

# Berthold Lausen

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

4,963  
citations

136885

32  
h-index

91828

69  
g-index

92  
all docs

92  
docs citations

92  
times ranked

7862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dangers of Using "Optimal" Cutpoints in the Evaluation of Prognostic Factors. Journal of the National Cancer Institute, 1994, 86, 829-835.	3.0	1,026
2	On the exact distribution of maximally selected rank statistics. Computational Statistics and Data Analysis, 2003, 43, 121-137.	0.7	455
3	Maximally Selected Rank Statistics. Biometrics, 1992, 48, 73.	0.8	449
4	eHealth Trends in Europe 2005-2007: A Population-Based Survey. Journal of Medical Internet Research, 2008, 10, e42.	2.1	358
5	Bagging survival trees. Statistics in Medicine, 2004, 23, 77-91.	0.8	179
6	Automated segmentation of the optic nerve head for diagnosis of glaucoma. Medical Image Analysis, 2005, 9, 297-314.	7.0	143
7	Double-bagging: combining classifiers by bootstrap aggregation. Pattern Recognition, 2003, 36, 1303-1309.	5.1	112
8	Informed citizen and empowered citizen in health: results from an European survey. BMC Family Practice, 2011, 12, 20.	2.9	107
9	Homocysteine and risk of open-angle glaucoma. Journal of Neural Transmission, 2002, 109, 1499-1504.	1.4	102
10	Assessment of Optimal Selected Prognostic Factors. Biometrical Journal, 2004, 46, 364-374.	0.6	101
11	Evaluating the effect of optimized cutoff values in the assessment of prognostic factors. Computational Statistics and Data Analysis, 1996, 21, 307-326.	0.7	94
12	Online Communication Between Doctors and Patients in Europe: Status and Perspectives. Journal of Medical Internet Research, 2010, 12, e20.	2.1	94
13	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.	1.2	92
14	Energiezufuhr von 1 bis 18jÄhrigen deutschen Kindern und Jugendlichen. European Journal of Nutrition, 1998, 37, 47-55.	1.8	86
15	Bundling classifiers by bagging trees. Computational Statistics and Data Analysis, 2005, 49, 1068-1078.	0.7	85
16	Outdoor work and skin cancer incidence: a registry-based study in Bavaria. International Archives of Occupational and Environmental Health, 2009, 82, 357-363.	1.1	81
17	Bagging tree classifiers for laser scanning images: a data- and simulation-based strategy. Artificial Intelligence in Medicine, 2003, 27, 65-79.	3.8	70
18	Ensemble of a subset of kNN classifiers. Advances in Data Analysis and Classification, 2018, 12, 827-840.	0.9	66

#	ARTICLE	IF	CITATIONS
19	Electrophysiological deficits in the retina of the DBA/2J mouse. Documenta Ophthalmologica, 2009, 119, 181-197.	1.0	65
20	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.	2.7	59
21	Skeletal maturation, fundamental motor skills and motor coordination in children 7-10 years. Journal of Sports Sciences, 2015, 33, 924-934.	1.0	59
22	Outcome-oriented Cutpoints in Analysis of Quantitative Exposures. American Journal of Epidemiology, 1994, 140, 172-184.	1.6	58
23	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.	1.2	53
24	Urinary calcium excretion in healthy children and adolescents. Pediatric Nephrology, 1999, 13, 894-899.	0.9	47
25	A Systems Biology Approach To Identify the Combination Effects of Human Herpesvirus 8 Genes on NF- $\kappa$ B Activation. Journal of Virology, 2009, 83, 2563-2574.	1.5	47
26	New Glaucoma Classification Method Based on Standard Heidelberg Retina Tomograph Parameters by Bagging Classification Trees. Journal of Glaucoma, 2003, 12, 340-346.	0.8	44
27	Recovery of deep-water megafaunal assemblages from hydrocarbon drilling disturbance in the Faroe-Shetland Channel. Marine Ecology - Progress Series, 2012, 461, 71-82.	0.9	44
28	Microarray versus conventional prediction of lymph node metastasis in colorectal carcinoma. Cancer, 2005, 104, 395-404.	2.0	43
29	A feature selection method for classification within functional genomics experiments based on the proportional overlapping score. BMC Bioinformatics, 2014, 15, 274.	1.2	40
30	Improving Glaucoma Diagnosis by the Combination of Perimetry and HRT Measurements. Journal of Glaucoma, 2006, 15, 299-305.	0.8	37
31	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
32	Ensemble of optimal trees, random forest and random projection ensemble classification. Advances in Data Analysis and Classification, 2020, 14, 97-116.	0.9	36
33	Comparison of tree-based methods for prognostic stratification of survival data. Artificial Intelligence in Medicine, 2003, 28, 323-341.	3.8	33
34	Bootstrap estimated true and false positive rates and ROC curve. Computational Statistics and Data Analysis, 2009, 53, 718-729.	0.7	33
35	Molecular Signature for Lymphatic Metastasis in Colorectal Carcinomas. Annals of Surgery, 2008, 247, 803-810.	2.1	32
36	The Papilla as Screening Parameter for Early Diagnosis of Glaucoma. Deutsches A&#x0308;rztblatt International, 2008, 105, 583-9.	0.6	30

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37	Results and complications of hydrophobic acrylic vs PMMA posterior chamber lenses in children under 17 years of age. Graefes Archive for Clinical and Experimental Ophthalmology, 2003, 241, 637-641.	1.0	28
38	Skeletal Maturation, Body Size, and Motor Coordination in Youth 11-14 Years. Medicine and Science in Sports and Exercise, 2016, 48, 1129-1135.	0.2	27
39	FcγRIIIa genotype is associated with acute coronary syndromes as first manifestation of coronary artery disease. Atherosclerosis, 2009, 205, 512-516.	0.4	24
40	Effects of a high protein intake on renal acid excretion in bodybuilders. European Journal of Nutrition, 1995, 34, 10-15.	4.6	22
41	Maximally Selected Rank Statistics for Dose-Response Problems. Biometrical Journal, 2002, 44, 131-147.	0.6	22
42	Estimating error rates in the classification of paired organs. Statistics in Medicine, 2008, 27, 4515-4531.	0.8	21
43	Quantitative proteome profiling of lymph node-positive vs lymph node-negative colorectal carcinomas pinpoints MX1 as a marker for lymph node metastasis. International Journal of Cancer, 2014, 135, 2878-2886.	2.3	21
44	Structural proteins of Kaposi's sarcoma-associated herpesvirus antagonize p53-mediated apoptosis. Oncogene, 2015, 34, 639-649.	2.6	18
45	Glaucoma Detection With Frequency Doubling Perimetry and Short-wavelength Perimetry. Journal of Glaucoma, 2007, 16, 363-371.	0.8	17
46	Sexual Dysfunction after Rectal Surgery: A Retrospective Study of Men without Disease Recurrence. Journal of Sexual Medicine, 2010, 7, 3199-3205.	0.3	17
47	Classification of repeated measurements data using tree-based ensemble methods. Computational Statistics, 2011, 26, 355-369.	0.8	17
48	Comparison of Classifiers Applied to Confocal Scanning Laser Ophthalmoscopy Data. Methods of Information in Medicine, 2008, 47, 38-46.	0.7	16
49	Combined Evaluation of Frequency Doubling Technology Perimetry and Scanning Laser Ophthalmoscopy for Glaucoma Detection Using Automated Classification. Journal of Glaucoma, 2012, 21, 27-34.	0.8	16
50	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.	0.8	16
51	Optimal Trees Selection for Classification via Out-of-Bag Assessment and Sub-Bagging. IEEE Access, 2021, 9, 28591-28607.	2.6	16
52	Towards automated diagnostic evaluation of retina images. Pattern Recognition and Image Analysis, 2006, 16, 671-676.	0.6	14
53	Skeletal maturation, fundamental motor skills, and motor performance in preschool children. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2358-2368.	1.3	13
54	Ensemble classification of paired data. Computational Statistics and Data Analysis, 2011, 55, 1933-1941.	0.7	12

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55	Comparability of Microarray Data between Amplified and Non Amplified RNA in Colorectal Carcinoma. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-9.	3.0	10
56	An Ensemble of Optimal Trees for Class Membership Probability Estimation. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2016, , 395-409.	0.1	9
57	Renal cell carcinoma under 35 years of age: comparison of survival rates for symptomatic and asymptomatic patients. <i>International Urology and Nephrology</i> , 2008, 40, 289-293.	0.6	7
58	Short-term secular change in height, body mass and Tanner-Whitehouse 3 skeletal maturity of Madeira youth, Portugal. <i>Annals of Human Biology</i> , 2012, 39, 195-205.	0.4	7
59	Clinical and surgical experience with Wilms' tumor. Long-term results of a single institution. <i>Anticancer Research</i> , 2010, 30, 1735-9.	0.5	7
60	Development of scores to measure the effects of nutrition counselling on the overall diet: A pilot study in children and adolescents. <i>European Journal of Nutrition</i> , 1999, 38, 196-200.	1.8	6
61	Inferior vena cava involvement in renal cell carcinoma: Comparison of survival rates between patients with thrombus and infiltration. <i>Scandinavian Journal of Urology and Nephrology</i> , 2008, 42, 35-39.	1.4	6
62	Ensemble Pruning for Glaucoma Detection in an Unbalanced Data Set. <i>Methods of Information in Medicine</i> , 2016, 55, 557-563.	0.7	6
63	A high-resolution radiation hybrid map of the proximal region of rat Chromosome 4. <i>Mammalian Genome</i> , 1999, 10, 471-476.	1.0	5
64	Diagnostic value of multifocal VEP using cross-validation and noise reduction in glaucoma research. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 42, 361-367.	1.0	4
65	Ensemble of Subset of k-Nearest Neighbours Models for Class Membership Probability Estimation. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2016, , 411-421.	0.1	4
66	Automated Segmentation of the Optic Nerve Head for Glaucoma Diagnosis. <i>Informatik Aktuell</i> , 2003, , 338-342.	0.4	4
67	Generalised indirect classifiers. <i>Computational Statistics and Data Analysis</i> , 2005, 49, 849-861.	0.7	3
68	Decreased Usage of Specific Scrib Exons Defines a More Malignant Phenotype of Breast Cancer With Worsened Survival. <i>EBioMedicine</i> , 2016, 8, 150-158.	2.7	3
69	No evidence for dietary protein and dietary salt as main factors of calcium excretion in healthy children and adolescents. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 742.	2.2	2
70	Bagging Combined Classifiers. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2002, , 177-184.	0.1	2
71	Direct and Indirect Classification in Clinical Research. <i>Biometrical Journal</i> , 2003, 45, 1023-1041.	0.6	1
72	Bayesian analysis for mixtures of discrete distributions with a non-parametric component. <i>Journal of Applied Statistics</i> , 2016, 43, 1369-1385.	0.6	1

#	ARTICLE	IF	CITATIONS
73	Exact change point detection with improved power in small-sample binomial sequences. Biometrical Journal, 2021, 63, 558-574.	0.6	1
74	Glaucoma Diagnosis by Indirect Classifiers. Studies in Classification, Data Analysis, and Knowledge Organization, 2002, , 463-470.	0.1	1
75	Bagging Tree Classifiers for Glaucoma Diagnosis. , 2002, , 183-188.		1
76	Bioinformatics and Classification: The Analysis of Genome Expression Data. Studies in Classification, Data Analysis, and Knowledge Organization, 2002, , 455-461.	0.1	1
77	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.	0.6	0
78	Introduction to the special issue on Data Science in Europe. International Journal of Data Science and Analytics, 2018, 6, 163-165.	2.4	0
79	Special issue on "Learning in data science: theory, methods and applications" preface by the guest editors. Advances in Data Analysis and Classification, 0, , 1.	0.9	0
80	Tele-glaucoma: Experiences and Perspectives. , 2012, , 67-75.		0
81	Predictive models for reablement social care packages in Essex England. International Journal of Integrated Care, 2013, 13, .	0.1	0
82	Care transition and network activation within home supported discharge service for stroke patients in Portugal. International Journal of Integrated Care, 2013, 13, .	0.1	0
83	Spiritual care in the integrated care paradigm: a road map for physiological aging and chronic illness. International Journal of Integrated Care, 2013, 13, .	0.1	0
84	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.	0.1	0
85	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.	0.1	0