

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

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all docs

48
docs citations

48
times ranked

1020
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Segmentation in 2D X-ray Images and Non-Rigid Registration in Multi-Modality Images of Coronary Arteries. <i>Diagnostics</i> , 2022, 12, 778.	2.6	5
2	Artificial Intelligence Mortality Prediction Model for Gastric Cancer Surgery Based on Body Morphometry, Nutritional, and Surgical Information: Feasibility Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3873.	2.5	3
3	Identifying a Combination of Key Resources to Overcome the Entry Barriers in the Electric Vehicle Market. <i>IEEE Access</i> , 2022, 10, 60373-60386.	4.2	3
4	Rapid and Accurate Registration Method between Intraoperative 2D XA and Preoperative 3D CTA Images for Guidance of Percutaneous Coronary Intervention. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-12.	1.3	1
5	Extending technological trajectories to latest technological changes by overcoming time lags. <i>Technological Forecasting and Social Change</i> , 2019, 143, 142-153.	11.6	17
6	Accurate Extraction of Coronary Vascular Structures in 2D X-ray Angiogram Using Vascular Topology Information in 3D Computed Tomography Angiography. <i>Journal of Medical Imaging and Health Informatics</i> , 2019, 9, 242-250.	0.3	1
7	Technology assessment model for sustainable development of LNG terminals. <i>Journal of Cleaner Production</i> , 2018, 172, 927-937.	9.3	24
8	Mapping extended technological trajectories: integration of main path, derivative paths, and technology junctures. <i>Scientometrics</i> , 2018, 116, 1439-1459.	3.0	35
9	Efficient blood flow visualization using flowline extraction and opacity modulation based on vascular structure analysis. <i>Computers in Biology and Medicine</i> , 2017, 82, 87-99.	7.0	0
10	Technology opportunity discovery to R&D planning: Key technological performance analysis. <i>Technological Forecasting and Social Change</i> , 2017, 119, 53-63.	11.6	32
11	Interactive registration between supine and prone scans in computed tomography colonography using band-height images. <i>Computers in Biology and Medicine</i> , 2017, 80, 124-136.	7.0	1
12	Open Innovation Projects in SMEs as an Engine for Sustainable Growth. <i>Sustainability</i> , 2016, 8, 146.	3.2	22
13	Effects of Nuclear Energy on Sustainable Development and Energy Security: Sodium-Cooled Fast Reactor Case. <i>Sustainability</i> , 2016, 8, 979.	3.2	15
14	Automatic Four-Chamber Segmentation Using Level-Set Method and Split Energy Function. <i>Healthcare Informatics Research</i> , 2016, 22, 285.	1.9	4
15	A hybrid electric vehicle market penetration model to identify the best policy mix: A consumer ownership cycle approach. <i>Applied Energy</i> , 2016, 184, 438-449.	10.1	35
16	High-quality slab-based intermixing method for fusion rendering of multiple medical objects. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 123, 27-42.	4.7	6
17	Automatic detection method of hepatocellular carcinomas using the non-rigid registration method of multi-phase liver CT images. <i>Journal of X-Ray Science and Technology</i> , 2015, 23, 275-288.	1.0	14
18	Fast and Accurate Semiautomatic Segmentation of Individual Teeth from Dental CT Images. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-12.	1.3	12

#	ARTICLE	IF	CITATIONS
19	The relationship between inbound open innovation patents and financial performance: evidence from global information technology companies. <i>Asian Journal of Technology Innovation</i> , 2015, 23, 289-303.	2.8	30
20	Optimal subsidy estimation method using system dynamics and the real option model: Photovoltaic technology case. <i>Applied Energy</i> , 2015, 142, 33-43.	10.1	87
21	Accurate Four-Chamber Segmentation Using Gradient-Assisted Localized Active Contour Model. <i>Journal of Medical Imaging and Health Informatics</i> , 2015, 5, 126-137.	0.3	2
22	An enhanced method for registration of dental surfaces partially scanned by a 3D dental laser scanning. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 118, 11-22.	4.7	17
23	Novelty-focused patent mapping for technology opportunity analysis. <i>Technological Forecasting and Social Change</i> , 2015, 90, 355-365.	11.6	128
24	Automatic left and right heart segmentation using power watershed and active contour model without edge. <i>Biomedical Engineering Letters</i> , 2014, 4, 355-361.	4.1	6
25	An empirical model of changing global competition in the shipbuilding industry. <i>Maritime Policy and Management</i> , 2014, 41, 515-527.	3.8	6
26	New business model creation through the triple helix of young entrepreneurs, SNSs, and smart devices. <i>International Journal of Technology Management</i> , 2014, 66, 302.	0.5	21
27	Feature-preserving reduction of industrial volume data using gray level co-occurrence matrix texture analysis and mass-spring model. <i>Journal of Electronic Imaging</i> , 2014, 23, 013022.	0.9	0
28	Parallelized Seeded Region Growing Using CUDA. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-10.	1.3	3
29	Measuring journal performance for multidisciplinary research: An efficiency perspective. <i>Journal of Informetrics</i> , 2014, 8, 77-88.	2.9	19
30	Long-term renewable energy technology valuation using system dynamics and Monte Carlo simulation: Photovoltaic technology case. <i>Energy</i> , 2014, 66, 447-457.	8.8	87
31	Technology opportunity identification customized to the technological capability of SMEs through two-stage patent analysis. <i>Scientometrics</i> , 2014, 100, 227-244.	3.0	39
32	A systematic way of identifying and forecasting technological reverse salients using QFD, bibliometrics, and trend impact analysis: A carbon nanotube biosensor case. <i>Technovation</i> , 2014, 34, 559-570.	7.8	28
33	High-quality Stitching Method of 3D Multiple Dental CT Images. <i>Journal of Korea Multimedia Society</i> , 2014, 17, 1205-1212.	0.2	2
34	On Renewable Energy Technology Valuation Using System Dynamics and Compound Real Options. <i>Journal of Korean Institute of Industrial Engineers</i> , 2014, 40, 195-204.	0.1	0
35	Risk-adjusted performance forecasting of future key technology. <i>Technology Analysis and Strategic Management</i> , 2013, 25, 147-161.	3.5	8
36	Low-risk opportunity recognition from mature technologies for SMEs. <i>Journal of Engineering and Technology Management - JET-M</i> , 2013, 30, 402-418.	2.7	23

#	ARTICLE	IF	CITATIONS
37	An energy security management model using quality function deployment and system dynamics. Energy Policy, 2013, 54, 72-86.	8.8	38
38	Factors influencing nanotechnology commercialization: an empirical analysis of nanotechnology firms in South Korea. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
39	Robust future-oriented technology portfolios: B&L's IITerman approach. R and D Management, 2013, 43, 409-419.	5.3	21
40	The changing pattern of SME's innovativeness through business model globalization. Technological Forecasting and Social Change, 2012, 79, 832-842.	11.6	83
41	FMEA-based portfolio approach to service productivity improvement. Service Industries Journal, 2011, 31, 1825-1847.	8.3	21
42	Evolutionary optimization of a technological knowledge network. Technovation, 2010, 30, 612-626.	7.8	23
43	Brownian agent-based technology forecasting. Technological Forecasting and Social Change, 2009, 76, 1078-1091.	11.6	12
44	On the creation and evaluation of e-business model variants: The case of auction. Industrial Marketing Management, 2009, 38, 324-337.	6.7	32
45	Building the national ICT frontier: The case of Korea. Information Economics and Policy, 2007, 19, 249-277.	3.5	63
46	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
47	Analysis on the dynamic relationship among product attributes: VAR model approach. Journal of High Technology Management Research, 2005, 16, 225-239.	4.9	4
48	Differential effects of intellectual property rights on innovation and economic performance: A cross-industry investigation. Science and Public Policy, 0, , scv009.	2.4	12