Federico Reali

List of Publications by Year
in descending order

9 papers	**138** citations	1478505 **6** h-index	1372567 **10** g-index
11 all docs	**11** docs citations	**11** times ranked	**225** citing authors

#	Article	IF	Citations
1	A robust computational pipeline for model-based and data-driven phenotype clustering. Bioinformatics, 2021, 37, 1269-1277.	4.1	3
2	A Retrospective Analysis of the COVID-19 Pandemic Evolution in Italy. Biology, 2021, 10, 311.	2.8	8
3	QSPcc reduces bottlenecks in computational model simulations. Communications Biology, 2021, 4, 1022.	4.4	2
4	A Quantitative Systems Pharmacology Model of Gaucher Disease Type 1 Provides Mechanistic Insight Into the Response to Substrate Reduction Therapy With Eliglustat. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 374-383.	2.5	14
5	Stochastic simulation algorithms for computational systems biology: Exact, approximate, and hybrid methods. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2019, 11, e1459.	6.6	13
6	Incorporating extrinsic noise into the stochastic simulation of biochemical reactions: A comparison of approaches. Journal of Chemical Physics, 2018, 148, 064111.	3.0	8
7	Mechanistic interplay between ceramide and insulin resistance. Scientific Reports, 2017, 7, 41231.	3.3	38
8	Optimization Algorithms for Computational Systems Biology. Frontiers in Applied Mathematics and Statistics, 2017, 3, .	1.3	34
9	A Novel Insulin/Glucose Model after a Mixed-Meal Test in Patients with Type 1 Diabetes on Insulin Pump Therapy. Scientific Reports, 2016, 6, 36029.	3.3	10