

Uffe Kock Wiil

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

1,042
citations

759055

12
h-index

839398

18
g-index

129
all docs

129
docs citations

129
times ranked

584
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hyperform. , 1992, , . | | 55 |
| 2 | The HyperDisco approach to open hypermedia systems. , 1996, , . | | 53 |
| 3 | Verification-driven slicing of UML/OCL models. , 2010, , . | | 41 |
| 4 | Workspaces. , 1997, , . | | 37 |
| 5 | Multiple open services. , 2001, , . | | 36 |
| 6 | Weighted bee colony algorithm for discrete optimization problems with application to feature selection. Engineering Applications of Artificial Intelligence, 2015, 44, 153-167. | 4.3 | 34 |
| 7 | Development of an mHealth Application for Women Newly Diagnosed with Osteoporosis without Preceding Fractures: A Participatory Design Approach. International Journal of Environmental Research and Public Health, 2018, 15, 330. | 1.2 | 34 |
| 8 | Measuring Link Importance in Terrorist Networks. , 2010, , . | | 32 |
| 9 | Performance evaluation of Emergency Department patient arrivals forecasting models by including meteorological and calendar information: A comparative study. Computers in Biology and Medicine, 2021, 135, 104541. | 3.9 | 31 |
| 10 | “Self only had I known” a qualitative study investigating a treatment of patients with a hip fracture with short time stay in hospital. International Journal of Qualitative Studies on Health and Well-being, 2017, 12, 1307061. | 0.6 | 30 |
| 11 | Concurrency control in collaborative hypertext systems. , 1993, , . | | 29 |
| 12 | Development of a Web-Based Health Care Intervention for Patients With Heart Disease: Lessons Learned From a Participatory Design Study. JMIR Research Protocols, 2017, 6, e75. | 0.5 | 28 |
| 13 | Hyperform. ACM Transactions on Information Systems, 1997, 15, 1-31. | 3.8 | 27 |
| 14 | Bridging the gap: A user-driven study on new ways to support self-care and empowerment for patients with hip fracture. SAGE Open Medicine, 2018, 6, 205031211879912. | 0.7 | 25 |
| 15 | Evolving hypermedia middleware services. , 1999, , . | | 24 |
| 16 | Node Removal in Criminal Networks. , 2011, , . | | 18 |
| 17 | Machine learning techniques for mortality prediction in emergency departments: a systematic review. BMJ Open, 2021, 11, e052663. | 0.8 | 18 |
| 18 | Experiences with HyperBase. SIGMOD Record, 1993, 22, 19-25. | 0.7 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Evaluation of Tools and Slicing Techniques for Efficient Verification of UML/OCL Class Diagrams. <i>Advances in Software Engineering</i> , 2011, 2011, 1-18. | 0.6 | 17 |
| 20 | A development environment for building component-based open hypermedia systems. , 2000, , . | | 16 |
| 21 | Left in limbo “ Experiences and needs among postmenopausal women newly diagnosed with osteoporosis without preceding osteoporotic fractures: A qualitative study. <i>Post Reproductive Health</i> , 2018, 24, 26-33. | 0.3 | 15 |
| 22 | Help at hand: Women’s experiences of using a mobile health application upon diagnosis of asymptomatic osteoporosis. <i>SAGE Open Medicine</i> , 2018, 6, 205031211880761. | 0.7 | 15 |
| 23 | Can Tele-Health Support Self-Care and Empowerment? A Qualitative Study of Hip Fracture Patients’ Experiences With Testing an “App”. <i>SAGE Open Nursing</i> , 2019, 5, 237796081982575. | 0.5 | 15 |
| 24 | Short-term atrial fibrillation detection using electrocardiograms: A comparison of machine learning approaches. <i>International Journal of Medical Informatics</i> , 2022, 163, 104790. | 1.6 | 14 |
| 25 | Cooperation services in the Construct structural computing environment. <i>Journal of Network and Computer Applications</i> , 2003, 26, 115-137. | 5.8 | 13 |
| 26 | Efficacy and cost-effectiveness of a therapist-assisted web-based intervention for depression and anxiety in patients with ischemic heart disease attending cardiac rehabilitation [eMindYourHeart trial]: a randomised controlled trial protocol. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 20. | 0.7 | 13 |
| 27 | CrimeFighter Investigator: A Novel Tool for Criminal Network Investigation. , 2011, , . | | 12 |
| 28 | Harvesting covert networks: a case study of the iMiner database. <i>International Journal of Networking and Virtual Organisations</i> , 2011, 8, 52. | 0.2 | 12 |
| 29 | Criminal network investigation. <i>Security Informatics</i> , 2014, 3, . | 2.5 | 12 |
| 30 | Structuring Facilities in Digital Libraries. <i>Lecture Notes in Computer Science</i> , 1998, , 295-313. | 1.0 | 12 |
| 31 | Overview of Slicing and Feedback Techniques for Efficient Verification of UML/OCL Class Diagrams. <i>IEEE Access</i> , 2018, 6, 23864-23882. | 2.6 | 11 |
| 32 | Modeling Suspicious Email Detection Using Enhanced Feature Selection. <i>International Journal of Modeling and Optimization</i> , 0, , 371-377. | 0.4 | 11 |
| 33 | Hypermedia research directions. <i>ACM Computing Surveys</i> , 1999, 31, 2. | 16.1 | 9 |
| 34 | Hypermedia technology for knowledge workers. , 2005, , . | | 9 |
| 35 | Identifying patients at risk of deterioration in the Joint Emergency Department. <i>Cognition, Technology and Work</i> , 2015, 17, 529-545. | 1.7 | 9 |
| 36 | The gap between women’s needs when diagnosed with asymptomatic osteoporosis and what is provided by the healthcare system: A qualitative study. <i>Chronic Illness</i> , 2021, 17, 3-16. | 0.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Predicting the Risk of Alcohol Use Disorder Using Machine Learning: A Systematic Literature Review. IEEE Access, 2021, 9, 151697-151712. | 2.6 | 9 |
| 38 | Hypertext structures for investigative teams. , 2011, , . | | 8 |
| 39 | Effectiveness of a comprehensive interactive eHealth intervention on patient-reported and clinical outcomes in patients with an implantable cardioverter defibrillator [ACQUIRE-ICD trial]: study protocol of a national Danish randomised controlled trial. BMC Cardiovascular Disorders, 2018, 18, 136. | 0.7 | 8 |
| 40 | A Predictive Machine Learning Model to Determine Alcohol Use Disorder. , 2020, , . | | 8 |
| 41 | Internet-based treatment of anxiety and depression in patients with ischaemic heart disease attending cardiac rehabilitation: a feasibility study (eMindYourHeart). European Heart Journal Digital Health, 2021, 2, 323-335. | 0.7 | 8 |
| 42 | Rethinking structural computing infrastructures. , 2004, , . | | 7 |
| 43 | Extended approximate string matching algorithms to detect name aliases. , 2011, , . | | 7 |
| 44 | Issues for the Next Generation of Criminal Network Investigation Tools. , 2013, , . | | 7 |
| 45 | Using the Construct Development Environment to Generate a File-Based Hypermedia Storage Service. Lecture Notes in Computer Science, 2000, , 147-159. | 1.0 | 7 |
| 46 | Quantifying the impact of addressing data challenges in prediction of length of stay. BMC Medical Informatics and Decision Making, 2021, 21, 298. | 1.5 | 7 |
| 47 | Report on the 2nd workshop on open hypermedia systems at Hypertext'96. ACM SIGOIS Bulletin, 1996, 17, 13-18. | 0.2 | 6 |
| 48 | Asap. , 2008, , . | | 6 |
| 49 | CCM: A Text Classification Model by Clustering. , 2011, , . | | 6 |
| 50 | Development of an internet-delivered program and platform for the treatment of depression and anxiety in patients with ischemic heart disease in eMindYourHeart. Informatics for Health and Social Care, 2021, 46, 178-191. | 1.4 | 6 |
| 51 | A Personalized and Interactive Web-Based Health Care Innovation to Advance the Quality of Life and Care of Patients With Heart Failure (ACQUIRE-HF): A Mixed Methods Feasibility Study. JMIR Research Protocols, 2017, 6, e96. | 0.5 | 6 |
| 52 | Hyperform: rapid prototyping of hypermedia services. Communications of the ACM, 1995, 38, 109-111. | 3.3 | 5 |
| 53 | Searching for revolution in structural computing. Journal of Network and Computer Applications, 2003, 26, 27-45. | 5.8 | 5 |
| 54 | An Agenda for Structural Computing Research. Lecture Notes in Computer Science, 2005, , 94-107. | 1.0 | 5 |

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|----|---|-----|-----------|
| 55 | A feedback technique for unsatisfiable UML/OCL class diagrams. <i>Software - Practice and Experience</i> , 2014, 44, 1379-1393. | 2.5 | 5 |
| 56 | Empowerment of whom? The gap between what the system provides and patient needs in hip fracture management: A healthcare professionals' lifeworld perspective. <i>International Journal of Orthopaedic and Trauma Nursing</i> , 2020, 38, 100778. | 0.4 | 5 |
| 57 | Providing Structural Computing Services on the World Wide Web. <i>Lecture Notes in Computer Science</i> , 2002, , 160-171. | 1.0 | 5 |
| 58 | UOST: UML/OCL Aggressive Slicing Technique for Efficient Verification of Models. <i>Lecture Notes in Computer Science</i> , 2011, , 173-192. | 1.0 | 5 |
| 59 | Openness in shared hypermedia workspaces. <i>SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia</i> , 1999, 8, 33-45. | 0.5 | 5 |
| 60 | UMLtoCSP (UOST). , 2012, , . | | 4 |
| 61 | PEVNET: A framework for visualization of criminal networks. , 2014, , . | | 4 |
| 62 | Prediction of Patients Severity at Emergency Department Using NARX and Ensemble Learning. , 2020, , . | | 4 |
| 63 | Report from the 4th workshop on open hypermedia systems. <i>SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia</i> , 1998, 7, 15-21. | 0.5 | 4 |
| 64 | Google Trends and Seasonal Effects in Infodemiology: A Use Case About Obesity. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 245-248. | 0.2 | 4 |
| 65 | A framework for classifying extensibility mechanisms in hypermedia systems. <i>Journal of Network and Computer Applications</i> , 2001, 24, 7-18. | 5.8 | 3 |
| 66 | Notice of Violation of IEEE Publication Principles - Novel Algorithms for Subgroup Detection in Terrorist Networks. , 2009, , . | | 3 |
| 67 | Cross-Cultural Bayesian Network Analysis of Factors Affecting Residents' Concerns About the Spread of an Infectious Disease Caused by Tourism. <i>Frontiers in Psychology</i> , 2021, 12, 635110. | 1.1 | 3 |
| 68 | Development Tools in Component-Based Structural Computing Environments. <i>Lecture Notes in Computer Science</i> , 2002, , 82-93. | 1.0 | 3 |
| 69 | Toward a Structure Domain Interoperability Space. <i>Lecture Notes in Computer Science</i> , 2004, , 66-71. | 1.0 | 3 |
| 70 | Novel Visualization Features of Temporal Data Using PEVNET. <i>Communications in Computer and Information Science</i> , 2014, , 228-241. | 0.4 | 3 |
| 71 | A 3-Staged Approach to Identifying Patients at Risk of Deterioration in Emergency Departments. , 2015, , . | | 3 |
| 72 | Personalized Predictive Models for Identifying Clinical Deterioration Using LSTM in Emergency Departments. <i>Studies in Health Technology and Informatics</i> , 2020, 275, 152-156. | 0.2 | 3 |

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|----|---|-----|-----------|
| 73 | 2nd workshop on open hypermedia systems. SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia, 1996, 5, 3-4. | 0.5 | 2 |
| 74 | A Tool for Analysis and Visualization of Criminal Networks. , 2015, , . | | 2 |
| 75 | A Patient Deterioration Warning System for Boosting Situational Awareness of Monitored Patients. , 2016, , . | | 2 |
| 76 | Factors related to monitoring during admission of acute patients. Journal of Clinical Monitoring and Computing, 2017, 31, 641-649. | 0.7 | 2 |
| 77 | User Interface Design Recommendations Through Multi-Criteria Decision Analysis. , 2018, , 269-293. | | 2 |
| 78 | <div>Emotion-Based Content Personalization in Social Networks </div>. Journal of Information and Organizational Sciences, 2018, 42, 1-16. | 0.2 | 2 |
| 79 | Prevention of AcuTe admISSION algorithm (PATINA): study protocol of a stepped wedge randomized controlled trial. BMC Geriatrics, 2021, 21, 146. | 1.1 | 2 |
| 80 | Lessons Learned with the Construct Development Environment. Lecture Notes in Computer Science, 2003, , 9-17. | 1.0 | 2 |
| 81 | Big Data Analytics in Healthcare: A Review of Opportunities and Challenges. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 126-141. | 0.2 | 2 |
| 82 | Towards a Proposal for a Standard Component-Based Open Hypermedia System Storage Interface. Lecture Notes in Computer Science, 2000, , 23-30. | 1.0 | 2 |
| 83 | Using Participatory Design to design and develop mHealth for women with osteoporosis. International Journal of Integrated Care, 2016, 16, 23. | 0.1 | 2 |
| 84 | Design and Evaluation of a Patient Monitoring Dashboard for Emergency Departments. Studies in Health Technology and Informatics, 2019, 264, 788-792. | 0.2 | 2 |
| 85 | Using Facial Landmark Detection on Thermal Images as a Novel Prognostic Tool for Emergency Departments. Frontiers in Artificial Intelligence, 2022, 5, . | 2.0 | 2 |
| 86 | Towards a structural diversity space. , 2004, , . | | 1 |
| 87 | LanguageNet: A novel framework for processing unstructured text information. , 2011, , . | | 1 |
| 88 | Harvesting Information from Heterogeneous Sources. , 2011, , . | | 1 |
| 89 | Visual Analysis of Heterogeneous Networks. , 2013, , . | | 1 |
| 90 | Clustering Emergency Department patients - an assessment of group normality. , 2015, 2015, 6824-9. | | 1 |

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|-----|---|-----|-----------|
| 91 | Monitor alarms in the Emergency Department are frequent and unequally distributed during a day. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, . | 1.1 | 1 |
| 92 | Occurrence of elevated shock index in acute patients and development of a proportional shock index metric. , 2016, 2016, 2411-2414. | | 1 |
| 93 | Effectiveness of Mobile Electrocardiogram in Healthcare. , 2017, , . | | 1 |
| 94 | Prediction of Length of Stay Using Vital Signs at the Admission Time in Emergency Departments. Smart Innovation, Systems and Technologies, 2021, , 143-153. | 0.5 | 1 |
| 95 | Deep Neural Network to Identify Patients with Alcohol Use Disorder. Studies in Health Technology and Informatics, 2021, 281, 238-242. | 0.2 | 1 |
| 96 | Attitudes of Patients and Health Professionals Regarding Screening Algorithms: Qualitative Study. JMIR Formative Research, 2021, 5, e17971. | 0.7 | 1 |
| 97 | Cooperation Services in a Structural Computing Environment. Lecture Notes in Computer Science, 2002, , 172-182. | 1.0 | 1 |
| 98 | CrimeFighter Investigator: Criminal Network Sense-Making. , 2013, , 323-359. | | 1 |
| 99 | Patient@home Ecosystem. Nordisk VÅlfÅrdsforskning, 2019, 4, 32-36. | 0.2 | 1 |
| 100 | Analysis of Comorbidities of Alcohol Use Disorder. , 2021, , . | | 1 |
| 101 | Preface to "Hypermedia extensibility mechanisms and scripting languages"™. Journal of Network and Computer Applications, 2001, 24, 1-5. | 5.8 | 0 |
| 102 | Hypermedia technologies for supporting scholarly work in digital libraries. International Journal of Computer Applications in Technology, 2003, 16, 87. | 0.3 | 0 |
| 103 | heteroHarvest: Harvesting information from heterogeneous sources. , 2011, , . | | 0 |
| 104 | Message from the General Chairs of EISIC 2012. , 2012, , . | | 0 |
| 105 | CrimeFighter Investigator: Integrating synthesis and sense-making for criminal network investigation. Security Informatics, 2013, 2, . | 2.5 | 0 |
| 106 | Message from General and Program Chairs. , 2013, , . | | 0 |
| 107 | Predicting Links in Multi-relational Networks. , 2014, , . | | 0 |
| 108 | Triage specific patient monitoring greatly impacts the number of alarming events in the Emergency Department. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, . | 1.1 | 0 |

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|-----|---|-----|-----------|
| 109 | Evaluating Criminal Networks with PEVNET. , 2015, , . | | 0 |
| 110 | Visualizing Composites in PEVNET. , 2017, , . | | 0 |
| 111 | Composite Visualization Features in PEVNET: A Framework for Visualization of Criminal Networks. Studies in Big Data, 2018, , 37-44. | 0.8 | 0 |
| 112 | Enhancing Gadgets for Blinds Through Scale Invariant Feature Transform. Studies in Computational Intelligence, 2019, , 149-159. | 0.7 | 0 |
| 113 | A Home-Based Self-administered Assessment of Neck Proprioception. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 133-144. | 0.2 | 0 |
| 114 | Informal-to-Formal Word Conversion for Persian Language Using Natural Language Processing Techniques. , 2021, , . | | 0 |
| 115 | A Tool for Monitoring of YouTube Content. , 2014, , . | | 0 |
| 116 | Evaluating PEVNET: A Framework for Visualization of Criminal Networks. Communications in Computer and Information Science, 2015, , 131-149. | 0.4 | 0 |
| 117 | QS Mapper: A Transparent Data Aggregator for the Quantified Self - Freedom from Particularity Using Two-way Mappings. , 2015, , . | | 0 |
| 118 | Development, assessment, and implementation of telemedicine and health informatics solutions. International Journal of Integrated Care, 2015, 15, . | 0.1 | 0 |
| 119 | A personalized and interactive web-based innovation to AdvanCe the Quality of life and caRE in Heart Failure patients (ACQUIRE-HF). International Journal of Integrated Care, 2015, 15, . | 0.1 | 0 |
| 120 | Nurse utilization of patient monitoring systems at an Emergency Department bedside ward â€œ A survey analysis. International Journal of Integrated Care, 2015, 15, . | 0.1 | 0 |
| 121 | Mobile Health Technology â€œ an offer to postmenopausal women with osteoporosis? A PhD study in Patient@home. International Journal of Integrated Care, 2015, 15, . | 0.1 | 0 |
| 122 | Telemedicine, as a way to qualify the orthopaedic pathway â€œ a Participatory Design study. International Journal of Integrated Care, 2016, 16, 24. | 0.1 | 0 |
| 123 | Challenges and Recommendations for Implementing a Novel Patient Monitoring System for Emergency Departments. , 2020, , . | | 0 |
| 124 | Forecasting the COVID-19 Spread in Iran, Italy, and Mexico Using Novel Nonlinear Autoregressive Neural Network and ARIMA-Based Hybrid Models. Advances in Sustainability Science and Technology, 2022, , 119-135. | 0.4 | 0 |