

# Ichiro Sakata

## 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.

69

papers

997

citations

17

h-index

30

g-index

103

ext. papers

1,303

ext. citations

5.7

avg, IF

4.61

L-index

#	Paper	IF	Citations
69	Extracting the commercialization gap between science and technology [Case study of a solar cell. <i>Technological Forecasting and Social Change</i> , <b>2010</b> , 77, 1147-1155	9.5	91
68	Detecting emerging research fronts in regenerative medicine by the citation network analysis of scientific publications. <i>Technological Forecasting and Social Change</i> , <b>2011</b> , 78, 274-282	9.5	84
67	Cellulose nanofiber backboneed Prussian blue nanoparticles as powerful adsorbents for the selective elimination of radioactive cesium. <i>Scientific Reports</i> , <b>2016</b> , 6, 37009	4.9	77
66	Nitrogen-doped porous carbon monoliths from polyacrylonitrile (PAN) and carbon nanotubes as electrodes for supercapacitors. <i>Scientific Reports</i> , <b>2017</b> , 7, 40259	4.9	51
65	Knowledge combination modeling: The measurement of knowledge similarity between different technological domains. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 94, 187-201	9.5	49
64	Link prediction in citation networks. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 78-85		44
63	Bibliometric analysis of service innovation research: Identifying knowledge domain and global network of knowledge. <i>Technological Forecasting and Social Change</i> , <b>2013</b> , 80, 1085-1093	9.5	42
62	Finding linkage between technology and social issue: A Literature Based Discovery approach. <i>Journal of Engineering and Technology Management - JET-M</i> , <b>2014</b> , 32, 160-184	3.7	41
61	Machine learning approach for finding business partners and building reciprocal relationships. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 10402-10407	7.8	41
60	An analysis of geographical agglomeration and modularized industrial networks in a regional cluster: A case study at Yamagata prefecture in Japan. <i>Technovation</i> , <b>2008</b> , 28, 531-539	7.9	37
59	Detecting research fronts using different types of weighted citation networks. <i>Journal of Engineering and Technology Management - JET-M</i> , <b>2014</b> , 32, 129-146	3.7	35
58	Detecting potential technological fronts by comparing scientific papers and patents. <i>Foresight</i> , <b>2011</b> , 13, 51-60	2.1	31
57	Multiscale analysis of interfirm networks in regional clusters. <i>Technovation</i> , <b>2010</b> , 30, 168-180	7.9	30
56	Extractive Summarization Using Multi-Task Learning with Document Classification <b>2017</b> ,		24
55	Carbon nanotubes and manganese oxide hybrid nanostructures as high performance fiber supercapacitors. <i>Communications Chemistry</i> , <b>2018</b> , 1,	6.3	22
54	Thicker carbon-nanotube/manganese-oxide hybridized nanostructures as electrodes for the creation of fiber-shaped high-energy-density supercapacitors. <i>Carbon</i> , <b>2019</b> , 154, 169-177	10.4	20
53	Identifying and bridging networks in regional clusters. <i>Technological Forecasting and Social Change</i> , <b>2012</b> , 79, 252-262	9.5	19

52	Measuring relatedness between communities in a citation network. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1360-1369		17
51	Detection method of emerging leading papers using time transition. <i>Scientometrics</i> , <b>2014</b> , 101, 1515-1533		16
50	Electrochemically reduced water exerts superior reactive oxygen species scavenging activity in HT1080 cells than the equivalent level of hydrogen-dissolved water. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171192	3.7	16
49	Identifying technology convergence in the field of robotics research. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 146, 751-766	9.5	16
48	Morphology-controlled fabrication of a three-dimensional mesoporous poly(vinyl alcohol) monolith through the incorporation of graphene oxide. <i>Carbon</i> , <b>2016</b> , 98, 334-342	10.4	14
47	Citation lag analysis in supply chain research. <i>Scientometrics</i> , <b>2011</b> , 87, 221-232	3	14
46	Aerogels from copper (II)-cellulose nanofibers and carbon nanotubes as absorbents for the elimination of toxic gases from air. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 582, 950-960	9.3	14
45	Three dimensional porous monoliths from multi-walled carbon nanotubes and polyacrylonitrile. <i>Carbon</i> , <b>2016</b> , 101, 377-381	10.4	12
44	Scientific Attention to Sustainability and SDGs: Meta-Analysis of Academic Papers. <i>Energies</i> , <b>2020</b> , 13, 975	3.1	11
43	Research management: Five years on from Fukushima. <i>Nature</i> , <b>2016</b> , 531, 29-31	50.4	11
42	Detecting trends in academic research from a citation network using network representation learning. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197260	3.7	10
41	Facile synthesis of graphene sheets intercalated by carbon spheres for high-performance supercapacitor electrodes. <i>Carbon</i> , <b>2020</b> , 167, 11-18	10.4	8
40	Graphene nanosheets homogeneously incorporated in polyurethane sponge for the elimination of water-soluble organic dyes. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 584, 816-826	9.3	8
39	Preparation of novel tetrahedral Ag <sub>3</sub> PO <sub>4</sub> crystals and the sunlight-responsive photocatalytic properties using graphene oxide as the template. <i>Carbon</i> , <b>2017</b> , 119, 522-526	10.4	7
38	Monolayered Platinum Nanoparticles as Efficient Electrocatalysts for the Mass Production of Electrolyzed Hydrogen Water. <i>Scientific Reports</i> , <b>2020</b> , 10, 10126	4.9	7
37	Emerging Scientific Field Detection Using Citation Networks and Topic Models: A Case Study of the Nanocarbon Field. <i>Applied System Innovation</i> , <b>2020</b> , 3, 40	2.4	7
36	Stabilization of Prussian blue using copper sulfate for eliminating radioactive cesium from a high pH solution and seawater. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 386, 121979	12.8	6
35	Identifying Emerging Research Related to Solar Cells Field Using a Machine Learning Approach. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , <b>2016</b> , 4, 418-429	1.9	6

34	Identifying potential technological spin-offs using hierarchical information in international patent classification. <i>Technovation</i> , <b>2021</b> , 100, 102192	7.9	6
33	Improved supercapacitors by implanting ultra-long single-walled carbon nanotubes into manganese oxide domains. <i>Journal of Power Sources</i> , <b>2020</b> , 479, 228795	8.9	5
32	Comparative Examination of Network Clustering Methods for Extracting Community Structures of a City From Public Transportation Smart Card Data. <i>IEEE Access</i> , <b>2019</b> , 7, 53377-53391	3.5	4
31	TQM organizational development for a global manufacturer <b>2011</b> ,		4
30	Detecting emerging research fronts in regenerative medicine by citation network analysis of scientific publications <b>2009</b> ,		4
29	Representation learning for geospatial areas using large-scale mobility data from smart card <b>2016</b> ,		3
28	Academic landscape of hydropower: citation-analysis-based method and its application. <i>International Journal of Energy Technology and Policy</i> , <b>2016</b> , 12, 84	1	3
27	Cross-Domain Academic Paper Recommendation by Semantic Linkage Approach Using Text Analysis and Recurrent Neural Networks <b>2017</b> ,		3
26	Evaluating "startup readiness" for researchers: case studies of research-based startups with biopharmaceutical research topics. <i>Heliyon</i> , <b>2020</b> , 6, e04160	3.6	3
25	Detection and introduction of emerging technologies for green buildings in Thailand. <i>International Journal of Energy Technology and Policy</i> , <b>2016</b> , 12, 2	1	2
24	Structure of international research collaboration in wind and solar energy <b>2011</b> ,		2
23	ACADEMIC LANDSCAPE OF INNOVATION RESEARCH AND NATIONAL INNOVATION SYSTEM POLICY REFORMATION IN JAPAN AND THE UNITED STATES. <i>International Journal of Innovation and Technology Management</i> , <b>2012</b> , 09, 1250044	1.1	2
22	Bibliometric Analysis of International Collaboration in Wind and Solar Energy. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , <b>2013</b> , 1, 187-198	1.9	2
21	Appliance Diffusion Model for Energy Efficiency Standards and Labeling Evaluation in the Capital of Lao Pdr. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , <b>2015</b> , 3, 269-281 <sup>1.9</sup>		2
20	Classifying Sleeping Beauties and Princes Using Citation Rarity. <i>Studies in Computational Intelligence</i> , <b>2021</b> , 308-318	0.8	2
19	Detecting Emerging Complex Technological Fields in Robotics <b>2019</b> ,		2
18	Business partner selection considering supply-chain centralities and causalities. <i>Supply Chain Forum</i> , <b>2021</b> , 22, 74-85	3.5	2
17	Analysis of scientific research structure in Singapore using bibliometrics and network analysis for understanding their characteristics of R&D: A case study of biomedical field <b>2014</b> ,		1

16	<b>2009,</b>			1
15	Dense and influential core promotion of daily viral information spread in political echo chambers. <i>Scientific Reports</i> , <b>2021</b> , 11, 7491	4.9		1
14	Analysis of Mergers and Acquisitions Trends in the Semiconductor Industry with the Technology Perspective <b>2019,</b>			1
13	Measurement of Opportunity Cost of Travel Time for Predicting Future Residential Mobility Based on the Smart Card Data of Public Transportation. <i>ISPRS International Journal of Geo-Information</i> , <b>2018</b> , 7, 416	2.9		1
12	Unsupervised Abstractive Opinion Summarization by Generating Sentences with Tree-Structured Topic Guidance. <i>Transactions of the Association for Computational Linguistics</i> , <b>2021</b> , 9, 945-961	5.6		1
11	Evaluating Nodes of Latent Mediators in Heterogeneous Communities. <i>Scientific Reports</i> , <b>2020</b> , 10, 84564.9	4.9		0
10	Large-scale analysis of delayed recognition using sleeping beauty and the prince. <i>Applied Network Science</i> , <b>2021</b> , 6, 48	2.9		0
9	Categorization of mergers and acquisitions using transaction network features. <i>Research in International Business and Finance</i> , <b>2021</b> , 57, 101421	4.8		0
8	Discovering Interdisciplinarily Spread Knowledge in the Academic Literature. <i>IEEE Access</i> , <b>2021</b> , 9, 124143-124151	3.5	124151	1
7	Knowledge Structuring Tools for Decision Support Service: An Overview of Citation-Based Approach. <i>Service Science: Research and Innovations in the Service Economy</i> , <b>2016</b> , 261-276	0.8		
6	Do R&D and IT tax credits work? Evaluation of the Japanese tax reform. <i>International Journal of Technology Management</i> , <b>2005</b> , 32, 277	1.2		
5	Communication Based on Unilateral Preference on Twitter: Internet Luring in Japan. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 54-66	0.9		
4	Unsupervised Joint Learning for Headline Generation and Discourse Structure of Reviews. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 139-149	0.4		
3	Synchronous Mobility Analysis for Institutional Evaluation. <i>Journal of the Japan Society of Information and Knowledge</i> , <b>2021</b> , 30, 467-470	0.1		
2	Cross-border power trade with Myanmar: barriers and their removal from the Thai perspective. <i>International Journal of Public Policy</i> , <b>2018</b> , 14, 30	0.8		
1	Knowledge formation of MPEG: Analysis using bibliographic clustering of citation networks. <i>Synthesiology</i> , <b>2021</b> , 2021, 1-17	0.2		