Robert J W Tijssen

List of Publications by Year
in descending order

70	4,103	182225 30	134545 62
papers	citations	h-index	g-index

71	71	71	3146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global and Local Research Excellence in Africa: New Perspectives on Performance Assessment and Funding. Science, Technology and Society, 2022, 27, 368-387.	1.1	3
2	Localization, regionalization and globalization of universityâ€•business research coâ€•operation in the United Kingdom. Papers in Regional Science, 2020, 99, 1215-1237.	1.0	6
3	Searching for new breakthroughs in science: How effective are computerised detection algorithms?. Technological Forecasting and Social Change, 2019, 146, 673-686.	6.2	21
4	University-industry scientific production and the Great Recession. Technological Forecasting and Social Change, 2019, 139, 210-220.	6.2	21
5	Research excellence in Africa: Policies, perceptions, and performance. Science and Public Policy, 2018, 45, 392-403.	1.2	25
6	Capturing â€˜R&D excellenceâ€™: indicators, international statistics, and innovative universities. Scientometrics, 2018, 114, 687-699.	1.6	17
7	Anatomy of use-inspired researchers: From Pasteurâ€™s Quadrant to Pasteurâ€™s Cube model. Research Policy, 2018, 47, 1626-1638.	3.3	22
8	UK universities and European industry. Nature, 2017, 544, 35-35.	13.7	5
9	University-driven inclusive innovations in the Western Cape of South Africa: Towards a research framework of innovation regimes. African Journal of Science, Technology, Innovation and Development, 2017, 9, 7-19.	0.8	15
10	University-industry research collaboration in the Brazilian oil industry: the case of Petrobras. Revista Brasileira De InovaÃ§Ã£o, 2017, 16, 325.	0.2	8
11	Theoryâ€•changing breakthroughs in science: The impact of research teamwork on scientific discoveries. Journal of the Association for Information Science and Technology, 2016, 67, 1210-1223.	1.5	14
12	Twenty-first century macro-trends in the institutional fabric of science: bibliometric monitoring and analysis. Scientometrics, 2016, 109, 2181-2194.	1.6	19
13	Universityâ€“industry R&D linkage metrics: validity and applicability in world university rankings. Scientometrics, 2016, 109, 677-696.	1.6	29
14	Do universityâ€“industry co-publication outputs correspond with university funding from firms?. Research Evaluation, 2016, 25, 136-150.	1.3	9
15	University-Industry Collaboration in China and the USA: A Bibliometric Comparison. PLoS ONE, 2016, 11, e0165277.	1.1	25
16	Do science parks promote research and technology? A scientometric analysis of the UK. Scientometrics, 2015, 102, 701-725.	1.6	53
17	Early stage identification of breakthroughs at the interface of science and technology: lessons drawn from a landmark publication. Scientometrics, 2015, 102, 113-134.	1.6	18
18	R&D dynamics and scientific breakthroughs in HIV/AIDS drugs development: the case of Integrase Inhibitors. Scientometrics, 2014, 101, 1-16.	1.6	27

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19	Academic inventions and patents in the Netherlands: A case study on business sector exploitation. World Patent Information, 2014, 38, 27-32.	0.7	7
20	Acquisition of European research funds and its effect on international scientific collaboration. Journal of Economic Geography, 2013, 13, 23-52.	1.6	83
21	Geographical distance in bibliometric relations within epistemic communities. Scientometrics, 2013, 95, 771-784.	1.6	15
22	Relational arenas in a regional Higher Education system: Insights from an empirical analysis. Research Evaluation, 2012, 21, 291-305.	1.3	10
23	Co-authored research publications and strategic analysis of public-private collaboration. Research Evaluation, 2012, 21, 204-215.	1.3	45
24	The Leiden ranking 2011/2012: Data collection, indicators, and interpretation. Journal of the Association for Information Science and Technology, 2012, 63, 2419-2432.	2.6	284
25	The Pilot Test and Its Outcomes. Higher Education Dynamics, 2012, , 135-166.	0.1	0
26	Globalisation of science in kilometres. Journal of Informetrics, 2011, 5, 574-582.	1.4	69
27	Designing indicators for policy decisions: challenges, tensions and good practices: introduction to a special issue. Research Evaluation, 2011, 20, 3-5.	1.3	8
28	Collaborations span 1,553 kilometres. Nature, 2011, 473, 154-154.	13.7	10
29	Discarding the â€˜basic science/applied scienceâ€™ dichotomy: A knowledge utilization triangle classification system of research journals. Journal of the Association for Information Science and Technology, 2010, 61, 1842-1852.	2.6	41
30	Research collaboration at a distance: Changing spatial patterns of scientific collaboration within Europe. Research Policy, 2010, 39, 662-673.	3.3	395
31	Anthony van Raan and bibliometrics. Research Evaluation, 2010, 19, 158-160.	1.3	0
32	Internationalisation of pharmaceutical R&D: how globalised are Europe's largest multinational companies?. Technology Analysis and Strategic Management, 2009, 21, 859-879.	2.0	28
33	Benchmarking universityâ€“industry research cooperation worldwide: performance measurements and indicators based on co-authorship data for the world's largest universities. Research Evaluation, 2009, 18, 13-24.	1.3	70
34	Chinese researchers returning home: Impacts of international mobility on research collaboration and scientific productivity. Scientometrics, 2008, 77, 309-333.	1.6	233
35	Is the randomized controlled drug trial in Europe lagging behind the USA?. British Journal of Clinical Pharmacology, 2008, 66, 774-780.	1.1	5
36	Are we moving towards an integrated European Research Area?. Collnet Journal of Scientometrics and Information Management, 2008, 2, 19-25.	0.4	14

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37	Research cooperation within the bio-pharmaceutical industry: Network analyses of co-publications within and between firms. Scientometrics, 2007, 71, 87-99.	1.6	40
38	Africaâ€™s contribution to the worldwide research literature: New analytical perspectives, trends, and performance indicators. Scientometrics, 2007, 71, 303-327.	1.6	163
39	How relevant are local scholarly journals in global science? A case study of South Africa. Research Evaluation, 2006, 15, 163-174.	1.3	43
40	Universities and industrially relevant science: Towards measurement models and indicators of entrepreneurial orientation. Research Policy, 2006, 35, 1569-1585.	3.3	121
41	Measuring impacts of academic science on industrial research: A citation-based approach. Scientometrics, 2006, 66, 55-69.	1.6	25
42	Scientific capabilities and technological performance of national innovation systems: An exploration of emerging industrial relevant research domains. Scientometrics, 2006, 66, 295-310.	1.6	44
43	Commercialization of Corporate Science and the Production of Research Articles. , 2005, , .		0
44	Is the commercialisation of scientific research affecting the production of public knowledge?. Research Policy, 2004, 33, 709-733.	3.3	115
45	Measuring and Evaluating Scienceâ€"Technology Connections and Interactions. , 2004, , 695-715.		20
46	Scoreboards of research excellence. Research Evaluation, 2003, 12, 91-103.	1.3	62
47	Science dependence of technologies: evidence from inventions and their inventors. Research Policy, 2002, 31, 509-526.	3.3	102
48	Title is missing!. Scientometrics, 2002, 54, 381-397.	1.6	178
49	Global and domestic utilization of industrial relevant science: patent citation analysis of scienceâ€"technology interactions and knowledge flows. Research Policy, 2001, 30, 35-54.	3.3	216
50	Title is missing!. Scientometrics, 2001, 51, 335-346.	1.6	297
51	First evidence of serious language-bias in the use of citation analysis for the evaluation of national science systems. Research Evaluation, 2000, 9, 155-156.	1.3	36
52	Interdisciplinary dynamics of modern science: analysis of cross-disciplinary citation flows. Research Evaluation, 2000, 9, 183-187.	1.3	104
53	In search of the European Paradox: an international comparison of Europe's scientific performance and knowledge flows in information and communication technologies research. Research Policy, 1999, 28, 519-543.	3.3	49
54	Research and research impact of a technical universityâ€"A bibliometric study. Scientometrics, 1998, 41, 371-388.	1.6	12

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55	The global science base of information and communication technologiges: Bibliometric analysis of ICT research papers. Scientometrics, 1998, 42, 41-60.	1.6	10
56	Quantitative assessment of large heterogeneous R&D networks: the case of process engineering in the Netherlands. Research Policy, 1998, 26, 791-809.	3.3	56
57	Unravelling the cognitive and interorganisational structure of public/private R&D networks: A case study of catalysis research in the Netherlands. Research Policy, 1997, 25, 1277-1293.	3.3	30
58	Scientific publication activity of industry in the Netherlands. Research Evaluation, 1996, 6, 105-119.	1.3	16
59	On generalising scientometric journal mapping beyond ISI's journal and citation databases. Scientometrics, 1995, 33, 93-116.	1.6	18
60	Mapping Changes in Science and Technology. Evaluation Review, 1994, 18, 98-115.	0.4	95
61	The measurement of international scientific collaboration. Scientometrics, 1993, 28, 15-36.	1.6	246
62	A scientometric cognitive study of neural network research: Expert mental maps versus bibliometric maps. Scientometrics, 1993, 28, 111-136.	1.6	20
63	Assessing multidisciplinary areas of science and technology: A synthetic bibliometric study of Dutch nuclear energy research. Scientometrics, 1993, 26, 115-133.	1.6	11
64	The neural net of neural network research. Scientometrics, 1993, 26, 169-192.	1.6	91
65	A quantitative assessment of interdisciplinary structures in science and technology: Co-classification analysis of energy research. Research Policy, 1992, 21, 27-44.	3.3	122
66	International scientific co-operation and awareness within the European community: Problems and perspectives. Scientometrics, 1991, 21, 291-311.	1.6	53
67	Net citation balances: A measure of influence between scientific journals. Journal of the Association for Information Science and Technology, 1990, 41, 298-304.	1.2	9
68	Integrating multiple sources of information in literature-based maps of science. Journal of Information Science, 1990, 16, 217-227.	2.0	8
69	Mapping co-word structures: A comparison of multidimensional scaling and leximappe. Scientometrics, 1989, 15, 283-295.	1.6	35
70	National Scientific Capabilities and Technological Performance: An Exploration of Emerging Industrial Relevant Research Domains. SSRN Electronic Journal, 0, , .	0.4	1