

Gianluca Selvaggio

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

258
citations

1307594

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h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	In Silico Logical Modelling to Uncover Cooperative Interactions in Cancer. International Journal of Molecular Sciences, 2021, 22, 4897.	4.1	1
2	A quantitative systems pharmacology approach to support mRNA vaccine development and optimization. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 1448-1451.	2.5	8
3	Hybrid Epithelial-Mesenchymal Phenotypes Are Controlled by Microenvironmental Factors. Cancer Research, 2020, 80, 2407-2420.	0.9	34
4	Toward in vivo-relevant hERG safety assessment and mitigation strategies based on relationships between non-equilibrium blocker binding, three-dimensional channel-blocker interactions, dynamic occupancy, dynamic exposure, and cellular arrhythmia. PLoS ONE, 2020, 15, e0234946.	2.5	11
5	Mapping the phenotypic repertoire of the cytoplasmic 2-Cys peroxiredoxin Thioredoxin system. 1. Understanding commonalities and differences among cell types. Redox Biology, 2018, 15, 297-315.	9.0	28
6	Biodynamics: A novel quasi-first principles theory on the fundamental mechanisms of cellular function/dysfunction and the pharmacological modulation thereof. PLoS ONE, 2018, 13, e0202376.	2.5	14
7	Synthetic mixed-signal computation in living cells. Nature Communications, 2016, 7, 11658.	12.8	87
8	Integration between anticipatory blocking and redox signaling by the peroxiredoxin/thioredoxin/thioredoxin-reductase system. Free Radical Biology and Medicine, 2014, 75, S47-S48.	2.9	1
9	Is the Peroxiredoxin 2/Thioredoxin/Thioredoxin Reductase system in human erythrocytes designed for redox signaling?. Free Radical Biology and Medicine, 2014, 75, S24.	2.9	3
10	Is Peroxiredoxin II's peroxidase activity strongly inhibited in human erythrocytes?. Free Radical Biology and Medicine, 2014, 75, S23-S24.	2.9	0
11	Hydrogen peroxide metabolism and sensing in human erythrocytes: A validated kinetic model and reappraisal of the role of peroxiredoxin II. Free Radical Biology and Medicine, 2014, 74, 35-49.	2.9	62
12	Image Analysis for Automatic Characterization of Polyhydroxycarboxylates Granules. Lecture Notes in Computer Science, 2013, , 790-797.	1.3	3