Philippe Lucarelli

List of Publications by Year
in descending order

21 papers	**781** citations	840776 **11** h-index	713466 **21** g-index
21 all docs	**21** docs citations	**21** times ranked	**1533** citing authors

#	Article	IF	Citations
1	Clinical update on head and neck cancer: molecular biology and ongoing challenges. Cell Death and Disease, 2019, 10, 540.	6.3	339
2	Downregulation of the TGFβ Pseudoreceptor BAMBI in Non–Small Cell Lung Cancer Enhances TGFβ Signaling and Invasion. Cancer Research, 2016, 76, 3785-3801.	0.9	75
3	Annexin A1 regulates EGFR activity and alters EGFR-containing tumour-derived exosomes in head and neck cancers. European Journal of Cancer, 2018, 102, 52-68.	2.8	69
4	Resolving the Combinatorial Complexity of Smad Protein Complex Formation and Its Link to Gene Expression. Cell Systems, 2018, 6, 75-89.e11.	6.2	55
5	Cancer Cells Employ Nuclear Caspase-8 to Overcome the p53-Dependent G2/M Checkpoint through Cleavage of USP28. Molecular Cell, 2020, 77, 970-984.e7.	9.7	54
6	Machine learning-assisted neurotoxicity prediction in human midbrain organoids. Parkinsonism and Related Disorders, 2020, 75, 105-109.	2.2	41
7	Dynamics and feedback loops in the transforming growth factor β signaling pathway. Biophysical Chemistry, 2012, 162, 22-34.	2.8	29
8	Model Based Targeting of IL-6-Induced Inflammatory Responses in Cultured Primary Hepatocytes to Improve Application of the JAK Inhibitor Ruxolitinib. Frontiers in Physiology, 2017, 8, 775.	2.8	19
9	Context-specific flow through the MEK/ERK module produces cell- and ligand-specific patterns of ERK single and double phosphorylation. Science Signaling, 2016, 9, ra13.	3.6	18
10	ATG5 and ATG7 Expression Levels Are Reduced in Cutaneous Melanoma and Regulated by NRF1. Frontiers in Oncology, 2021, 11, 721624.	2.8	15
11	Impaired serine metabolism complements LRRK2-G2019S pathogenicity in PD patients. Parkinsonism and Related Disorders, 2019, 67, 48-55.	2.2	13
12	Computational models of melanoma. Theoretical Biology and Medical Modelling, 2020, 17, 8.	2.1	11
13	FALCON: a toolbox for the fast contextualization of logical networks. Bioinformatics, 2017, 33, 3431-3436.	4.1	10
14	L-plastin Ser5 phosphorylation is modulated by the PI3K/SGK pathway and promotes breast cancer cell invasiveness. Cell Communication and Signaling, 2021, 19, 22.	6.5	7
15	Systemic network analysis identifies XIAP and IκBα as potential drug targets in TRAIL resistant BRAF mutated melanoma. Npj Systems Biology and Applications, 2018, 4, 39.	3.0	6
16	Stroma-induced phenotypic plasticity offers phenotype-specific targeting to improve melanoma treatment. Cancer Letters, 2018, 439, 1-13.	7.2	6
17	Hypoxia Routes Tryptophan Homeostasis Towards Increased Tryptamine Production. Frontiers in Immunology, 2021, 12, 590532.	4.8	6
18	Exemplify: A Flexible Template Based Solution, Parsing and Managing Data in Spreadsheets for Experimentalists. Journal of Integrative Bioinformatics, 2013, 10, 58-70.	1.5	3

#	Article	IF	Citations
19	Using Regularization to Infer Cell Line Specificity in Logical Network Models of Signaling Pathways. Frontiers in Physiology, 2018, 9, 550.	2.8	3
20	Thermodynamically constrained averaging theory for cancer growth modelling * *Horizon 2020 MSCA grant agreement No 642295 www.melplex.eu. IFAC-PapersOnLine, 2016, 49, 289-294.	0.9	1
21	Excemplify: a flexible template based solution, parsing and managing data in spreadsheets for experimentalists. Journal of Integrative Bioinformatics, 2013, 10, 220.	1.5	1