

Ovidiu Noran

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

855
citations

759233

12
h-index

526287

27
g-index

63
all docs

63
docs citations

63
times ranked

654
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Operator 4.0: Human Cyber-Physical Systems & Adaptive Automation Towards Human-Automation Symbiosis Work Systems. IFIP Advances in Information and Communication Technology, 2016, , 677-686. | 0.7 | 263 |
| 2 | Towards a Human-Centred Reference Architecture for Next Generation Balanced Automation Systems: Human-Automation Symbiosis. IFIP Advances in Information and Communication Technology, 2015, , 556-566. | 0.7 | 63 |
| 3 | An analysis of the Zachman framework for enterprise architecture from the GERAM perspective. Annual Reviews in Control, 2003, 27, 163-183. | 7.9 | 51 |
| 4 | Collaborative disaster management: An interdisciplinary approach. Computers in Industry, 2014, 65, 1032-1040. | 9.9 | 51 |
| 5 | A Mapping of Individual Architecture Frameworks (GRAI, PERA, C4ISR, CIMOSA, ZACHMAN, ARIS) onto GERAM. , 2003, , 65-210. | | 40 |
| 6 | Enterprise engineering and management at the crossroads. Computers in Industry, 2016, 79, 87-102. | 9.9 | 36 |
| 7 | A decision support framework for collaborative networks. International Journal of Production Research, 2009, 47, 4813-4832. | 7.5 | 28 |
| 8 | A systematic evaluation of the C4ISR AF using ISO15704 Annex A (GERAM). Computers in Industry, 2005, 56, 407-427. | 9.9 | 27 |
| 9 | Enterprise architecture: Twenty years of the GERAM framework. Annual Reviews in Control, 2015, 39, 83-93. | 7.9 | 27 |
| 10 | Towards Green Sensing Virtual Enterprises: Interconnected Sensing Enterprises, Intelligent Assets and Smart Products in the Cyber-Physical Circular Economy. IFAC-PapersOnLine, 2017, 50, 11719-11724. | 0.9 | 24 |
| 11 | Effective Disaster Management: An Interoperability Perspective. Lecture Notes in Computer Science, 2011, , 112-121. | 1.3 | 17 |
| 12 | Towards a Meta-Methodology for Collaborative Networked Organisations. , 2004, , 71-78. | | 13 |
| 13 | Achieving a sustainable interoperability of standards. Annual Reviews in Control, 2012, 36, 327-337. | 7.9 | 13 |
| 14 | Collaborative networks in the tertiary education industry sector: a case study. International Journal of Computer Integrated Manufacturing, 2013, 26, 29-40. | 4.6 | 13 |
| 15 | Building a support framework for enterprise integration. Computers in Industry, 2013, 64, 29-40. | 9.9 | 12 |
| 16 | Enabling interoperability as a property of ubiquitous systems for disaster management. Computer Science and Information Systems, 2015, 12, 1009-1031. | 1.0 | 12 |
| 17 | Sustainability and Interoperability: Two Facets of the Same Gold Medal. Lecture Notes in Computer Science, 2013, , 250-261. | 1.3 | 11 |
| 18 | Towards a Collaborative Network Paradigm for Emergency Services. International Federation for Information Processing, 2011, , 477-485. | 0.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Green Virtual Enterprises and their Breeding Environments: Engineering their Sustainability as Systems of Systems for the Circular Economy. IFAC-PapersOnLine, 2015, 48, 2258-2265. | 0.9 | 10 |
| 20 | A Metamodel for Enterprise Architecture. International Federation for Information Processing, 2010, , 56-65. | 0.4 | 10 |
| 21 | Data Rich “ But Information Poor. IFIP Advances in Information and Communication Technology, 2017, , 206-214. | 0.7 | 9 |
| 22 | Modelling a Sustainable Cooperative Healthcare: An Interoperability-Driven Approach. Lecture Notes in Computer Science, 2013, , 238-249. | 1.3 | 9 |
| 23 | Enterprise Architecture: Twenty Years of the GERAM Framework. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3300-3308. | 0.4 | 8 |
| 24 | Green Virtual Enterprise Breeding Environments Bag of Assets Management: A Contribution to the Sharing Economy. IFIP Advances in Information and Communication Technology, 2015, , 439-447. | 0.7 | 8 |
| 25 | Towards an Environmental Management Approach for Collaborative Networks. International Federation for Information Processing, 2010, , 17-24. | 0.4 | 8 |
| 26 | Refining a meta-methodology for collaborative networked organisations: a case study. International Journal of Networking and Virtual Organisations, 2006, 3, 359. | 0.2 | 7 |
| 27 | Towards the Next Generation Service Oriented Enterprise Architecture. , 2015, , . | | 7 |
| 28 | Interoperability as a Property of Ubiquitous Healthcare Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7849-7854. | 0.4 | 6 |
| 29 | A Decision Support Framework for Collaborative Networks. , 2007, , 83-90. | | 6 |
| 30 | Service Oriented Architecture vs. Enterprise Architecture: Competition or Synergy?. Lecture Notes in Computer Science, 2008, , 304-312. | 1.3 | 6 |
| 31 | A Pluralistic Approach towards Sustainable Eco-Industrial Networking. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4292-4297. | 0.4 | 4 |
| 32 | Towards collaborative health information systems: a pluralistic approach. International Journal of Biomedical Engineering and Technology, 2015, 17, 127. | 0.2 | 4 |
| 33 | Green Virtual Enterprise Breeding Environments Enabling the RESOLVE Framework. IFIP Advances in Information and Communication Technology, 2017, , 603-613. | 0.7 | 4 |
| 34 | Enhancing Collaborative Healthcare Synergy. IFIP Advances in Information and Communication Technology, 2013, , 459-467. | 0.7 | 4 |
| 35 | Using Reference Models in Enterprise Architecture. , 0, , 141-166. | | 4 |
| 36 | On gamification in action learning. , 2016, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | The Sensing Enterprise: Towards the Next Generation Dynamic Virtual Organisations. Lecture Notes in Computer Science, 2014, , 209-216. | 1.3 | 3 |
| 38 | A Framework to Evaluate Architectural Solutions for Ubiquitous Patient Identification in Health Information Systems. , 2019, , . | | 3 |
| 39 | Exploring the Path Towards Construction 4.0: Collaborative Networks and Enterprise Architecture Views. IFIP Advances in Information and Communication Technology, 2020, , 547-556. | 0.7 | 2 |
| 40 | Towards a Support Framework for Enterprise Integration. Lecture Notes in Computer Science, 2010, , 202-210. | 1.3 | 2 |
| 41 | Case Study: A Course Advisor Expert System. Lecture Notes in Computer Science, 2003, , 1014-1026. | 1.3 | 2 |
| 42 | Business Cloudification - An Enterprise Architecture Perspective. , 2017, , . | | 2 |
| 43 | Toward a Science of Resilience, Supportability 4.0 and Agility. IFAC-PapersOnLine, 2020, 53, 11199-11206. | 0.9 | 2 |
| 44 | Towards an Evaluation Framework for Ubiquitous, Self-Evolving Patient Identification Solutions in Health Information Systems. Procedia Computer Science, 2022, 196, 550-560. | 2.0 | 2 |
| 45 | Enterprise Thinking for Self-aware Systems. IFAC-PapersOnLine, 2018, 51, 782-789. | 0.9 | 1 |
| 46 | Towards Next Generation Building Management Systems. E3S Web of Conferences, 2019, 111, 05004. | 0.5 | 1 |
| 47 | IFIP WG5.12 Architectures for Enterprise Integration: Twenty-Five Years of the GERAM Framework. IFIP Advances in Information and Communication Technology, 2021, , 245-268. | 0.7 | 1 |
| 48 | An Evolution-based Approach towards Next-Gen Defence HQ and Energy Strategy Integration. , 2021, , . | | 1 |
| 49 | Managing the Collaborative Networks Lifecycle: A Meta-Methodology. , 2006, , 289-300. | | 1 |
| 50 | Mapping SOA Artefacts onto an Enterprise Reference Architecture Framework. , 2009, , 197-205. | | 1 |
| 51 | An Enterprise Architecture Approach towards Environmental Management. International Federation for Information Processing, 2010, , 44-55. | 0.4 | 1 |
| 52 | Integrating Environmental and Information Systems Management: An Enterprise Architecture Approach. , 2011, , 123-134. | | 1 |
| 53 | A Meta-methodology for Collaborative Network Organisations: A Case Study and Reflections. , 2004, , 117-130. | | 1 |
| 54 | Towards A Sustainable Interoperability of Standards. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 1272-1277. | 0.4 | 0 |

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|----|--|-----|-----------|
| 55 | Analysing the M&A Preparedness Building Approach. Lecture Notes in Business Information Processing, 2014, , 459-473. | 1.0 | 0 |
| 56 | An Adaptive Architecture for Long Term Energy Programme Management. E3S Web of Conferences, 2019, 111, 06033. | 0.5 | 0 |
| 57 | A Collaborative Network Model for the Standards Community. International Federation for Information Processing, 2012, , 437-445. | 0.4 | 0 |
| 58 | Collaborative Health Informatics: A Multidisciplinary Approach. , 2014, , 17-28. | | 0 |
| 59 | Advancing Research in Enterprise Architecture - An Information Systems Paradigms Approach. , 2016, , . | | 0 |
| 60 | Situation-aware Building Information Models for Next Generation Building Management Systems. , 2020, , . | | 0 |
| 61 | Static vs Dynamic Architecture of Aware Cyber Physical Systems of Systems. , 2021, , . | | 0 |
| 62 | An Enterprise Architecture-centred Approach towards Eco-Industrial Networking: A Case Study. , 2022, , . | | 0 |