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	Mechanistic interplay between ceramide and insulin resistance. Scientific Reports, 2017, 7, 41231.	3.3	38
2	Optimization Algorithms for Computational Systems Biology. Frontiers in Applied Mathematics and Statistics, 2017, 3, .	1.3	34
3	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
4	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
5	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
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	A Retrospective Analysis of the COVID-19 Pandemic Evolution in Italy. Biology, 2021, 10, 311.	2.8	8
8	A robust computational pipeline for model-based and data-driven phenotype clustering. Bioinformatics, 2021, 37, 1269-1277.	4.1	3
9	QSPcc reduces bottlenecks in computational model simulations. Communications Biology, 2021, 4, 1022.	4.4	2