

Ruediger Mutz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

2,363

citations

21

h-index

48

g-index

63

ext. papers

2,678

ext. citations

2.6

avg, IF

5.54

L-index

#	Paper	IF	Citations
63	Growth rates of modern science: A bibliometric analysis based on the number of publications and cited references. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2215-2222	2.6	533
62	Are there better indices for evaluation purposes than the h index? A comparison of nine different variants of the h index using data from biomedicine. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 830-837		295
61	A multilevel meta-analysis of studies reporting correlations between the h index and 37 different h index variants. <i>Journal of Informetrics</i> , 2011 , 5, 346-359	3	186
60	Gender differences in grant peer review: A meta-analysis. <i>Journal of Informetrics</i> , 2007 , 1, 226-238	3	163
59	Turning the tables on citation analysis one more time: Principles for comparing sets of documents. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1370-1381		120
58	The use of percentiles and percentile rank classes in the analysis of bibliometric data: Opportunities and limits. <i>Journal of Informetrics</i> , 2013 , 7, 158-165	3	121
57	Gender Effects in the Peer Reviews of Grant Proposals: A Comprehensive Meta-Analysis Comparing Traditional and Multilevel Approaches. <i>Review of Educational Research</i> , 2009 , 79, 1290-1326	10.2	99
56	A reliability-generalization study of journal peer reviews: a multilevel meta-analysis of inter-rater reliability and its determinants. <i>PLoS ONE</i> , 2010 , 5, e14331	3.6	99
55	Further steps towards an ideal method of measuring citation performance: The avoidance of citation (ratio) averages in field-normalization. <i>Journal of Informetrics</i> , 2011 , 5, 228-230	3	96
54	A multilevel modelling approach to investigating the predictive validity of editorial decisions: do the editors of a high profile journal select manuscripts that are highly cited after publication?. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2011 , 174, 857-879	2	52
53	Does Gender Matter in Grant Peer Review?: An Empirical Investigation Using the Example of the Austrian Science Fund. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2012 , 220, 121-129	1.8	49
52	The h index research output measurement: Two approaches to enhance its accuracy. <i>Journal of Informetrics</i> , 2010 , 4, 407-414	3	45
51	Multilevel-statistical reformulation of citation-based university rankings: The Leiden ranking 2011/2012. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 1649-1658		41
50	Modelling juvenile-mature wood transition in Scots pine (<i>Pinus sylvestris</i> L.) using nonlinear mixed-effects models. <i>Annals of Forest Science</i> , 2004 , 61, 831-841	3.1	39
49	Ranking and mapping of universities and research-focused institutions worldwide based on highly-cited papers. <i>Online Information Review</i> , 2014 , 38, 43-58	2	36
48	What is the effect of country-specific characteristics on the research performance of scientific institutions? Using multi-level statistical models to rank and map universities and research-focused institutions worldwide. <i>Journal of Informetrics</i> , 2014 , 8, 581-593	3	33
47	Heterogeneity of inter-rater reliabilities of grant peer reviews and its determinants: a general estimating equations approach. <i>PLoS ONE</i> , 2012 , 7, e48509	3.6	32

46	Identifying single influential publications in a research field: new analysis opportunities of the CRExplorer. <i>Scientometrics</i> , 2018 , 116, 591-608	2.9	28
45	Skewed citation distributions and bias factors: Solutions to two core problems with the journal impact factor. <i>Journal of Informetrics</i> , 2012 , 6, 169-176	3	26
44	Do universities or research institutions with a specific subject profile have an advantage or a disadvantage in institutional rankings?. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 2310-2316		26
43	Do we need the h index and its variants in addition to standard bibliometric measures?. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 1286-1289		23
42	Are there really two types of h index variants? A validation study by using molecular life sciences data. <i>Research Evaluation</i> , 2009 , 18, 185-190	1.7	21
41	University and student segmentation: multilevel latent-class analysis of students' attitudes towards research methods and statistics. <i>British Journal of Educational Psychology</i> , 2013 , 83, 280-304	3.2	16
40	Enhancing the h index for the objective assessment of healthcare researcher performance and impact. <i>Journal of the Royal Society of Medicine</i> , 2013 , 106, 19-29	2.2	16
39	How to detect indications of potential sources of bias in peer review: A generalized latent variable modeling approach exemplified by a gender study. <i>Journal of Informetrics</i> , 2008 , 2, 280-287	3	16
38	Cross-disciplinary research: What configurations of fields of science are found in grant proposals today?. <i>Research Evaluation</i> , 2015 , 24, 30-36	1.7	14
37	Latent Markov modeling applied to grant peer review. <i>Journal of Informetrics</i> , 2008 , 2, 217-228	3	14
36	The advantage of the use of samples in evaluative bibliometric studies. <i>Journal of Informetrics</i> , 2013 , 7, 89-90	3	13
35	Forstliches Engagement und forstliches Engagementpotenzial von Privatwaldbesitzern in Nordrhein-Westfalen [Analyse auf der Basis des Mixed-Rasch-Modells. <i>European Journal of Forest Research</i> , 2002 , 121, 35-48		13
34	Entwicklung eines Hochschul-Rankingverfahrens mittels Mixed-Rasch-Modell und Mehrebenenanalyse am Beispiel der Psychologie. <i>Diagnostica</i> , 2007 , 53, 3-16	0.8	13
33	Testing for the fairness and predictive validity of research funding decisions: A multilevel multiple imputation for missing data approach using ex-ante and ex-post peer evaluation data from the Austrian science fund. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2321-2339	2.6	12
32	The generalized propensity score methodology for estimating unbiased journal impact factors. <i>Scientometrics</i> , 2012 , 92, 377-390	2.9	11
31	Excellence networks in science: A Web-based application based on Bayesian multilevel logistic regression (BMLR) for the identification of institutions collaborating successfully. <i>Journal of Informetrics</i> , 2016 , 10, 312-327	3	9
30	Are there any frontiers of research performance? Efficiency measurement of funded research projects with the Bayesian stochastic frontier analysis for count data. <i>Journal of Informetrics</i> , 2017 , 11, 613-628	3	9
29	The influence of the applicants' gender on the modeling of a peer review process by using latent Markov models. <i>Scientometrics</i> , 2009 , 81, 407-411	2.9	9

28	From P100 to P100': A new citation-rank approach. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 1939-1943	2.6	7
27	What is behind the curtain of the Leiden Ranking?. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 1950-1953	2.6	7
26	Types of research output profiles: A multilevel latent class analysis of the Austrian Science Fund's final project report data. <i>Research Evaluation</i> , 2012 ,	1.7	7
25	A Nomothetic Version of the Brunswikian Lens Model. <i>Zeitschrift Fuer Psychologie Mit Zeitschrift Fuer Angewandte Psychologie</i> , 2010 , 218, 175-184		6
24	How to consider fractional counting and field normalization in the statistical modeling of bibliometric data: A multilevel Poisson regression approach. <i>Journal of Informetrics</i> , 2019 , 13, 643-657	3	5
23	Ranking and mapping of universities and research-focused institutions worldwide: The third release of excellencemapping.net. <i>Collnet Journal of Scientometrics and Information Management</i> , 2015 , 9, 65-72	0.4	5
22	The effect of the Very important paper (VIP) designation in <i>Angewandte Chemie International Edition</i> on citation impact: A propensity score matching analysis. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 2139-2153	2.6	5
21	Row-column (RC) association model applied to grant peer review. <i>Scientometrics</i> , 2007 , 73, 139-147	2.9	5
20	Growth rates of modern science: a latent piecewise growth curve approach to model publication numbers from established and new literature databases. <i>Humanities and Social Sciences Communications</i> , 2021 , 8,	2.8	7
19	Introducing and testing an advanced quantitative methodological approach for the evaluation of research centers: a case study on sustainability science. <i>Research Evaluation</i> , 2020 , 29, 135-149	1.7	4
18	Clusteranalytische Bestimmung von Patchworkertypen sowie deren quantitative und qualitative Validierung. <i>Zeitschrift Fur Arbeits- Und Organisationspsychologie</i> , 2009 , 53, 131-141	0.8	4
17	Privatwaldforschung in Deutschland: Überblick und Folgerungen Private forest owner research in Germany: Overview and implications. <i>Schweizerische Zeitschrift Fur Forstwesen</i> , 2007 , 158, 285-292	0.4	4
16	Should citations be field-normalized in evaluative bibliometrics? An empirical analysis based on propensity score matching. <i>Journal of Informetrics</i> , 2020 , 14, 101098	3	3
15	MHq indicators for zero-inflated count data [A response to Smolinsky and Marx (2018)]. <i>Journal of Informetrics</i> , 2018 , 12, 1012-1014	3	2
14	Some further aspects of sampling: Comment on Williams and Bornmann. <i>Journal of Informetrics</i> , 2016 , 10, 1241-1242	3	2
13	Warum studiert man Psychologie? 1Der Seniorautor widmet diesen Beitrag Herrn Rudolf Fisch, bis zu seiner Emeritierung im Juni 2007 Professor für Empirische Sozialwissenschaften an der Deutschen Hochschule für Verwaltungswissenschaften Speyer und Rektor der Hochschule, zu dessen 68. Geburtstag. <i>Psychologische Rundschau</i> , 2008 , 59, 47-51	0.6	2
12	Mapping the impact of papers on various status groups in excellencemapping.net: a new release of the excellence mapping tool based on citation and reader scores. <i>Scientometrics</i> , 2021 , 126, 9305-9331	2.9	2
11	How well does a university perform in comparison with its peers? The use of odds, and odds ratios, for the comparison of institutional citation impact using the Leiden Rankings. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2711-2713	2.6	1

10	MHq indicators for zero-inflated count data – A response to the comment by Smolinsky (in press). <i>Journal of Informetrics</i> , 2019 , 13, 464-465	3	1
9	The bibliometric quotient (BQ), or how to measure a researcher's performance capacity: A Bayesian Poisson Rasch model. <i>Journal of Informetrics</i> , 2018 , 12, 1282-1295	3	1
8	Hochschul-Rankings: Probleme, Lösungsvorschläge und ein Modell auf Basis des Studententests. <i>Zeitschrift für Pädagogische Psychologie</i> , 2010 , 147-158		1
7	Ätitude-Mining – Analyse räumlicher Muster von Waldbesitzermotiven in Nordrhein-Westfalen. <i>Zeitschrift Für Sozialpsychologie</i> , 2002 , 33, 101-109		1
6	Multivariate Reliabilitäts- und Generalisierbarkeitstheorie in der Lehrevaluationsforschung. <i>Zeitschrift Fur Padagogische Psychologie</i> , 2003 , 17, 245-254	1.3	1
5	Funding decision-making systems: An empirical comparison of continuous and dichotomous approaches based on psychometric theory. <i>Research Evaluation</i> , 2016 , rvw002	1.7	
4	Datenanalysestrategien in der forstlichen Forschung mittels Datenbox und multivariater Kreuzproduktzerlegung am Beispiel der Holzforschung. <i>European Journal of Forest Research</i> , 1996 , 115, 193-201		
3	Diversity and interdisciplinarity: Should variety, balance and disparity be combined as a product or better as a sum? An information-theoretical and statistical estimation approach. <i>Scientometrics</i> , 2011 , 86, 1-11	2.9	
2	Holzfeuchte in Fichtenstämmen (Picea abies (L.) Karst.) bei Ganzbaumlagerung im Bestand Moisture content of stems of Norway spruce (Picea abies (L.) Karst.) after full tree storage in the stand. <i>Schweizerische Zeitschrift Fur Forstwesen</i> , 2002 , 153, 210-218	0.4	
1	Hochschulwahl von Psychologie-Studierenden in Deutschland: ein Logit-Modell für Mengen ranggeordneter Objekte. <i>Physics and Chemistry of Minerals</i> , 2010 , 57, 194-208	1.2	