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<https://www.engineeringletters.com/editors/SIO-IONG-AO.html>

Publication List (Total academic publications: 171; updated on April 1, 2024)

Authored Monographs (two academic books on AI & digiTech innovations)

Ao, Sio long. Applied Time Series Analysis and Innovative Computing. Springer. 2010.

<https://link.springer.com/book/10.1007/978-90-481-8768-3>

ISBN: 978-90-481-8768-3; Total Downloads: 11k; Citations: 8

Ao, Sio long. Data Mining and Applications in Genomics. Springer. 2008.

<https://link.springer.com/book/10.1007/978-1-4020-8975-6>

ISBN: 978-1-4020-8975-6; Total Downloads: 5720; Citations: 6

Note:

- (1) The publisher Springer has released the official paid download number of the electronic version of the book and its citation number on the SpringerLink webpage dedicated to the book (all data retrieved on March 18, 2024);
- (2) The sum of the official paid download numbers for all Dr. Ao's forty-one books published by Springer: **1.55 million times**;
- (3) Many of Dr. Ao's books have been frequently ranked among the top 25% most downloaded eBooks in the publisher Springer's respective eBook Collection;
- (4) The sum of the official citation numbers for all Dr. Ao's forty-one books published by Springer: **1702**;

Books Published under Dr. Ao's Editorship

Publisher: Springer (39 academic books on AI & digitech innovations)

Ao, Sio long, Oscar Castillo, Alan Hoi-shou Chan, Hideki Katagiri and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2021. Springer. 2022.

<https://link.springer.com/book/10.1007/978-981-19-7138-9>

Embodying the *2021 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2021/ICAIA2021.html>

ISBN: 978-981-19-7138-9; Total Downloads: 895; Total Citations: 3

Ao, Sio long and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2021. Springer. 2022.

<https://link.springer.com/book/10.1007/978-981-19-3579-4>

Embodying *The 2021 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2021/ICCIIS2021.html>

ISBN: 978-981-19-3579-4; Total Downloads: 796; Total Citations: 1

Ao, Sio long, Haeng Kon Kim and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2019. Springer. 2021.

<https://link.springer.com/book/10.1007/978-981-15-9209-6>

Embodying the *International Conference on Intelligent Automation and Robotics 2019*

<https://www.iaeng.org/WCECS2019/ICIAR2019.html>

ISBN: 978-981-15-9211-9; Total Downloads: 3797; Total Citations: 11

Ao, Sio long, Haeng Kon Kim and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2019. Springer. 2020.

<https://link.springer.com/book/10.1007/978-981-15-8273-8>

Embodying *The 2019 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2019/ICCIIS2019.html>

ISBN: 978-981-15-8275-2; Total Downloads: 5206; Total Citations: 10

Ao, Sio long, Haeng Kon Kim and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2018. Springer. 2020.

<https://link.springer.com/book/10.1007/978-981-15-6848-0>

Embodying the *International Conference on Intelligent Automation and Robotics 2018*

<https://www.iaeng.org/WCECS2018/ICIAR2018.html>

ISBN: 978-981-15-6850-3; Total Downloads: 4555; Total Citations: 9

Ao, Sio long, Haeng Kon Kim and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2018. Springer. 2020.

<https://link.springer.com/book/10.1007/978-981-32-9531-5>

Embodying *The 2018 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2018/ICCIIS2018.html>

ISBN: 978-981-32-9533-9; Total Downloads: 7546; Total Citations: 15

Ao, Sio long, Haeng Kon Kim, Oscar Castillo, Alan Hoi-shou Chan and Hideki Katagiri (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2018. Springer. 2019.

<https://link.springer.com/book/10.1007/978-981-32-9808-8>

Embodying the *2018 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2018/ICAIA2018.html>

ISBN: 978-981-32-9810-1; Total Downloads: 6688; Total Citations: 6

Ao, Sio long, Haeng Kon Kim and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2017. Springer. 2018.

<https://link.springer.com/book/10.1007/978-981-13-2191-7>

Embodying the *International Conference on Intelligent Automation and Robotics 2017*

<https://www.iaeng.org/WCECS2017/ICIAR2017.html>

ISBN: 978-981-13-4746-7; Total Downloads: 13k; Total Citations: 17

Ao, Sio long, Haeng Kon Kim and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2017. Springer. 2018.

<https://link.springer.com/book/10.1007/978-981-13-0746-1>

Embodying *The 2017 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2017/ICCIIS2017.html>

ISBN: 978-981-13-0746-1; Total Downloads: 7940; Total Citations: 19

Ao, Sio long, Haeng Kon Kim, Oscar Castillo, Alan Hoi-shou Chan and Hideki Katagiri (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2017. Springer. 2018.

<https://link.springer.com/book/10.1007/978-981-10-7488-2>

Embodying the *2017 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2017/ICAIA2017.html>

ISBN: 978-981-10-7488-2; Total Downloads: 17k; Total Citations: 10

Ao, Sio long, Haeng Kon Kim, Xu Huang and Oscar Castillo (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2016. Springer. 2017.

<https://link.springer.com/book/10.1007/978-981-10-3950-8>

Embodying the *2016 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2016/ICAIA2016.html>

ISBN: 978-981-10-3950-8; Total Downloads: 3723; Total Citations: 8

Ao, Sio long, Haeng Kon Kim and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015. Springer. 2016.

<https://link.springer.com/book/10.1007/978-981-10-2717-8>

Embodying the *International Conference on Intelligent Automation and Robotics 2015*

<https://www.iaeng.org/WCECS2015/ICIAR2015.html>

ISBN: 978-981-10-2717-8; Total Downloads: 26k; Total Citations: 15

Ao, Sio long, Gi-Chul Yang and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2015. Springer. 2016.

<https://link.springer.com/book/10.1007/978-981-10-1088-0>

Embodying *The 2015 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2015/ICCIIS2015.html>

ISBN: 978-981-10-1088-0; Total Downloads: 29k; Total Citations: 55

Gi-Chul Yang, **Ao, Sio long**, Xu Huang and Oscar Castillo (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2015. Springer. 2016.

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ISBN: 978-981-10-0551-0; Total Downloads: 6699; Total Citations: 15

Haeng Kon Kim and Mahyar A. Amouzegar and **Ao, Sio long** (Eds.). Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2014. Springer. 2015.

<https://link.springer.com/book/10.1007/978-94-017-7236-5>

Embodying the *International Conference on Intelligent Automation and Robotics 2014*

<https://www.iaeng.org/WCECS2014/ICIAR2014.html>

ISBN: 978-94-017-7236-5; Total Downloads: 26k; Total Citations: 41

Gi-Chul Yang, **Ao, Sio long** and Len Gelman (Eds.). Transactions on Engineering Technologies: World Congress on Engineering 2014. Springer. 2015.

<https://link.springer.com/book/10.1007/978-94-017-9804-4>

Embodying *The 2014 International Conference of Computational Intelligence and Intelligent Systems*

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ISBN: 978-94-017-9804-4; Total Downloads: 58k; Total Citations: 77

Gi-Chul Yang, **Ao, Sio long**, Xu Huang and Oscar Castillo (Eds.). Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2014. Springer. 2015.

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<https://www.iaeng.org/IMECS2014/ICAIA2014.html>

ISBN: 978-94-017-9804-4; Total Downloads: 25k; Total Citations: 57

Haeng Kon Kim, **Ao, Sio long** and Mahyar A. Amouzegar (Eds.). Transactions on Engineering Technologies: Special Issue of the World Congress on Engineering and Computer Science 2013. Springer. 2014.

<https://link.springer.com/book/10.1007/978-94-017-9115-1>

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<https://www.iaeng.org/WCECS2013/ICIAR2013.html>

ISBN: 978-94-017-9115-1; Total Downloads: 71k; Total Citations: 64

Gi-Chul Yang, **Ao, Sio long** and Len Gelman (Eds.). Transactions on Engineering Technologies: Special Volume of the World Congress on Engineering 2013. Springer. 2014.

<https://link.springer.com/book/10.1007/978-94-017-8832-8>

Embodying *The 2013 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2013/ICCIIS2013.html>

ISBN: 978-94-017-8832-8; Total Downloads: 74k; Total Citations: 60

Gi-Chul Yang, **Ao, Sio long**, Xu Huang and Oscar Castillo (Eds.). *Transactions on Engineering Technologies: International MultiConference of Engineers and Computer Scientists 2013*. Springer. 2013.

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<https://www.iaeng.org/IMECS2013/ICAIA2013.html>

ISBN: 978-94-007-7684-5; Total Downloads: 27k; Total Citations: 24

Haeng Kon Kim, **Ao, Sio long**, Mahyar A. Amouzegar and Burghard Rieger (Eds.). *IAENG Transactions on Engineering Technologies: Special Issue of the World Congress on Engineering and Computer Science 2012*. Springer. 2013.

<https://link.springer.com/book/10.1007/978-94-007-6818-5>

Embodying the *International Conference on Intelligent Automation and Robotics 2012*

<https://www.iaeng.org/WCECS2012/ICIAR2012.html>

ISBN: 978-94-007-6818-5; Total Downloads: 80k; Total Citations: 58

Gi-Chul Yang, **Ao, Sio long** and Len Gelman (Eds.). *IAENG Transactions on Engineering Technologies: Special Volume of the World Congress on Engineering 2012*. Springer. 2013.

<https://link.springer.com/book/10.1007/978-94-007-6190-2>

Embodying *The 2012 International Conference of Computational Intelligence and Intelligent Systems*

<https://www.iaeng.org/WCE2012/ICCIIS2012.html>

ISBN: 978-94-007-6190-2; Total Downloads: 88k; Total Citations: 107

Gi-Chul Yang, **Ao, Sio long**, Xu Huang and Oscar Castillo (Eds.). *IAENG Transactions on Engineering Technologies: Special Issue of the International MultiConference of Engineers and Computer Scientists 2012*. Springer. 2012.

<https://link.springer.com/book/10.1007/978-94-007-5651-9>

Embodying the *2012 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2012/ICAIA2012.html>

ISBN: 978-94-007-5651-9; Total Downloads: 21k; Total Citations: 38

Haeng Kon Kim, **Ao, Sio long** and Burghard Rieger (Eds.). *IAENG Transactions on Engineering Technologies: Special Edition of the World Congress on Engineering and Computer Science 2011*. Springer. 2012.

<https://link.springer.com/book/10.1007/978-94-007-4786-9>

Embodying the *International Conference on Intelligent Automation and Robotics 2011*

<https://www.iaeng.org/WCECS2011/ICIAR2011.html>

ISBN: 978-94-007-4786-9; Total Downloads: 39k; Total Citations: 103

Ao, Sio long and Len Gelman (Eds.). *Electrical Engineering and Intelligent Systems*. Springer. 2012.

<https://link.springer.com/book/10.1007/978-1-4614-2317-1>

ISBN: 978-1-4614-2317-1; Total Downloads: 56k; Total Citations: 40

Ao, Sio long, Oscar Castillo and Xu Huang (Eds.). *Intelligent Control and Innovative Computing*. Springer. 2012.

<https://link.springer.com/book/10.1007/978-1-4614-1695-1>

ISBN: 978-1-4614-1695-1; Total Downloads: 24k; Total Citations: 71

Ao, Sio long, Mahyar A. Amouzegar and Burghard Rieger (Eds.). *Intelligent Automation and Systems Engineering*. Springer. 2011.

<https://link.springer.com/book/10.1007/978-1-4614-0373-9>

ISBN: 978-1-4614-0373-9; Total Downloads: 32k; Total Citations: 31

Ao, Sio long and Len Gelman (Eds.). Electrical Engineering and Applied Computing. Springer. 2011.
<https://link.springer.com/book/10.1007/978-94-007-1192-1>
ISBN: 978-94-007-1192-1; Total Downloads: 77k; Total Citations: 92

Ao, Sio long, Oscar Castillo and Xu Huang (Eds.). Intelligent Control and Computer Engineering. Springer. 2010.
<https://link.springer.com/book/10.1007/978-94-007-0286-8>
ISBN: 978-94-007-0286-8; Total Downloads: 20k; Total Citations: 39

Ao, Sio long, Burghard Rieger and Mahyar A. Amouzegar (Eds.). Machine Learning and Systems Engineering. Springer. 2010.
<https://link.springer.com/book/10.1007/978-90-481-9419-3>
ISBN: 978-90-481-9419-3; Total Downloads: 137k; Total Citations: 69

Ao, Sio long and Len Gelman (Eds.). Electronic Engineering and Computing Technology. Springer. 2010.
<https://link.springer.com/book/10.1007/978-90-481-8776-8>
ISBN: 978-90-481-8776-8; Total Downloads: 92k; Total Citations: 117

Ao, Sio long, Oscar Castillo and Xu Huang (Eds.). Intelligent Automation and Computer Engineering. Springer. 2010.
<https://link.springer.com/book/10.1007/978-90-481-3517-2>
ISBN: 978-90-481-3517-2; Total Downloads: 28k; Total Citations: 53

Ao, Sio long, Burghard Rieger and Mahyar A. Amouzegar (Eds.). Advances in Machine Learning and Data Analysis. Springer. 2009.
<https://link.springer.com/book/10.1007/978-90-481-3177-8>
ISBN: 978-90-481-3177-8; Total Downloads: 69k; Total Citations: 15

Ao, Sio long and Len Gelman (Eds.). Advances in Electrical Engineering and Computational Science. Springer. 2009.
<https://link.springer.com/book/10.1007/978-90-481-2311-7>
ISBN: 978-90-481-2311-7; Total Downloads: 141k; Total Citations: 141

Ao, Sio long, Xu Huang and Ping-kong Alexander Wai (Eds.). Trends in Communication Technologies and Engineering Science. Springer. 2009.
<https://link.springer.com/book/10.1007/978-1-4020-9532-0>
ISBN: 978-1-4020-9532-0; Total Downloads: 12k; Total Citations: 21

Ao, Sio long, Burghard B. Rieger and Su-Shing Chen (Eds.). Advances in Computational Algorithms and Data Analysis. Springer. 2008.
<https://link.springer.com/book/10.1007/978-1-4020-8919-0>
ISBN: 978-1-4020-8919-0; Total Downloads: 58k; Total Citations: 37

Yuh-Shyan Chen, Xu Huang and **Ao, Sio long** (Eds.). Advances in Communication Systems and Electrical Engineering. Springer. 2008.
<https://link.springer.com/book/10.1007/978-0-387-74938-9>
ISBN: 978-0-387-74938-9; Total Downloads: 39k; Total Citations: 47

Alan H.S. Chan and **Ao, Sio long** (Eds.). Advances in Industrial Engineering and Operations Research. Springer. 2008.
<https://link.springer.com/book/10.1007/978-0-387-74905-1>
ISBN: 978-0-387-74905-1; Total Downloads: 74k; Total Citations: 22

Oscar Castillo, Li Xu and **Ao, Sio long** (Eds.). Trends in Intelligent Systems and Computer Engineering. Springer. 2008.
<https://link.springer.com/book/10.1007/978-0-387-74935-8>

ISBN: 978-0-387-74935-8; Total Downloads: 35k; Total Citations: 70

Publisher: IEEE Computer Society (one academic book on AI & digitech innovations)

Ao, Sio long (Ed.). Advances in Electrical and Electronics Engineering - IAENG Special Edition of the World Congress on Engineering and Computer Science 2008. IEEE Computer Society. 2009.

<https://ieeexplore.ieee.org/xpl/conhome/5233155/proceeding?isnumber=5233156>

Embodying the *International Conference on Intelligent Automation and Robotics 2008*

<https://www.iaeng.org/WCECS2008/ICIAR2008.html>

ISBN: 978-0-7695-3555-5; IEEE Official Total Citations of All Its Chapters: 237 (retrieved on April 1, 2024)

Note: The following four publishers (Taylor & Francis/CRC Press, American Institute of Physics, World Scientific, and International Association of Engineers) of Dr. Ao's edited books do not provide/display their official citation number in their official webpages for Dr. Ao's books (retrieved April 1, 2024), while the Google Scholar is currently not particularly accurate in counting total citations for edited books. Thus, citation numbers for the following four publishers' books are not available for listing here.

Publisher: Taylor & Francis/CRC Press (one academic book on AI & digitech innovations)

Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri and Li Xu (Eds.). IAENG Transactions on Engineering Sciences: Special Issue of the International MultiConference of Engineers and Computer Scientists 2013 and World Congress on Engineering 2013. CRC Press. 2014.

<https://www.taylorfrancis.com/books/edit/10.1201/b16763/iaeng-transactions-engineering-sciences-li-xu-sio-long-ao-alan-hoi-shou-chan-hideki-katagiri>

Embodying the *2013 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2013/ICAIA2013.html>

ISBN: 978-0-4292-2720-2

Publisher: American Institute of Physics (7 academic books on AI & digitech innovations)

Ao, Sio long (Ed.). IAENG Transactions on Engineering Technologies Volume 6 - Special Edition of the World Congress on Engineering and Computer Science 2010. American Institute of Physics. 2011.

<https://pubs.aip.org/aip/acp/article-abstract/1373/1/frontmatter/871833/Front-Matter-for-Volume-1373>

Embodying the *International Conference on Intelligent Automation and Robotics 2010*

<https://www.iaeng.org/WCECS2010/ICIAR2010.html>

ISBN: 978-0735409330

Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri and Li Xu (Eds.). IAENG Transactions on Engineering Technologies Volume 5 - Special Edition of the International MultiConference of Engineers and Computer Scientists 2010. American Institute of Physics. 2011.

<https://www.amazon.com/IAENG-Transactions-Engineering-Technologies-MultiConference/dp/0735408394>

Embodying the *2010 IAENG International Conference on Artificial Intelligence and Applications*

<https://www.iaeng.org/IMECS2010/ICAIA2010.html>

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Ao, Sio long (Ed.). IAENG Transactions on Engineering Technologies Volume 4 - Special Edition of the World Congress on Engineering and Computer Science 2009. American Institute of Physics. 2010.

<https://pubs.aip.org/aip/acp/article-abstract/1247/1/frontmatter/833694/Front-Matter-for-Volume-1247>

Embodying the *International Conference on Intelligent Automation and Robotics 2009*

<https://www.iaeng.org/WCECS2009/ICIAR2009.html>

ISBN: 978-0735407947

Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri and Li Xu (Eds.). IAENG Transactions on Engineering Technologies Volume 3 - Special Edition of the International MultiConference of Engineers and Computer Scientists 2009. American Institute of Physics. 2009.

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Embodying the 2009 IAENG International Conference on Artificial Intelligence and Applications

<https://www.iaeng.org/IMECS2009/ICAIA2009.html>

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Ao, Sio long (Ed.). IAENG Transactions on Engineering Technologies Volume II - Special Edition of the World Congress on Engineering and Computer Science 2008. American Institute of Physics. 2009.

<https://pubs.aip.org/aip/acp/article-abstract/1127/1/frontmatter/864153/Front-Matter-for-Volume-1127>

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Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri, Oscar Castillo and Li Xu (Eds.). IAENG Transactions on Engineering Technologies Volume I - Special Edition of the International MultiConference of Engineers and Computer Scientists 2008. American Institute of Physics. 2009.

<https://www.amazon.com/IAENG-Transactions-Engineering-Technologies-MultiConference/dp/0735406227>

Embodying the 2008 IAENG International Conference on Artificial Intelligence and Applications

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ISBN: 978-0735405264

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<https://www.worldscientific.com/worldscibooks/10.1142/11687>

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Ao, Sio long, Len Gelman, Haeng Kon Kim and Mahyar A. Amouzegar (Eds.). IAENG Transactions on Engineering Sciences - Special Issue for the International Association of Engineers Conferences 2016 Volume II. World Scientific. 2018.

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ISBN: 978-981-3230-76-7

Ao, Sio long, Alan Hoi-shou Chan and Hideki Katagiri (Eds.). IAENG Transactions on Engineering Sciences - Special Issue for the International Association of Engineers Conferences 2016. World Scientific. 2017.

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<https://www.iaeng.org/IMECS2016/ICAIA2016.html>

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Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri and Li Xu (Eds.). IAENG Transactions on Engineering Sciences - Special Issue for the International Association of Engineers Conferences 2014. World Scientific. 2015.

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<https://www.iaeng.org/IMECS2014/ICAIA2014.html>

ISBN: 978-981-4667-35-7

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Embodying the 2012 IAENG International Conference on Artificial Intelligence and Applications

<https://www.iaeng.org/IMECS2012/ICAIA2012.html>

ISBN: 978-981-4439-07-7

Ao, Sio long, Alan Hoi-shou Chan, Hideki Katagiri and Li Xu (Eds.). IAENG Transactions on Engineering Technologies Volume 7 - Special Edition of the International MultiConference of Engineers and Computer Scientists 2011. World Scientific. 2012.

<https://www.worldscientific.com/worldscibooks/10.1142/8381>

Embodying the 2011 IAENG International Conference on Artificial Intelligence and Applications

<https://www.iaeng.org/IMECS2011/ICAIA2011.html>

ISBN: 978-981-4390-00-2

Publisher: International Association of Engineers (85 academic books on AI & digitech innovations)

Ao, Sio long, Oscar Castillo, Craig Douglas and A. M. Korsunsky (Eds.). Proceedings Book of International MultiConference of Engineers and Computer Scientists 2023. International Association of Engineers. 2023.

Open Access: <http://www.iaeng.org/publication/IMECS2023>

Embodying the 2023 IAENG International Conference on Artificial Intelligence and Applications

<https://www.iaeng.org/IMECS2023/ICAIA2023.html>

ISBN: 978-988-14049-4-7

Ao, Sio long, Len Gelman, David WL Hukins and A. M. Korsunsky (Eds.). Proceedings Book of World Congress on Engineering 2022. International Association of Engineers. 2022.

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Embodying The 2022 International Conference of Computational Intelligence and Intelligent Systems

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