

## Book and Book Chapters

- [1] Adnan Mahmood, **Wei Emma Zhang**, Quan Z. Sheng, Sarah Ali Siddiqui, and Abdulwahab Aljubairy. “Trust Management for Software-Defined Heterogeneous Vehicular Ad Hoc Networks”. In: *Security, Privacy and Trust in the IoT Environment*. Ed. by Zaigham Mahmood. Springer, 2019, pp. 203–226. DOI: [10.1007/978-3-030-18075-1\\_10](https://doi.org/10.1007/978-3-030-18075-1_10). URL: [https://doi.org/10.1007/978-3-030-18075-1\\_10](https://doi.org/10.1007/978-3-030-18075-1_10).
- [2] Adnan Mahmood, Bernard Butler, Quan Z. Sheng, **Wei Emma Zhang**, and Brendan Jennings. “Need of Ambient Intelligence for Next-Generation Connected and Autonomous Vehicles”. In: *Guide to Ambient Intelligence in the IoT Environment - Principles, Technologies and Applications*. Ed. by Zaigham Mahmood. Computer Communications and Networks. Springer, 2019, pp. 133–151. DOI: [10.1007/978-3-030-04173-1\\_6](https://doi.org/10.1007/978-3-030-04173-1_6). URL: [https://doi.org/10.1007/978-3-030-04173-1\\_6](https://doi.org/10.1007/978-3-030-04173-1_6).
- [3] **Wei Emma Zhang** and Quan Z. Sheng. *Managing Data From Knowledge Bases: Querying and Extraction*. Springer, 2018. ISBN: 978-3-319-94934-5. DOI: [10.1007/978-3-319-94935-2](https://doi.org/10.1007/978-3-319-94935-2). URL: <https://doi.org/10.1007/978-3-319-94935-2>.
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- [5] Quan Z. Sheng, Jian Yu, **Wei Emma Zhang**, Shuang Wang, Xiaoping Li, and Boualem Bena-tallah. “Designing and Building Context-Aware Services: The ContextServ Project”. In: *Next-Gen Digital Services. A Retrospective and Roadmap for Service Computing of the Future - Essays Dedicated to Michael Papazoglou on the Occasion of His 65th Birthday and His Retirement*. Ed. by Marco Aiello, Athman Bouguettaya, Damian Andrew Tamburri, and Willem-Jan van den Heuvel. Vol. 12521. Lecture Notes in Computer Science. Springer, 2021, pp. 138–152. DOI: [10.1007/978-3-030-73203-5\\_11](https://doi.org/10.1007/978-3-030-73203-5_11). URL: [https://doi.org/10.1007/978-3-030-73203-5\\_11](https://doi.org/10.1007/978-3-030-73203-5_11).

## Other Edited Books/Proceedings/Special Issues

- [6] Quan Z. Sheng, Gill Dobbie, Jing Jiang, Xuyun Zhang, **Wei Emma Zhang**, Yannis Manolopoulos, Jia Wu, Wathiq Mansoor, and Congbo Ma, eds. *Advanced Data Mining and Applications - 20th International Conference, ADMA 2024, Sydney, NSW, Australia, December 3-5, 2024, Proceedings, Part I*. Vol. 15387. Lecture Notes in Computer Science. Springer, 2025. ISBN: 978-981-96-0810-2. DOI: [10.1007/978-981-96-0811-9](https://doi.org/10.1007/978-981-96-0811-9). URL: <https://doi.org/10.1007/978-981-96-0811-9>.
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- [12] Xiao Liu, Michael Mrissa, Liang Zhang, Djamel Benslimane, Aditya Ghose, Zhongjie Wang, Antonio Bucchiarone, **Wei Zhang**, Ying Zou, and Qi Yu, eds. *Service-Oriented Computing - ICSOC 2018 Workshops - ADMS, ASOCA, ISYyCC, CloTS, DDBS, and NLS4IoT, Hangzhou, China, November 12-15, 2018, Revised Selected Papers*. Vol. 11434. Lecture Notes in Computer Science. Springer, 2019. ISBN: 978-3-030-17641-9. DOI: [10.1007/978-3-030-17642-6](https://doi.org/10.1007/978-3-030-17642-6). URL: <https://doi.org/10.1007/978-3-030-17642-6>.
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## Journal Articles

- [16] Shuang Wang, He Zhang, Tianxing Wu, Yueyou Zhang, **Wei Emma Zhang**, and Quan Z. Sheng. “Electricity Cost Minimization for Multi-Workflow Allocation in Geo-Distributed Data Centers”. In: *IEEE Trans. Serv. Comput.* (2025), to appear.
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