

# Alberto Casagrande

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6549759/publications.pdf>

Version: 2024-02-01

25  
papers

3,674  
citations

1307594

7  
h-index

996975

15  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5717  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifty years of Shannon information theory in assessing the accuracy and agreement of diagnostic tests. <i>Medical and Biological Engineering and Computing</i> , 2022, 60, 941-955.	2.8	5
2	Pressure-flow breath representation eases asynchrony identification in mechanically ventilated patients. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1499-1508.	1.6	2
3	An effective pressure-flow characterization of respiratory asynchronies in mechanical ventilation. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 289-296.	1.6	13
4	Beyond kappa: an informational index for diagnostic agreement in dichotomous and multivalued ordered-categorical ratings. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 3089-3099.	2.8	10
5	Extending Information Agreement by Continuity. , 2020, , .		2
6	<i>PolyMorph</i>: Increasing the Spelling Efficiency of P300 by Selection Matrix PolyMorphism and Sentence-Based Predictions. <i>International Journal of Human-Computer Interaction</i> , 2018, 34, 1085-1104.	4.8	0
7	Is Hyper-extensionality Preservable Under Deletions of Graph Elements?. <i>Electronic Notes in Theoretical Computer Science</i> , 2016, 322, 103-118.	0.9	8
8	Unwinding biological systems. <i>Theoretical Computer Science</i> , 2015, 587, 26-48.	0.9	1
9	μ-Semantics computations on biological systems. <i>Information and Computation</i> , 2014, 236, 35-51.	0.7	3
10	External Interactions on Hybrid Models of Biological Systems. <i>Lecture Notes in Computer Science</i> , 2014, , 63-81.	1.3	1
11	pyHybrid Analysis: A Package for Semantics Analysis of Hybrid Systems. , 2013, , .		2
12	PolyMorph: A P300 Polymorphic Speller. <i>Lecture Notes in Computer Science</i> , 2013, , 297-306.	1.3	1
13	FAMILY FINGERPRINTS: A GLOBAL APPROACH TO STRUCTURAL CLASSIFICATION. <i>Journal of Bioinformatics and Computational Biology</i> , 2012, 10, 1242001.	0.8	0
14	Model Checking on Hybrid Automata. , 2012, , .		2
15	SCOP family fingerprints: An information theoretic approach to structural classification of protein domains. , 2011, , .		0
16	GAM: Genomic Assemblies Merger: A Graph Based Method to Integrate Different Assemblies. , 2009, , .		9
17	A consensus list of microsatellite markers for olive genotyping. <i>Molecular Breeding</i> , 2009, 24, 213-231.	2.1	188
18	Discrete Semantics for Hybrid Automata. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2009, 19, 471-493.	1.5	10

#	ARTICLE	IF	CITATIONS
19	Inclusion dynamics hybrid automata. Information and Computation, 2008, 206, 1394-1424.	0.7	14
20	Discreteness, hybrid automata, and biology. , 2008, , .		4
21	The grapevine genome sequence suggests ancestral hexaploidization in major angiosperm phyla. Nature, 2007, 449, 463-467.	27.8	3,384
22	Translating Time-Course Gene Expression Profiles into Semi-algebraic Hybrid Automata Via Dimensionality Reduction. Lecture Notes in Computer Science, 2007, , 51-65.	1.3	3
23	Semi-Algebraic Constant Reset Hybrid Automata - SACoRe. , 0, , .		6
24	Hybrid Automata and $\hat{\mu}$ -Analysis on a Neural Oscillator. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 92, 58-72.	0.8	3
25	Approximated Symbolic Computations over Hybrid Automata. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 124, 43-57.	0.8	1