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Literature Listing

Susan Bates

Shell International Ltd, York Road, London SE1 7NA, United Kingdom

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ABSTRACT

The quarterly Literature Listing is intended as a current awareness service for readers indicating newly published books, journal and conference articles on: patent search techniques, databases, analysis and classifications; patent searcher certification; patents relating to a) life sciences and pharmaceuticals and b) software; patent policy and strategic issues; trade marks; designs; domain names; and articles reviewing historical aspects of intellectual property or reviewing specific topics/persons. The current Literature Listing was compiled end May 2018. Key resources used are Scopus, Digital Commons, publishers' RSS feeds, and serendipity! Please feel free to send the author details of newly published reports/monographs/books for potential inclusion.

1. Books

1.1. Recent reports and other monographs

Employment Law and Intellectual Property Law. Monotti A.L., 2018, Critical Concepts in Intellectual Property Law Series, Edward Elgar Publishing, ISBN: 978 1 78536 641 3, 928 pages.

Nanotechnology Intellectual Property Rights: Research, Design, and Commercialization. Ganguli P., 2017, Perspectives in Nanotechnology Series, CRC Press, ISBN: 9781351833134, 290 pages.

Patents and innovation in Mainland China and Hong Kong: Two systems in one country compared. Li Y., 2017, Cambridge University Press, ISBN: 978-1107194649, 267 pages. https://doi.org/10.1017/9781108163583

Rethinking Intellectual Property. Balancing Conflicts of Interest in the Constitutional Paradigm. Ghidini G., 2018, Rethinking Law Series, Edward Elgar Publishing, ISBN: 978 1 78347 800 2, 432 pages.

Towards Intellectual Property Rights Management: Back-office and Front-office Perspectives. Modic D., Damij N., 2018, Palgrave Macmillan, ISBN: 978-3319690100, 198 pages.

2. Journals

The listing in this issue includes entries found using SciVerse Scopus™, Elsevier's abstract and indexing database which gives access to more than 5000 international publishers. Conference papers and book chapters are also included.

2.1. Search techniques, databases and analysis: classification: searcher certification

2.1.1. Search techniques, databases

A database linking Chinese patents to China's census firms. He Z.-L., Tong T.W., Zhang Y., He W., 2018, Scientific Data, 5180042. https://doi.org/10.1038/sdata.2018.42

A study on generating novel inventions based on F-term classification. Ohtsuka Y., Takahashi M., 2017, Portland International Conference on Management of Engineering and Technology: Technology Management for the Interconnected World [PICMET 2017], IEEE Catalog Number: 17766-POD, ISBN: 9781538629154, 6 pages. https://doi.org/10.23919/PICMET.2017.8125331

An LSTM approach to patent classification based on Fixed Hierarchy Vectors. Shalaby M., Stutzki J., Schubert M., Gunnemann S., 2018, SIAM International Conference on Data Mining, eISBN: 978-1-61197-532-1, 9 pages. https://doi.org/10.1137/1.9781611975321.56

Competitive intelligence and technology watch from patent information to leverage innovation. Maravilhas S., Oliveira S.R.G., Melo P., 2018, In: Handbook of Research on Strategic Innovation Management for Improved Competitive Advantage, chapter 14, IGI Global, ISBN: 9781522530121, 247-268. http://dx.doi.org/10.4018/978-1-5225-3012-1.ch014

Development of an information retrieval tool for biomedical patents. Alves T., Rodrigues R., Costa H., Rocha M., 2018, Computer Methods and Programs in Biomedicine, 159, 125-134. https://doi.org/10.1016/j.cmpb.2018.03.012

https://doi.org/10.1016/j.wpi.2018.07.004

0172-2190

Efficient prior-art retrieval of patent documents using MapReduce Paradigm. Girthana K., Swamynathan S., 2018, International Conference on Computing and Communication Systems. Lecture Notes in Networks and Systems, volume 24, Springer, Singapore, 735-744. https://doi.org/10.1007/978-981-10-6890-4_70

Exploratory patent search. Sochenkov I., Zubarev D., Tikhomirov I., 2018, Informatika i ee Primeneniya [Informatics and Applications], 12 (1), 89-94. https://doi.org/10.14357/19922264180111

Materials science literature - Patent relevance search: A heterogeneous network analysis approach. Tang P., Pitera J., Zubarev D., Chawla N.V., 2018, International Conference on Data Science and Advanced Analytics [DSAA 2017], 146-154. https://doi.org/10.1109/DSAA.2017.8

Patent keyword extraction for sustainable technology management. Kim J., Choi J., Park S., Jang D., 2018, Sustainability (Switzerland), 10 (4), 1287, 18 pages. https://doi.org/10.3390/su10041287

Patent quality valuation with Deep Learning Models. Lin H., Wang H., Du D., Wu H., Chang B., Chen E., 2018, In: Database Systems for Advanced Applications [DASFAA 2018]. Lecture Notes in Computer Science, volume 10828, Springer, Cham, 474-490. https://doi.org/10.1007/978-3-319-91458-9_29

2.1.2. Analysis and statistics

A landscape of nanomedicine innovations in India. Bhatia P., Vasaikar S., Wali A., 2018, Nanotechnology Reviews, 7 (2), 131-148. https://doi.org/10.1515/ntrev-2017-0196

A methodology to position nations' efforts in a technology domain with a patent network analysis: Case of the electric vehicle domain. Shen F., Ma T., 2018, Technology Analysis and Strategic Management, 1-21. https://doi.org/10.1080/09537325.2018.1442571

A novel technology-industry concordance table based on linked inventor-establishment data. Dorner M., Harhoff D., 2018, Research Policy, 47 (4), 768-781. https://doi.org/10.1016/j.respol.2018.02.005

A patent analysis of prognostics and health management (PHM) innovations for electrical systems. Liu Z., Jia Z., Vong C.-M., Han J., Yan C., Pecht M., 2018, IEEE Access, 6, 18088-18107. https://doi.org/10.1109/ACCESS.2018.2818114

A patent-based approach for the identification of strategic reactions to technological change: The case of emerging battery technologies. Krätzig O., Sick N., 2017, Portland International Conference on Management of Engineering and Technology: Technology Management for the Interconnected World [PICMET 2017], IEEE Catalog Number: 17766-POD, ISBN: 9781538629154, 10 pages. https://doi.org/10.23919/PICMET.2017.8125246

A real option based model for the valuation of patent protected technological innovation projects. Hernández-García D., Güemes-Castorena D., Jaramillo I.P., 2017, Portland International Conference on Management of Engineering and Technology: Technology Management for the Interconnected World [PICMET 2017], IEEE Catalog Number: 17766-POD, ISBN: 9781538629154, 16 pages. https://doi.org/10.23919/PICMET.2017.8125335

A study of the correlation between number of classification symbols and patent citation count. Kuan C.-H., Yang T.-H., 2017, Portland International Conference on Management of Engineering and Technology: Technology Management for the Interconnected World [PICMET 2017], IEEE Catalog Number: 17766-POD, ISBN: 9781538629154, 6 pages. https://doi.org/10.23919/PICMET.2017.8125334

A study on the trends of biotechnology development in countries along the Belt and Road. Chen F., Chen Y.-W., Ding C.-J., Zheng Y., Wu X.-Y., Luo D.-D., Zhao Q.-W., You B., 2018, China Biotechnology, 38 (1), 1-14. http://dx.doi.org/10.13523/j.cb.20180101

A time to nourish? Evaluating the impact of public procurement on technological generality through patent data. Raiteri E., 2018, Research Policy, 47 (5), 936-952. https://doi.org/10.1016/j.respol.2018.02.017

Academic inventors and the antecedents of green technologies. A regional analysis of Italian patent data. Quatraro F., Scandura A., 2018, University of Turin, Department of Economics and Statistics Cognetti de Martiis. Working Paper no. 201806, 39 pages. http://www.est.unito.it/do/home.pl/Download?doc=/allegati/wp2018dip/wp_6_2018.pdf

Accelerating the technological life cycle through convergence: Trends from herbal medicine patents and insights from case studies in Asia Pacific. Fung H.-N., Wong C.-Y., 2017, International Journal of Technological Learning, Innovation and Development, 9 (4), 353-378. https://doi.org/10.1504/IJTLID.2017.08900

Adapting technological capabilities for world digital business: The case of Netflix. Ruiz-Navas S., Miyazaki K., 2017, Portland International Conference on Management of Engineering and Technology: Technology Management for the Interconnected World [PICMET 2017], IEEE Catalog Number: 17766-POD, ISBN: 9781538629154, 10 pages. https://doi.org/10.23919/PICMET.2017.8125430

Advanced methods: Exploring technology convergence as a measure of transition toward connected lighting system. Chaichi N., Daim T., 2018, In: Innovation Discovery: Network Analysis of Research and Invention Activity for Technology Management, Series on Technology Management, volume 30, chapter 20, ISBN: 978-1-78634-405-2, 559-582. https://doi.org/10.1142/9781786344069_0020

Advanced methods: Identifying the technology profiles of R&D performing firms - A matching of R&D and patent data. Neuhäusler P., Frietsch R., Mund C., Eckl V., 2018, In: Innovation Discovery: Network Analysis of Research and Invention Activity for Technology Management, Series on Technology Management, volume 30, ISBN: 978-1-78634-405-2, 407-430.

Advanced methods: Opportunities and potential of the internet of things for solving social issues. Takano Y., Kajikawa Y., 2018, In: Innovation Discovery: Network Analysis of Research and Invention Activity for Technology Management, Series on Technology Management, volume 30, chapter 19, ISBN: 978-1-78634-405-2, 531-558.

An analysis of technologically radical innovation and breakthrough patents. Briggs K., Buehler D.L., 2018, International Journal of the Economics of Business, 1-25. https://doi.org/10.1080/13571516.2018.1438873

An assessment of technological innovation capabilities of carbon capture and storage technology based on patent analysis: A comparative study between China and the United States. Qiu H.-H., Yang J., 2018, Sustainability (Switzerland), 10 (3), 877 https://doi.org/10.3390/su10030877

An empirical research on the field of wireless charging based on patent life length. Shi M., Wang J., Zhou X., Hu Y., Zhao Z., 2018, High