

# Alan L Porter

## 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.

254  
papers

7,021  
citations

44  
h-index

76  
g-index

284  
ext. papers

8,247  
ext. citations

4.8  
avg, IF

6.28  
L-index

#	Paper	IF	Citations
254	Is science becoming more interdisciplinary? Measuring and mapping six research fields over time. <i>Scientometrics</i> , <b>2009</b> , 81, 719-745	3	432
253	Science overlay maps: A new tool for research policy and library management. <i>Journal of the Association for Information Science and Technology</i> , <b>2010</b> , 61, 1871-1887		258
252	Refining search terms for nanotechnology. <i>Journal of Nanoparticle Research</i> , <b>2008</b> , 10, 715-728	2.3	252
251	Measuring researcher interdisciplinarity. <i>Scientometrics</i> , <b>2007</b> , 72, 117-147	3	229
250	Technology futures analysis: Toward integration of the field and new methods. <i>Technological Forecasting and Social Change</i> , <b>2004</b> , 71, 287-303	9.5	217
249	Innovation forecasting. <i>Technological Forecasting and Social Change</i> , <b>1997</b> , 56, 25-47	9.5	198
248	Technology opportunities analysis. <i>Technological Forecasting and Social Change</i> , <b>1995</b> , 49, 237-255	9.5	167
247	Translation of innovative designs into phase I trials. <i>Journal of Clinical Oncology</i> , <b>2007</b> , 25, 4982-6	2.2	158
246	How interdisciplinary is nanotechnology?. <i>Journal of Nanoparticle Research</i> , <b>2009</b> , 11, 1023-1041	2.3	148
245	Interdisciplinary research: meaning, metrics and nurture. <i>Research Evaluation</i> , <b>2006</b> , 15, 187-196	1.7	146
244	Automated extraction and visualization of information for technological intelligence and forecasting. <i>Technological Forecasting and Social Change</i> , <b>2002</b> , 69, 495-506	9.5	135
243	On the Future of Technological Forecasting. <i>Technological Forecasting and Social Change</i> , <b>2001</b> , 67, 1-17	9.5	123
242	An indicator of cross-disciplinary research. <i>Scientometrics</i> , <b>1985</b> , 8, 161-176	3	118
241	Clustering scientific documents with topic modeling. <i>Scientometrics</i> , <b>2014</b> , 100, 767-786	3	117
240	Capturing new developments in an emerging technology: an updated search strategy for identifying nanotechnology research outputs. <i>Scientometrics</i> , <b>2013</b> , 95, 351-370	3	114
239	Emerging technologies: quantitative identification and measurement. <i>Technology Analysis and Strategic Management</i> , <b>2010</b> , 22, 361-376	3.2	113
238	Research profiling: Improving the literature review. <i>Scientometrics</i> , <b>2002</b> , 53, 351-370	3	108

237	Technology life cycle analysis method based on patent documents. <i>Technological Forecasting and Social Change</i> , <b>2013</b> , 80, 398-407	9.5	106
236	Forecasting Innovation Pathways (FIP) for new and emerging science and technologies. <i>Technological Forecasting and Social Change</i> , <b>2013</b> , 80, 267-285	9.5	105
235	Term clumping for technical intelligence: A case study on dye-sensitized solar cells. <i>Technological Forecasting and Social Change</i> , <b>2014</b> , 85, 26-39	9.5	100
234	Topic analysis and forecasting for science, technology and innovation: Methodology with a case study focusing on big data research. <i>Technological Forecasting and Social Change</i> , <b>2016</b> , 105, 179-191	9.5	95
233	<b>2004</b> ,		95
232	Nanotechnology publications and citations by leading countries and blocs. <i>Journal of Nanoparticle Research</i> , <b>2008</b> , 10, 981-986	2.3	89
231	How interdisciplinary is a given body of research?. <i>Research Evaluation</i> , <b>2008</b> , 17, 273-282	1.7	85
230	Four dimensional Science and Technology planning: A new approach based on bibliometrics and technology roadmapping. <i>Technological Forecasting and Social Change</i> , <b>2014</b> , 81, 39-48	9.5	84
229	Patent overlay mapping: Visualizing technological distance. <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 2432-2443	2.7	82
228	A systematic method to create search strategies for emerging technologies based on the Web of Science: illustrated for Big Data. <i>Scientometrics</i> , <b>2015</b> , 105, 2005-2022	3	70
227	Evolutionary trend analysis of nanogenerator research based on a novel perspective of phased bibliographic coupling. <i>Nano Energy</i> , <b>2017</b> , 34, 93-102	17.1	64
226	Where does nanotechnology belong in the map of science?. <i>Nature Nanotechnology</i> , <b>2009</b> , 4, 534-6	28.7	60
225	Frameworks for integrating interdisciplinary research. <i>Research Policy</i> , <b>1979</b> , 8, 70-79	7.5	59
224	Measuring national emerging technology capabilities. <i>Science and Public Policy</i> , <b>2002</b> , 29, 189-200	1.8	56
223	A hybrid visualisation model for technology roadmapping: bibliometrics, qualitative methodology and empirical study. <i>Technology Analysis and Strategic Management</i> , <b>2013</b> , 25, 707-724	3.2	55
222	Peer Review of Interdisciplinary Research Proposals. <i>Science Technology and Human Values</i> , <b>1985</b> , 10, 33-38	2.5	54
221	QTIP: Quick technology intelligence processes. <i>Technological Forecasting and Social Change</i> , <b>2005</b> , 72, 1070-1081	9.5	53
220	Does deep learning help topic extraction? A kernel k-means clustering method with word embedding. <i>Journal of Informetrics</i> , <b>2018</b> , 12, 1099-1117	3.1	53

219	Citation Analysis: Queries and Caveats. <i>Social Studies of Science</i> , <b>1977</b> , 7, 257-267	2.4	52
218	Is there a shift to "active nanostructures"?. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 1-10	2.3	51
217	Nanopatenting patterns in relation to product life cycle. <i>Technological Forecasting and Social Change</i> , <b>2007</b> , 74, 1661-1680	9.5	51
216	Insights into relationships between disruptive technology/innovation and emerging technology: A bibliometric perspective. <i>Technological Forecasting and Social Change</i> , <b>2018</b> , 129, 285-296	9.5	51
215	Identification of technology development trends based on subject-action-object analysis: The case of dye-sensitized solar cells. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 98, 24-46	9.5	46
214	How to combine term clumping and technology roadmapping for newly emerging science & technology competitive intelligence: A problem & solution-pattern based semantic TRIZ tool and case study. <i>Scientometrics</i> , <b>2014</b> , 101, 1375-1389	3	46
213	Triple Helix innovation in China's dye-sensitized solar cell industry: hybrid methods with semantic TRIZ and technology roadmapping. <i>Scientometrics</i> , <b>2014</b> , 99, 55-75	3	45
212	<b>2011,</b>		45
211	A forward diversity index. <i>Scientometrics</i> , <b>2012</b> , 90, 407-427	3	44
210	A bibliometric study of China's science and technology policies: 1949-2010. <i>Scientometrics</i> , <b>2015</b> , 102, 1521-1539	3	42
209	Research Coordination Networks: Evidence of the Relationship between Funded Interdisciplinary Networking and Scholarly Impact. <i>BioScience</i> , <b>2012</b> , 62, 282-288	5.7	41
208	A hybrid method to trace technology evolution pathways: a case study of 3D printing. <i>Scientometrics</i> , <b>2017</b> , 111, 185-204	3	38
207	Mining external R&D. <i>Technovation</i> , <b>2011</b> , 31, 171-176	7.9	37
206	A patent analysis method to trace technology evolutionary pathways. <i>Scientometrics</i> , <b>2014</b> , 100, 705-721	3	36
205	The emergence of social science research on nanotechnology. <i>Scientometrics</i> , <b>2010</b> , 85, 595-611	3	36
204	EFTE: An interactive Delphi method. <i>Technological Forecasting and Social Change</i> , <b>1985</b> , 28, 43-61	9.5	36
203	An indicator of technical emergence. <i>Scientometrics</i> , <b>2018</b> , 115, 35-49	3	35
202	Text mining of information resources to inform Forecasting Innovation Pathways. <i>Technology Analysis and Strategic Management</i> , <b>2012</b> , 24, 843-861	3.2	35

201	The research profiling method applied to nano-enhanced, thin-film solar cells. <i>R and D Management</i> , <b>2010</b> , 40, 195-208	4.1	35
200	The ABCs of ABDs: A Study of Incomplete Doctorates. <i>Improving College and University Teaching</i> , <b>1983</b> , 31, 74-81		35
199	Analyzing patent topical information to identify technology pathways and potential opportunities. <i>Scientometrics</i> , <b>2015</b> , 102, 811-827	3	34
198	Technology roadmapping for competitive technical intelligence. <i>Technological Forecasting and Social Change</i> , <b>2016</b> , 110, 175-186	9.5	34
197	Technology foresight: types and methods. <i>International Journal of Foresight and Innovation Policy</i> , <b>2010</b> , 6, 36	0.7	34
196	R&D cluster quality measures and technology maturity. <i>Technological Forecasting and Social Change</i> , <b>2003</b> , 70, 735-758	9.5	32
195	A hybrid similarity measure method for patent portfolio analysis. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 1108-1130	3.130	32
194	Comparing methods to extract technical content for technological intelligence. <i>Journal of Engineering and Technology Management - JET-M</i> , <b>2014</b> , 32, 97-109	3.7	31
193	Nano-enabled drug delivery: a research profile. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 889-96	6	30
192	Emergence scoring to identify frontier R&D topics and key players. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 628-643	9.5	29
191	Discovering and forecasting interactions in big data research: A learning-enhanced bibliometric study. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 795-807	9.5	28
190	How Does National Scientific Funding Support Emerging Interdisciplinary Research: A Comparison Study of Big Data Research in the US and China. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154509	3.7	28
189	Vaccine- and natural infection-induced mechanisms that could modulate vaccine safety. <i>Toxicology Reports</i> , <b>2020</b> , 7, 1448-1458	4.8	28
188	Career Patterns of Scientists: A Case for Complementary Data. <i>American Sociological Review</i> , <b>1981</b> , 46, 488	10.1	27
187	Anticipating the future high-tech competitiveness of nations: Indicators for twenty-eight countries. <i>Technological Forecasting and Social Change</i> , <b>1996</b> , 51, 133-149	9.5	26
186	Effects of non-hydrogen-bonding anesthetics on memory in the chick. <i>Behavioral Biology</i> , <b>1974</b> , 10, 365-75		26
185	[Comment] COVID-19 vaccine safety. <i>International Journal of Molecular Medicine</i> , <b>2020</b> , 46, 1599-1602	4.4	26
184	A technology opportunities analysis model: applied to dye-sensitised solar cells for China. <i>Technology Analysis and Strategic Management</i> , <b>2014</b> , 26, 87-104	3.2	25

183	Nano-enabled drug delivery systems for brain cancer and Alzheimer's disease: research patterns and opportunities. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 1763-71	6	24
182	Characterising a technology development at the stage of early emerging applications: nanomaterial-enhanced biosensors. <i>Technology Analysis and Strategic Management</i> , <b>2011</b> , 23, 527-544	3.2	24
181	Visualization of Disciplinary Profiles: Enhanced Science Overlay Maps. <i>Journal of Data and Information Science</i> , <b>2017</b> , 2, 68-111	1.2	23
180	A taxonomy of small firm technology commercialization. <i>Industrial and Corporate Change</i> , <b>2016</b> , 25, 371-405		22
179	An analytical review of the effects of non-hydrogen-bonding anesthetics on memory processing. <i>Behavioral Biology</i> , <b>1972</b> , 7, 291-309		22
178	Empirically informing a technology delivery system model for an emerging technology: illustrated for dye-sensitized solar cells. <i>R and D Management</i> , <b>2012</b> , 42, 133-149	4.1	21
177	A Systems Model of Innovation Processes in University STEM Education. <i>Journal of Engineering Education</i> , <b>2006</b> , 95, 13-24	2.3	21
176	[Editorial] COVID-19: Post-lockdown guidelines. <i>International Journal of Molecular Medicine</i> , <b>2020</b> , 46, 463-466	4.4	21
175	Combining SAO semantic analysis and morphology analysis to identify technology opportunities. <i>Scientometrics</i> , <b>2017</b> , 111, 3-24	3	20
174	Innovation forecasting using bibliometrics. <i>Competitive Intelligence Review</i> , <b>1998</b> , 9, 11-19		20
173	Special issue on tech mining. <i>Technological Forecasting and Social Change</i> , <b>2006</b> , 73, 915-922	9.5	20
172	Forecasting potential sensor applications of triboelectric nanogenerators through tech mining. <i>Nano Energy</i> , <b>2017</b> , 35, 358-369	17.1	19
171	International high tech competitiveness: does China rank number 1?. <i>Technology Analysis and Strategic Management</i> , <b>2009</b> , 21, 173-193	3.2	19
170	Citation classics analysis: An approach to characterizing interdisciplinary research. <i>Journal of the Association for Information Science and Technology</i> , <b>1984</b> , 35, 360-368		19
169	The under-reported role of toxic substance exposures in the COVID-19 pandemic. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111687	4.7	19
168	Validating indicators of interdisciplinarity: linking bibliometric measures to studies of engineering research labs. <i>Scientometrics</i> , <b>2013</b> , 94, 439-468	3	18
167	The use of environmental, health and safety research in nanotechnology research. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 158-66	1.3	18
166	Early insights on the Emerging Sources Citation Index (ESCI): an overlay map-based bibliometric study. <i>Scientometrics</i> , <b>2017</b> , 111, 2041-2057	3	17

165	Research addressing emerging technological ideas has greater scientific impact. <i>Research Policy</i> , <b>2019</b> , 48, 103834	7.5	17
164	Tech forecasting an empirical perspective. <i>Technological Forecasting and Social Change</i> , <b>1999</b> , 62, 19-28	9.5	17
163	Citations and scientific progress: Comparing bibliometric measures with scientist judgments. <i>Scientometrics</i> , <b>1988</b> , 13, 103-124	3	17
162	How Multidisciplinary Are the Multidisciplinary Journals Science and Nature?. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152637	3.7	17
161	Updating a search strategy to track emerging nanotechnologies. <i>Journal of Nanoparticle Research</i> , <b>2019</b> , 21, 1	2.3	16
160	A measure of knowledge flow between specific fields: Implications of interdisciplinarity for impact and funding. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185583	3.7	16
159	Toward a more precise definition of self-citation. <i>Scientometrics</i> , <b>2013</b> , 94, 777-780	3	16
158	Measuring the development of a common scientific lexicon in nanotechnology. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	16
157	Assessing research network and disciplinary engagement changes induced by an NSF program. <i>Research Evaluation</i> , <b>2012</b> , 21, 89-104	1.7	16
156	Co-citation, bibliographic coupling and leading authors, institutions and countries in the 50 years of Technological Forecasting and Social Change. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 165, 120487	9.5	16
155	An approach to identify emergent topics of technological convergence: A case study for 3D printing. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 723-732	9.5	16
154	Navigating the innovation trajectories of technology by combining specialization score analyses for publications and patents: graphene and nano-enabled drug delivery. <i>Scientometrics</i> , <b>2016</b> , 106, 1057-1071	2.1	15
153	Distance and velocity measures: using citations to determine breadth and speed of research impact. <i>Scientometrics</i> , <b>2014</b> , 100, 687-703	3	15
152	A technology delivery system for characterizing the supply side of technology emergence: Illustrated for Big Data & Analytics. <i>Technological Forecasting and Social Change</i> , <b>2018</b> , 130, 165-176	9.5	14
151	How Tech Mining Can Enhance R&D Management. <i>Research Technology Management</i> , <b>2007</b> , 50, 15-20	1.6	14
150	Conceptual definition of technology emergence: A long journey from philosophy of science to science policy. <i>Technology in Society</i> , <b>2019</b> , 59, 101126	6.3	13
149	Tracing the system transformations and innovation pathways of an emerging technology: Solid lipid nanoparticles. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 785-794	9.5	13
148	Visualising potential innovation pathways in a workshop setting: the case of nano-enabled biosensors. <i>Technology Analysis and Strategic Management</i> , <b>2012</b> , 24, 527-542	3.2	13

147	Profiling leading scientists in nanobiomedical science: interdisciplinarity and potential leading indicators of research directions. <i>R and D Management</i> , <b>2011</b> , 41, 288-306	4.1	13
146	Practical research proposal and publication profiling. <i>Research Evaluation</i> , <b>2010</b> , 19, 29-44	1.7	13
145	The Education of a Technology Policy Analyst to Process Management. <i>Technology Analysis and Strategic Management</i> , <b>2004</b> , 16, 261-274	3.2	13
144	Changes in National Technological Competitiveness: 1990, 1993, 1996 and 1999. <i>Technology Analysis and Strategic Management</i> , <b>2001</b> , 13, 477-496	3.2	13
143	A process for mining science & technology documents databases, illustrated for the case of "knowledge discovery and data mining". <i>Ciencia Da Informacao</i> , <b>1999</b> , 28, 07-14		13
142	National capacities to absorb and institutionalize external science and technology. <i>Technology Analysis and Strategic Management</i> , <b>1992</b> , 4, 99-114	3.2	13
141	Utility of the doctoral dissertation.. <i>American Psychologist</i> , <b>1975</b> , 30, 1054-1061	9.5	13
140	Tech mining to generate indicators of future national technological competitiveness: Nano-Enhanced Drug Delivery (NEDD) in the US and China. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 97, 168-180	9.5	12
139	Virtual companies reconsidered. <i>Technology Analysis and Strategic Management</i> , <b>1993</b> , 5, 413-420	3.2	12
138	Use lists with caution.. <i>American Psychologist</i> , <b>1976</b> , 31, 674-675	9.5	12
137	Crossing borders: A citation analysis of connections between Cognitive Science and Educational Research and the fields in between. <i>Research Evaluation</i> , <b>2017</b> , 26, 242-255	1.7	11
136	Identifying translational indicators and technology opportunities for nanomedical research using tech mining: The case of gold nanostructures. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 767-775	9.5	11
135	International collaborative patterns in China's nanotechnology publications. <i>International Journal of Technology Management</i> , <b>2012</b> , 59, 255	1.2	11
134	A societal outcomes map for health research and policy. <i>American Journal of Public Health</i> , <b>2006</b> , 96, 441-6	5.1	11
133	A comparison of recent assessments of the high-tech competitiveness of nations. <i>International Journal of Technology Management</i> , <b>2002</b> , 23, 536	1.2	11
132	Cross-impact analysis. <i>Project Appraisal</i> , <b>1990</b> , 5, 186-188		11
131	Interdisciplinary research redefined: Multi-skill, problem-focussed research in the STRAP framework. <i>R and D Management</i> , <b>1984</b> , 14, 105-111	4.1	11
130	Evaluating technological emergence using text analytics: two case technologies and three approaches. <i>Scientometrics</i> , <b>2020</b> , 122, 215-247	3	11



129	An assessment of technology forecasting: Revisiting earlier analyses on dye-sensitized solar cells (DSSCs). <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 831-843	9.5	11
128	Patent Profiling for Competitive Advantage <b>2004</b> , 587-612		11
127	A measure of staying power: Is the persistence of emergent concepts more significantly influenced by technical domain or scale?. <i>Scientometrics</i> , <b>2017</b> , 111, 2077-2087	3	10
126	Analyzing collaboration networks and developmental patterns of nano-enabled drug delivery (NEDD) for brain cancer. <i>Beilstein Journal of Nanotechnology</i> , <b>2015</b> , 6, 1666-76	3	10
125	Tech mining: Text mining and visualization tools, as applied to nanoenhanced solar cells. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , <b>2011</b> , 1, 172-181	6.9	10
124	Differences over a decade: high tech capabilities and competitive performance of 28 nations. <i>Research Evaluation</i> , <b>2005</b> , 14, 121-128	1.7	10
123	A COMPARATIVE STUDY OF IMPACT ASSESSMENT METHODS IN DEVELOPED AND DEVELOPING COUNTRIES. <i>Impact Assessment Bulletin</i> , <b>1992</b> , 10, 57-65		10
122	Experimental technology assessment: Explorations in processes of interdisciplinary team research. <i>Technological Forecasting and Social Change</i> , <b>1979</b> , 15, 87-94	9.5	10
121	A user-focused model for the utilization of evaluation. <i>Evaluation and Program Planning</i> , <b>1980</b> , 3, 131-140.	7	10
120	Assessment of Brazil's research literature. <i>Technology Analysis and Strategic Management</i> , <b>2011</b> , 23, 601-621	5	9
119	Patent Analyses <b>2005</b> , 215-248		9
118	Analysing the theoretical roots of technology emergence: an evolutionary perspective. <i>Scientometrics</i> , <b>2019</b> , 119, 97-118	3	8
117	Measuring tech emergence: A contest. <i>Technological Forecasting and Social Change</i> , <b>2020</b> , 159, 120176	9.5	8
116	Tech mining to validate and refine a technology roadmap. <i>World Patent Information</i> , <b>2018</b> , 55, 1-18	1.4	8
115	National nanotechnology research prominence. <i>Technology Analysis and Strategic Management</i> , <b>2019</b> , 31, 25-39	3.2	8
114	Misleading indicators: The limitations of multiple linear regression in formulation of policy recommendations. <i>Policy Sciences</i> , <b>1981</b> , 13, 397-418	4.3	8
113	Evaluation designs for technology assessments and forecasts. <i>Technological Forecasting and Social Change</i> , <b>1977</b> , 10, 369-380	9.5	8
112	Tracking and Mining the COVID-19 Research Literature. <i>Frontiers in Research Metrics and Analytics</i> , <b>2020</b> , 5, 594060	1.3	8

111	Mapping graphene science and development: Focused research with multiple application areas <b>2015</b> , 41, 22-25		7
110	Advancing the forecasting innovation pathways approach: hybrid and electric vehicles case. <i>International Journal of Technology Management</i> , <b>2015</b> , 69, 275	1.2	7
109	Electronics manufacturing in 2020: A national technological university management of technology mini-Delphi. <i>Technological Forecasting and Social Change</i> , <b>1996</b> , 51, 185-194	9.5	7
108	Interdisciplinary Integration Within Technology Assessments. <i>Knowledge</i> , <b>1981</b> , 2, 503-528		7
107	Uncovering the knowledge flows and intellectual structures of research in Technological Forecasting and Social Change: A journey through history. <i>Technological Forecasting and Social Change</i> , <b>2020</b> , 160, 120210	9.5	7
106	Facilitating the discovery of relevant studies on risk analysis for three-dimensional printing based on an integrated framework. <i>Scientometrics</i> , <b>2018</b> , 114, 277-300	3	7
105	Text Clumping for Technical Intelligence <b>2012</b> ,		6
104	Facilitating social and natural science cross-disciplinarity: Assessing the human and social dynamics program. <i>Research Evaluation</i> , <b>2013</b> ,	1.7	6
103	High-tech indicators: assessing the competitiveness of selected European countries. <i>Technology Analysis and Strategic Management</i> , <b>2010</b> , 22, 277-296	3.2	6
102	Innovation forecasting <b>1997</b> ,		6
101	Future-Oriented Technology Analysis (FTA): Impact on policy and decision-making ¶The 2006 FTA International Seville Seminar. <i>Technological Forecasting and Social Change</i> , <b>2008</b> , 75, 457-461	9.5	6
100	Mining PICMET: 1997-2003 papers help you track management of technology developments		6
99	Technology Assessment/Environmental Impact Assessment: Toward Integrated Impact Assessment. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1980</b> , 10, 417-424		6
98	Scientometrics for tech mining: an introduction. <i>Scientometrics</i> , <b>2017</b> , 111, 1875-1878	3	5
97	Can nanogenerators contribute to the global greening data centres?. <i>Nano Energy</i> , <b>2019</b> , 60, 235-246	17.1	5
96	Exploring Technology Evolution Pathways to Facilitate Technology Management: From a Technology Life Cycle Perspective. <i>IEEE Transactions on Engineering Management</i> , <b>2020</b> , 1-13	2.6	5
95	What people learn about how people learn: An analysis of citation behavior and the multidisciplinary flow of knowledge. <i>Research Policy</i> , <b>2019</b> , 48, 103835	7.5	5
94	Technological Emergence Indicators Using Emergence Scoring <b>2017</b> ,		5

93	Discretionary databases in forecasting. <i>Journal of Forecasting</i> , <b>1990</b> , 9, 1-12	2.1	5
92	Multiskill Research. <i>Knowledge</i> , <b>1986</b> , 7, 219-246		5
91	R and D Project Selection and Evaluation: A Microcomputer-Based Approach. <i>R and D Management</i> , <b>1987</b> , 17, 277-288	4.1	5
90	Preconditions for Interdisciplinary Research <b>1990</b> , 11-19		5
89	Forecasting technical emergence: An introduction. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 626-627	9.5	5
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