.	2.8	102
69	Glaucoma Diagnosis by Indirect Classifiers. Studies in Classification, Data Analysis, and Knowledge Organization, 2002, , 463-470.	0.2	1
70	Bagging Tree Classifiers for Glaucoma Diagnosis. , 2002, , 183-188.		1
71	Bioinformatics and Classification: The Analysis of Genome Expression Data. Studies in Classification, Data Analysis, and Knowledge Organization, 2002, , 455-461.	0.2	1
72	Bagging Combined Classifiers. Studies in Classification, Data Analysis, and Knowledge Organization, 2002, , 177-184.	0.2	2

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73	No evidence for dietary protein and dietary salt as main factors of calcium excretion in healthy children and adolescents. American Journal of Clinical Nutrition, 1999, 69, 742.	4.7	2
74	A high-resolution radiation hybrid map of the proximal region of rat Chromosome 4. Mammalian Genome, 1999, 10, 471-476.	2.2	5
75	Urinary calcium excretion in healthy children and adolescents. Pediatric Nephrology, 1999, 13, 894-899.	1.7	47
76	Development of scores to measure the effects of nutrition counselling on the overall diet: A pilot study in children and adolescents. European Journal of Nutrition, 1999, 38, 196-200.	3.9	6
77	Energiezufuhr von 1 bis 18jährigen deutschen Kindern und Jugendlichen. European Journal of Nutrition, 1998, 37, 47-55.	3.9	86
78	Evaluating the effect of optimized cutoff values in the assessment of prognostic factors. Computational Statistics and Data Analysis, 1996, 21, 307-326.	1.2	94
79	Effects of a high protein intake on renal acid excretion in bodybuilders. European Journal of Nutrition, 1995, 34, 10-15.	4.6	22
80	Dangers of Using "Optimal" Cutpoints in the Evaluation of Prognostic Factors. Journal of the National Cancer Institute, 1994, 86, 829-835.	6.3	1,026
81	Outcome-oriented Cutpoints in Analysis of Quantitative Exposures. American Journal of Epidemiology, 1994, 140, 172-184.	3.4	58
82	Classification and Regression Trees (CART) Used for the Exploration of Prognostic Factors Measured on Different Scales. Contributions To Statistics, 1994, , 483-496.	0.2	37
83	Classification and Data Analysis in Genome Projects: Some Aspects of Mapping, Alignment and Tree Reconstruction. Studies in Classification, Data Analysis, and Knowledge Organization, 1994, , 361-367.	0.2	0
84	Maximally Selected Rank Statistics. Biometrics, 1992, 48, 73.	1.4	449
85	Special issue on "Learning in data science: theory, methods and applications"—preface by the guest editors. Advances in Data Analysis and Classification, 0, , 1.	1.4	0