Hector Florez

List of Publications by Year
in descending order

38 papers	224 citations	1307366 7 h-index	1199470 12 g-index
41 all docs	41 docs citations	41 times ranked	210 citing authors

#	Article	IF	Citations
1	Coronavirus disease 2019 drug discovery through molecular docking. F1000Research, 2020, 9, 502.	0.8	32
2	Online dashboard and data analysis approach for assessing COVID-19 case and death data. F1000Research, 2020, 9, 570.	0.8	29
3	A catalog of automated analysis methods for enterprise models. SpringerPlus, 2016, 5, 406.	1.2	20
4	A Secured Private-Cloud Computing System. Communications in Computer and Information Science, 2019, , 373-384.	0.4	13
5	Bioinformatic study to discover natural molecules with activity against COVID-19. F1000Research, 2020, 9, 1203.	0.8	13
6	Coevolution assistance for enterprise architecture models. , 2012, , .		10
7	Extensible Model-Based Approach for Supporting Automatic Enterprise Analysis. , 2014, , .		9
8	iArchiMate: A Tool for Managing Imperfection in Enterprise Models. , 2014, , .		9
9	Dynamic Interface and Access Model by Dead Token for IoT Systems. Communications in Computer and Information Science, 2019, , 485-498.	0.4	8
10	An approach to the co-creation of models and metamodels in Enterprise Architecture Projects.. Journal of Object Technology, 2014, 13, 2:1.	0.8	8
11	Co-creation of models and metamodels for enterprise architecture projects. , 2012, , .		7
12	Análisis del virus de la hepatitis C en pacientes en hemodiálisis. Infectio, 2016, 20, 130-137.	0.4	6
13	Applying the Flipped Classroom Model Using a VLE for Foreign Languages Learning. Communications in Computer and Information Science, 2018, , 215-227.	0.4	6
14	Model Driven Engineering Approach to Manage Peripherals in Mobile Devices. Lecture Notes in Computer Science, 2018, , 353-364.	1.0	5
15	Improving Game Modeling for the Quoridor Game State Using Graph Databases. Advances in Intelligent Systems and Computing, 2018, , 333-342.	0.5	5
16	An Approach of a Framework to Create Web Applications. Lecture Notes in Computer Science, 2018, , 341-352.	1.0	4
17	Mobile Based Approach for Accident Reporting. Communications in Computer and Information Science, 2019, , 302-311.	0.4	4
18	Prostate Cancer Diagnosis Automation Using Supervised Artificial Intelligence. A Systematic Literature Review. Communications in Computer and Information Science, 2020, , 104-115.	0.4	4

#	Article	IF	Citations
19	Model Driven Engineering Approach to Configure Software Reusable Components. Communications in Computer and Information Science, 2018, , 352-363.	0.4	3
20	Pathogen Sequence Signature Analysis (PSSA): A software tool for analyzing sequences to identify microorganism genotypes. F1000Research, 0, 6, 21.	0.8	3
21	Biomedical Mutation Analysis (BMA): A software tool for analyzing mutations associated with antiviral resistance. F1000Research, 2016, 5, 1141.	0.8	3
22	Supporting drafts for enterprise modeling. , 2014, , .		2
23	Architectural Approaches for Phonemes Recognition Systems. Communications in Computer and Information Science, 2018, , 267-279.	0.4	2
24	Automatic Code Generation System for Transactional Web Applications. Lecture Notes in Computer Science, 2019, , 436-451.	1.0	2
25	An Experimental Comparison of Algorithms for Nodes Clustering in a Neural Network of Caenorhabditis Elegans. Lecture Notes in Computer Science, 2021, , 327-339.	1.0	2
26	Prevalence of hepatitis B and C infections in hemodialysis patients. F1000Research, 0, 5, 1910.	0.8	2
27	Biomedical Mutation Analysis (BMA): A software tool for analyzing mutations associated with antiviral resistance. F1000Research, 2016, 5, 1141.	0.8	2
28	Bioinformatics Methods to Discover Antivirals Against Zika Virus. Communications in Computer and Information Science, 2019, , 3-14.	0.4	2
29	Bioinformatics Approach to Analyze Influenza Viruses. Communications in Computer and Information Science, 2018, , 442-452.	0.4	1
30	Artificial Intelligence and Data Science in the Detection, Diagnosis, and Control of COVID-19: A Systematic Mapping Study. Lecture Notes in Computer Science, 2021, , 354-368.	1.0	1
31	A Web-Based Approach for Analyzing Microorganism Sequences. Communications in Computer and Information Science, 2017, , 96-107.	0.4	1
32	Hardware and Software System for Hydric Estimation and Crop Irrigation Scheduling. Lecture Notes in Computer Science, 2019, , 150-165.	1.0	1
33	Comparative Analysis of Three Obstacle Detection and Avoidance Algorithms for a Compact Differential Drive Robot I N V-Rep. Communications in Computer and Information Science, 2019, , 357-369.	0.4	1
34	Computer analysis of resistance mutations to HCV NS5A antivirals. International Journal of Infectious Diseases, 2018, 73, 382-383.	1.5	0
35	Computational analysis of resistance mutations in the hepatitis C virus. Revista Vínculos, 2018, 15, 27-33.	0.0	0
36	Correction to: Applied Informatics. Communications in Computer and Information Science, 2019, , C1-C1.	0.4	0

#	Article	IF	Citations
37	Drafting Enterprise Models. Advances in Business Information Systems and Analytics Book Series, 2019, , 183-214.	0.3	0
38	Human Factors in Automated Analysis for Enterprise Models. Advances in IT Personnel and Project Management, 2020, , 186-204.	0.3	0