Bernard Kamsu-Foguem

List of Publications by Year
in descending order

63 papers	1,768 citations	331670 21 h-index	289244 40 g-index
64 all docs	64 docs citations	64 times ranked	1410 citing authors

#	Article	IF	Citations
1	Artificial intelligence and real-time predictive maintenance in industry 4.0: a bibliometric analysis. AI and Ethics, 2022, 2, 553-577.	6.8	19
2	Learning with deep Gaussian processes and homothety in weather simulation. Neural Computing and Applications, 2022, 34, 17441-17453.	5.6	2
3	Explainability with Association Rule Learning for Weather Forecast. SN Computer Science, 2021, 2, 1.	3.6	4
4	An integrated Linked Building Data system: AEC industry case. Advances in Engineering Software, 2021, 152, 102930.	3.8	11
5	Reliability Analysis with Proportional Hazard Model in Aeronautics. International Journal of Aeronautical and Space Sciences, 2021, 22, 1222-1234.	2.0	3
6	Proportional hazard model for cutting tool recovery in machining. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2020, 234, 322-332.	0.7	1
7	Rule-based machine learning for knowledge discovering in weather data. Future Generation Computer Systems, 2020, 108, 861-878.	7.5	12
8	Service-Oriented Computing for intelligent train maintenance. Enterprise Information Systems, 2019, 13, 63-86.	4.7	7
9	Graph-based ontology reasoning for formal verification of BREEAM rules. Cognitive Systems Research, 2019, 55, 14-33.	2.7	17
10	Deep neural networks with transfer learning in millet crop images. Computers in Industry, 2019, 108, 115-120.	9.9	189
11	BIM-oriented data mining for thermal performance of prefabricated buildings. Ecological Informatics, 2019, 51, 61-72.	5.2	20
12	Software services for supporting remote crisis management. Sustainable Cities and Society, 2018, 39, 814-827.	10.4	7
13	Discovering frequent patterns for in-flight incidents. Cognitive Systems Research, 2018, 49, 97-113.	2.7	7
14	Prediction of U.S. General Aviation fatalities from extreme value approach. Transportation Research, Part A: Policy and Practice, 2018, 109, 65-75.	4.2	3
15	Management of acoustic risks for buildings near airports. Ecological Informatics, 2018, 44, 43-56.	5.2	6
16	Decision support system for in-flight emergency events. Cognition, Technology and Work, 2018, 20, 245-266.	3.0	11
17	Quality control in machining using order statistics. Measurement: Journal of the International Measurement Confederation, 2018, 116, 596-601.	5.0	6
18	Experience feedback in product lifecycle management. Computers in Industry, 2018, 95, 1-14.	9.9	9

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19	Argumentation graphs with constraint-based reasoning for collaborative expertise. Future Generation Computer Systems, 2018, 81, 16-29.	7.5	10
20	Deep convolution neural network for image recognition. Ecological Informatics, 2018, 48, 257-268.	5.2	236
21	Data mining for decision support with uncertainty on the airplane. Data and Knowledge Engineering, 2018, 117, 18-36.	3.4	6
22	Management and assessment of performance risks for bioclimatic buildings. Journal of Cleaner Production, 2017, 147, 654-667.	9.3	7
23	Risk information formalisation with graphs. Computers in Industry, 2017, 85, 58-69.	9.9	16
24	Data mining techniques on satellite images for discovery of risk areas. Expert Systems With Applications, 2017, 72, 443-456.	7.6	39
25	Information structuring and risk-based inspection for the marine oil pipelines. Applied Ocean Research, 2016, 56, 132-142.	4.1	21
26	Argumentation and graph properties. Information Processing and Management, 2016, 52, 319-325.	8.6	4
27	Experience feedback for risk assessment in aeronautic buildings. Journal of Cleaner Production, 2016, 137, 1237-1245.	9.3	8
28	Neurodegeneration in tauopathies and synucleinopathies. Revue Neurologique, 2016, 172, 709-714.	1.5	9
29	Integrating MDA and SOA for improving telemedicine services. Telematics and Informatics, 2016, 33, 733-741.	5.8	16
30	Telemedicine framework using case-based reasoning with evidences. Computer Methods and Programs in Biomedicine, 2015, 121, 21-35.	4.7	40
31	Combining conceptual graphs and argumentation for aiding in the teleexpertise. Computers in Biology and Medicine, 2015, 63, 157-168.	7.0	14
32	A framework for decision making on teleexpertise with traceability of the reasoning. Irbm, 2015, 36, 40-51.	5.6	18
33	Experienced knowledge for the description of maintenance packages. Journal of Manufacturing Systems, 2015, 37, 448-455.	13.9	5
34	Modeling for effective collaboration in telemedicine. Telematics and Informatics, 2015, 32, 776-786.	5.8	29
35	Knowledge-based modelling applied to synucleinopathies. European Geriatric Medicine, 2015, 6, 381-388.	2.8	8
36	Experience modeling with graphs encoded knowledge for construction industry. Computers in Industry, 2015, 70, 79-88.	9.9	23

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37	Knowledge engineering approach for the analysis of viticulture. Ecological Informatics, 2015, 30, 72-81.	5.2	5
38	Argumentative reasoning and taxonomic analysis for the identification of medical errors. Engineering Applications of Artificial Intelligence, 2015, 46, 166-179.	8.1	16
39	Generating knowledge in maintenance from Experience Feedback. Knowledge-Based Systems, 2014, 68, 4-20.	7.1	87
40	Software architecture knowledge for intelligent light maintenance. Advances in Engineering Software, 2014, 67, 125-135.	3.8	13
41	Could telemedicine enhance traditional medicine practices?. European Research in Telemedicine, 2014, 3, 117-123.	0.5	19
42	Telemedicine and mobile health with integrative medicine in developing countries. Health Policy and Technology, 2014, 3, 264-271.	2.5	50
43	Using conceptual graphs for clinical guidelines representation and knowledge visualization. Information Systems Frontiers, 2014, 16, 571-589.	6.4	32
44	Knowledge description for the suitability requirements of different geographical regions for growing wine. Land Use Policy, 2014, 38, 719-731.	5.6	13
45	Verifying a medical protocol with temporal graphs: The case of a nosocomial disease. Journal of Critical Care, 2014, 29, 690.e1-690.e9.	2.2	14
46	Telemedicine using mobile telecommunication: Towards syntactic interoperability in teleexpertise. Telematics and Informatics, 2014, 31, 648-659.	5.8	33
47	An ontological view in telemedicine. European Research in Telemedicine, 2014, 3, 67-76.	0.5	14
48	Systemic modeling in telemedicine. European Research in Telemedicine, 2014, 3, 57-65.	0.5	23
49	Conceptual graph operations for formal visual reasoning in the medical domain. Irbm, 2014, 35, 262-270.	5.6	18
50	Adverse drug reactions in some African herbal medicine: literature review and stakeholders' interview. Integrative Medicine Research, 2014, 3, 126-132.	1.8	50
51	Graph-based reasoning in collaborative knowledge management for industrial maintenance. Computers in Industry, 2013, 64, 998-1013.	9.9	48
52	Mining association rules for the quality improvement of the production process. Expert Systems With Applications, 2013, 40, 1034-1045.	7.6	129
53	Acute osteomyelitis due to Staphylococcus aureus in children: What is the status of treatment today?. Pediatric Infectious Disease, 2013, 5, 122-126.	0.1	11
54	Knowledge reuse integrating the collaboration from experts in industrial maintenance management. Knowledge-Based Systems, 2013, 50, 171-186.	7.1	75

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55	Analysis reuse exploiting taxonomical information and belief assignment in industrial problem solving. Computers in Industry, 2013, 64, 1035-1044.	9.9	20
56	Conceptual graph-based knowledge representation for supporting reasoning in African traditional medicine. Engineering Applications of Artificial Intelligence, 2013, 26, 1348-1365.	8.1	54
57	User-centered visual analysis using a hybrid reasoning architecture for intensive care units. Decision Support Systems, 2012, 54, 496-509.	5.9	35
58	Knowledge-based support in Non-Destructive Testing for health monitoring of aircraft structures. Advanced Engineering Informatics, 2012, 26, 859-869.	8.0	54
59	Structural-model approach of causal reasoning in problem solving processes. , 2011, , .		3
60	Continuous improvement through knowledge-guided analysis in experience feedback. Engineering Applications of Artificial Intelligence, 2011, 24, 1419-1431.	8.1	48
61	Requirements modelling and formal analysis using graph operations. International Journal of Production Research, 2006, 44, 3451-3470.	7.5	20
62	A formal verification framework and associated tools for Enterprise Modeling: Application to UEML. Computers in Industry, 2006, 57, 153-166.	9.9	20
63	Enterprise model verification and validation: an approach. Annual Reviews in Control, 2003, 27, 185-197.	7.9	21