

# Juneseuk Shin

## List of Publications by Year in descending order

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48  
papers

1,062  
citations

394421

19  
h-index

434195

31  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novelty-focused patent mapping for technology opportunity analysis. Technological Forecasting and Social Change, 2015, 90, 355-365.	11.6	128
2	Long-term renewable energy technology valuation using system dynamics and Monte Carlo simulation: Photovoltaic technology case. Energy, 2014, 66, 447-457.	8.8	87
3	Optimal subsidy estimation method using system dynamics and the real option model: Photovoltaic technology case. Applied Energy, 2015, 142, 33-43.	10.1	87
4	The changing pattern of SME's innovativeness through business model globalization. Technological Forecasting and Social Change, 2012, 79, 832-842.	11.6	83
5	Building the national ICT frontier: The case of Korea. Information Economics and Policy, 2007, 19, 249-277.	3.5	63
6	Technology opportunity identification customized to the technological capability of SMEs through two-stage patent analysis. Scientometrics, 2014, 100, 227-244.	3.0	39
7	An energy security management model using quality function deployment and system dynamics. Energy Policy, 2013, 54, 72-86.	8.8	38
8	A hybrid electric vehicle market penetration model to identify the best policy mix: A consumer ownership cycle approach. Applied Energy, 2016, 184, 438-449.	10.1	35
9	Mapping extended technological trajectories: integration of main path, derivative paths, and technology junctures. Scientometrics, 2018, 116, 1439-1459.	3.0	35
10	On the creation and evaluation of e-business model variants: The case of auction. Industrial Marketing Management, 2009, 38, 324-337.	6.7	32
11	Technology opportunity discovery to R&D planning: Key technological performance analysis. Technological Forecasting and Social Change, 2017, 119, 53-63.	11.6	32
12	The relationship between inbound open innovation patents and financial performance: evidence from global information technology companies. Asian Journal of Technology Innovation, 2015, 23, 289-303.	2.8	30
13	A systematic way of identifying and forecasting technological reverse salients using QFD, bibliometrics, and trend impact analysis: A carbon nanotube biosensor case. Technovation, 2014, 34, 559-570.	7.8	28
14	Technology assessment model for sustainable development of LNG terminals. Journal of Cleaner Production, 2018, 172, 927-937.	9.3	24
15	Evolutionary optimization of a technological knowledge network. Technovation, 2010, 30, 612-626.	7.8	23
16	Low-risk opportunity recognition from mature technologies for SMEs. Journal of Engineering and Technology Management - JET-M, 2013, 30, 402-418.	2.7	23
17	Open Innovation Projects in SMEs as an Engine for Sustainable Growth. Sustainability, 2016, 8, 146.	3.2	22
18	FMEA-based portfolio approach to service productivity improvement. Service Industries Journal, 2011, 31, 1825-1847.	8.3	21

#	ARTICLE	IF	CITATIONS
19	Robust future-oriented technology portfolios: <scp>B</scp>lack<scp>L</scp>itterman approach. R and D Management, 2013, 43, 409-419.	5.3	21
20	New business model creation through the triple helix of young entrepreneurs, SNSs, and smart devices. International Journal of Technology Management, 2014, 66, 302.	0.5	21
21	Measuring journal performance for multidisciplinary research: An efficiency perspective. Journal of Informetrics, 2014, 8, 77-88.	2.9	19
22	An enhanced method for registration of dental surfaces partially scanned by a 3D dental laser scanning. Computer Methods and Programs in Biomedicine, 2015, 118, 11-22.	4.7	17
23	Extending technological trajectories to latest technological changes by overcoming time lags. Technological Forecasting and Social Change, 2019, 143, 142-153.	11.6	17
24	Effects of Nuclear Energy on Sustainable Development and Energy Security: Sodium-Cooled Fast Reactor Case. Sustainability, 2016, 8, 979.	3.2	15
25	Automatic detection method of hepatocellular carcinomas using the non-rigid registration method of multi-phase liver CT images. Journal of X-Ray Science and Technology, 2015, 23, 275-288.	1.0	14
26	Brownian agent-based technology forecasting. Technological Forecasting and Social Change, 2009, 76, 1078-1091.	11.6	12
27	Fast and Accurate Semiautomatic Segmentation of Individual Teeth from Dental CT Images. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-12.	1.3	12
28	Differential effects of intellectual property rights on innovation and economic performance: A cross-industry investigation. Science and Public Policy, 0, , scv009.	2.4	12
29	On the benchmarking method of patent-based knowledge flow structure: Comparison of Korea and Taiwan with USA. Scientometrics, 2006, 69, 551-574.	3.0	11
30	Risk-adjusted performance forecasting of future key technology. Technology Analysis and Strategic Management, 2013, 25, 147-161.	3.5	8
31	Factors influencing nanotechnology commercialization: an empirical analysis of nanotechnology firms in South Korea. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
32	Automatic left and right heart segmentation using power watershed and active contour model without edge. Biomedical Engineering Letters, 2014, 4, 355-361.	4.1	6
33	An empirical model of changing global competition in the shipbuilding industry. Maritime Policy and Management, 2014, 41, 515-527.	3.8	6
34	High-quality slab-based intermixing method for fusion rendering of multiple medical objects. Computer Methods and Programs in Biomedicine, 2016, 123, 27-42.	4.7	6
35	Deep Learning Segmentation in 2D X-ray Images and Non-Rigid Registration in Multi-Modality Images of Coronary Arteries. Diagnostics, 2022, 12, 778.	2.6	5
36	Analysis on the dynamic relationship among product attributes: VAR model approach. Journal of High Technology Management Research, 2005, 16, 225-239.	4.9	4

#	ARTICLE	IF	CITATIONS
37	Automatic Four-Chamber Segmentation Using Level-Set Method and Split Energy Function. Healthcare Informatics Research, 2016, 22, 285.	1.9	4
38	Parallelized Seeded Region Growing Using CUDA. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-10.	1.3	3
39	Artificial Intelligence Mortality Prediction Model for Gastric Cancer Surgery Based on Body Morphometry, Nutritional, and Surgical Information: Feasibility Study. Applied Sciences (Switzerland), 2022, 12, 3873.	2.5	3
40	Identifying a Combination of Key Resources to Overcome the Entry Barriers in the Electric Vehicle Market. IEEE Access, 2022, 10, 60373-60386.	4.2	3
41	Accurate Four-Chamber Segmentation Using Gradient-Assisted Localized Active Contour Model. Journal of Medical Imaging and Health Informatics, 2015, 5, 126-137.	0.3	2
42	High-quality Stitching Method of 3D Multiple Dental CT Images. Journal of Korea Multimedia Society, 2014, 17, 1205-1212.	0.2	2
43	Interactive registration between supine and prone scans in computed tomography colonography using band-height images. Computers in Biology and Medicine, 2017, 80, 124-136.	7.0	1
44	Rapid and Accurate Registration Method between Intraoperative 2D XA and Preoperative 3D CTA Images for Guidance of Percutaneous Coronary Intervention. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-12.	1.3	1
45	Accurate Extraction of Coronary Vascular Structures in 2D X-ray Angiogram Using Vascular Topology Information in 3D Computed Tomography Angiography. Journal of Medical Imaging and Health Informatics, 2019, 9, 242-250.	0.3	1
46	Feature-preserving reduction of industrial volume data using gray level co-occurrence matrix texture analysis and mass-spring model. Journal of Electronic Imaging, 2014, 23, 013022.	0.9	0
47	Efficient blood flow visualization using flowline extraction and opacity modulation based on vascular structure analysis. Computers in Biology and Medicine, 2017, 82, 87-99.	7.0	0
48	On Renewable Energy Technology Valuation Using System Dynamics and Compound Real Options. Journal of Korean Institute of Industrial Engineers, 2014, 40, 195-204.	0.1	0