

# Luca L Fava

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,373  
citations

567281

15  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Phosphoproteomics Reveal mTORC1 Activates de Novo Pyrimidine Synthesis. <i>Science</i> , 2013, 339, 1320-1323.	12.6	427
2	The PIDDosome activates p53 in response to supernumerary centrosomes. <i>Genes and Development</i> , 2017, 31, 34-45.	5.9	153
3	Mitotic control of kinetochore-associated dynein and spindle orientation by human Spindly. <i>Journal of Cell Biology</i> , 2009, 185, 859-874.	5.2	140
4	The NOXA-MCL1-BIM axis defines lifespan on extended mitotic arrest. <i>Nature Communications</i> , 2015, 6, 6891.	12.8	86
5	Caspase-2 at a glance. <i>Journal of Cell Science</i> , 2012, 125, 5911-5915.	2.0	74
6	Probing the in vivo function of Mad1:C-Mad2 in the spindle assembly checkpoint. <i>EMBO Journal</i> , 2011, 30, 3322-3336.	7.8	73
7	Perturbing mitosis for anti-cancer therapy: is cell death the only answer?. <i>EMBO Reports</i> , 2018, 19, .	4.5	67
8	RIPK1 and Caspase-8 Ensure Chromosome Stability Independently of Their Role in Cell Death and Inflammation. <i>Molecular Cell</i> , 2019, 73, 413-428.e7.	9.7	50
9	Evaluation of Data-Dependent and -Independent Mass Spectrometric Workflows for Sensitive Quantification of Proteins and Phosphorylation Sites. <i>Journal of Proteome Research</i> , 2014, 13, 5973-5988.	3.7	44
10	E2F-Family Members Engage the PIDDosome to Limit Hepatocyte Ploidy in Liver Development and Regeneration. <i>Developmental Cell</i> , 2020, 52, 335-349.e7.	7.0	40
11	Centriolar distal appendages activate the centrosome-PIDDosome-p53 signalling axis via ANKRD26. <i>EMBO Journal</i> , 2021, 40, e104844.	7.8	40
12	The resurrection of the PIDDosome - emerging roles in the DNA-damage response and centrosome surveillance. <i>Journal of Cell Science</i> , 2017, 130, 3779-3787.	2.0	39
13	Death of p53-defective cells triggered by forced mitotic entry in the presence of DNA damage is not uniquely dependent on Caspase-2 or the PIDDosome. <i>Cell Death and Disease</i> , 2013, 4, e942-e942.	6.3	33
14	GTP regulates the microtubule nucleation activity of $\beta$ -tubulin. <i>Nature Cell Biology</i> , 2013, 15, 1317-1327.	10.3	28
15	p53 mitotic centrosome localization preserves centrosome integrity and works as sensor for the mitotic surveillance pathway. <i>Cell Death and Disease</i> , 2019, 10, 850.	6.3	26
16	Allele-specific genomic data elucidate the role of somatic gain and copy-number neutral loss of heterozygosity in cancer. <i>Cell Systems</i> , 2022, 13, 183-193.e7.	6.2	13
17	CRISPR/Cas9 ribonucleoprotein-mediated knockin generation in hTERT-RPE1 cells. <i>STAR Protocols</i> , 2021, 2, 100407.	1.2	12
18	Assessment of current mass spectrometric workflows for the quantification of low abundant proteins and phosphorylation sites. <i>Data in Brief</i> , 2015, 5, 297-304.	1.0	7

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19	The PIDDosome: centrosome guardian and backup on the DNA damage response. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1893625.	0.7	7
20	Stop competing, start talking!. <i>EMBO Journal</i> , 2014, 33, 1849-1851.	7.8	5
21	Beclin 1 is dispensable for chromosome congression and proper outer kinetochore assembly. <i>EMBO Reports</i> , 2015, 16, 1233-1236.	4.5	5
22	Bim vanishes in the light of a mitotic Aurora. <i>Cell Death and Differentiation</i> , 2013, 20, 1597-1598.	11.2	2
23	Fiat Lux: illuminating the cell cycle. <i>Cell Death Discovery</i> , 2017, 3, 17042.	4.7	2
24	Cycling to death, in the Tyrolean Alps. <i>Cell Death and Differentiation</i> , 2013, 20, 1279-1280.	11.2	0