

Hsingning Su

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,414
citations

566801

15
h-index

476904

29
g-index

56
all docs

56
docs citations

56
times ranked

1292
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mapping knowledge structure by keyword co-occurrence: a first look at journal papers in Technology Foresight. <i>Scientometrics</i> , 2010, 85, 65-79. | 1.6 | 568 |
| 2 | Does innovation respond to climate change? Empirical evidence from patents and greenhouse gas emissions. <i>Technological Forecasting and Social Change</i> , 2017, 122, 49-62. | 6.2 | 229 |
| 3 | Investigating the structure of regional innovation system research through keyword co-occurrence and social network analysis. <i>Innovation: Management, Policy and Practice</i> , 2010, 12, 26-40. | 2.6 | 140 |
| 4 | Quantitative mapping of patented technology – The case of electrical conducting polymer nanocomposite. <i>Technological Forecasting and Social Change</i> , 2010, 77, 466-478. | 6.2 | 60 |
| 5 | Patent litigation precaution method: analyzing characteristics of US litigated and non-litigated patents from 1976 to 2010. <i>Scientometrics</i> , 2012, 92, 181-195. | 1.6 | 41 |
| 6 | Quantitative mapping of scientific research – The case of electrical conducting polymer nanocomposite. <i>Technological Forecasting and Social Change</i> , 2011, 78, 132-151. | 6.2 | 34 |
| 7 | Assessment of ontology-based knowledge network formation by Vector-Space Model. <i>Scientometrics</i> , 2010, 85, 689-703. | 1.6 | 28 |
| 8 | Investigating the dynamics of interdisciplinary evolution in technology developments. <i>Technological Forecasting and Social Change</i> , 2017, 122, 12-23. | 6.2 | 26 |
| 9 | Enthalpies of formation in the Al–Ni–Ru system by direct reaction synthesis calorimetry. <i>Journal of Alloys and Compounds</i> , 2005, 403, 217-222. | 2.8 | 23 |
| 10 | Enthalpies of formation and lattice parameters of B2 phases in Al-Ni-X systems. <i>Pure and Applied Chemistry</i> , 2007, 79, 1653-1673. | 0.9 | 23 |
| 11 | Knowledge recombination and technological innovation: the important role of cross-disciplinary knowledge. <i>Innovation: Management, Policy and Practice</i> , 2018, 20, 326-352. | 2.6 | 23 |
| 12 | A systematic approach for integrated trend analysis – The case of etching. <i>Technological Forecasting and Social Change</i> , 2011, 78, 386-407. | 6.2 | 20 |
| 13 | Global Interdependence of Collaborative R&D-Typology and Association of International Co-Patenting. <i>Sustainability</i> , 2017, 9, 541. | 1.6 | 20 |
| 14 | Framing the structure of global open innovation research. <i>Journal of Informetrics</i> , 2012, 6, 202-216. | 1.4 | 19 |
| 15 | The innovative fulcrums of technological interdisciplinarity: An analysis of technology fields in patents. <i>Technovation</i> , 2019, 84-85, 59-70. | 4.2 | 19 |
| 16 | How does external knowledge sourcing enhance product development? Evidence from drug commercialization. <i>Technology in Society</i> , 2020, 63, 101414. | 4.8 | 15 |
| 17 | How do patent-based measures inform product commercialization? – The case of the United States pharmaceutical industry. <i>Journal of Engineering and Technology Management - JET-M</i> , 2018, 50, 24-38. | 1.4 | 14 |
| 18 | Does geographic distance to partners affect firm R&D spending? The moderating roles of individuals, firms, and countries. <i>Journal of Business Research</i> , 2020, 106, 12-23. | 5.8 | 14 |

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|----|--|-----|-----------|
| 19 | Geographic distance between co-inventors and firm performance: The moderating roles of interfirm and cross-country collaborations. <i>Technological Forecasting and Social Change</i> , 2020, 157, 120070. | 6.2 | 13 |
| 20 | DOES REVERSE CAUSALITY EXPLAINS THE RELATIONSHIP BETWEEN ECONOMIC PERFORMANCE AND TECHNOLOGICAL DIVERSITY?. <i>Technological and Economic Development of Economy</i> , 2018, 24, 859-892. | 2.3 | 11 |
| 21 | Toward a Better Understanding on Technological Resilience for Sustaining Industrial Development. <i>IEEE Transactions on Engineering Management</i> , 2019, 66, 398-411. | 2.4 | 9 |
| 22 | Collaborative and Legal Dynamics of International R&D- Evolving Patterns in East Asia. <i>Technological Forecasting and Social Change</i> , 2017, 117, 217-227. | 6.2 | 8 |
| 23 | Current situation and industrialization of Taiwan nanotechnology. <i>Journal of Nanoparticle Research</i> , 2007, 9, 965-975. | 0.8 | 7 |
| 24 | How to forecast cross-border patent infringement? – The case of U.S. international trade. <i>Technological Forecasting and Social Change</i> , 2014, 86, 125-131. | 6.2 | 7 |
| 25 | How to analyze technology life cycle from the perspective of patent characteristics?. , 2015, , . | | 6 |
| 26 | How to analyze technology lifecycle from the perspective of patent characteristics? the cases of DVDs and hard drives. <i>R and D Management</i> , 2018, 48, 308-319. | 3.0 | 6 |
| 27 | Visualization of global science and technology policy research structure. <i>Journal of the Association for Information Science and Technology</i> , 2012, 63, 242-255. | 2.6 | 5 |
| 28 | Evolution of science, technology and innovation policy in Asia: Case of China, South Korea, Japan and Taiwan. , 2015, , . | | 4 |
| 29 | Exploring technological resilience at the country level with patents. <i>Technology Analysis and Strategic Management</i> , 2018, 30, 1105-1120. | 2.0 | 4 |
| 30 | How does distant collaboration influence R&D quality?. <i>Technology Analysis and Strategic Management</i> , 2022, 34, 815-831. | 2.0 | 4 |
| 31 | Analyzing Patent Transactions with Patent-based Measures. , 2018, , . | | 3 |
| 32 | Future perspectives on nanotechnology/material development: Delphi studies and Sci-Tech policies in Japan, Mainland China and Taiwan. , 2008, , . | | 2 |
| 33 | Dynamic and quantitative exploration on technology evolution mechanism: The case of electrical conducting polymer nanocomposite. , 2009, , . | | 2 |
| 34 | Knowledge map of publications in research policy. , 2009, , . | | 2 |
| 35 | Exploring influence of R&D investment, import and export performances to patent value. , 2015, , . | | 2 |
| 36 | Analyzing scientific structure of Digital Humanity. , 2016, , . | | 1 |

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|----|--|-----|-----------|
| 37 | Framing patent indicators for innovation study. , 2016, , . | | 1 |
| 38 | How Do Patent-Based Measures Inform Patent Collateral? A Holistic Analysis on All USPTO Patents Between 1986 and 2016. IEEE Transactions on Engineering Management, 2022, 69, 3265-3275. | 2.4 | 1 |
| 39 | Enthalpies of Formation in the Alâ€”Niâ€”Ru System by Direct Reaction Synthesis Calorimetry.. ChemInform, 2006, 37, no. | 0.1 | 0 |
| 40 | Dynamic Evolution of Technological Service System. , 2013, , . | | 0 |
| 41 | How to Innovate Intellectual Property Service by Prediction of Infringement Probability. , 2013, , . | | 0 |
| 42 | Understanding inter-assignee dynamics of technological development. , 2015, , . | | 0 |
| 43 | Evaluate the value of Inter-industry knowledge diffusion. , 2015, , . | | 0 |
| 44 | Investigating map of digital humanity research sponsored by Taiwan government. , 2015, , . | | 0 |
| 45 | Understanding technological dynamics of knowledge influence between university and industry. , 2015, , . | | 0 |
| 46 | What is the value of internationalized patent?. , 2015, , . | | 0 |
| 47 | Assessment of IP management in Agricultural Biotechnology Industry: Insight from a case study. , 2015, , . | | 0 |
| 48 | Evaluating the use of patent family for understanding globalized industrial innovation. , 2016, , . | | 0 |
| 49 | Transformability of universities is directed by repositioning after evaluations: Introduction to a SMTIE model. , 2016, , . | | 0 |
| 50 | Dynamics of multi-national R&D: Evolving patterns in East Asia. , 2016, , . | | 0 |
| 51 | Ambidexterity of Innovative Capability and Economic Performance. , 2017, , . | | 0 |
| 52 | Exploring Research Focus Association in Digital Humanities. , 2017, , . | | 0 |
| 53 | National, Sectoral and Technological Innovation Systems: The Case of Taiwan's Pharmaceutical Industry. , 2017, , . | | 0 |
| 54 | Knowledge Interdependency for Sustaining Smart Retailing Innovation Ecosystem. , 2019, , . | | 0 |

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|----|--|----|-----------|
| 55 | Dynamic Smart Retailing Innovation from an Evolutionary Perspective. , 2019, , . | | 0 |
| 56 | How Smart is Retailing?. , 2019, , . | | 0 |