

# Francesca Vallese

## List of Publications by Year in descending order

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17  
papers

756  
citations

687363

13  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1272  
citing authors

#	ARTICLE	IF	CITATIONS
1	SPLICS: a split green fluorescent protein-based contact site sensor for narrow and wide heterotypic organelle juxtaposition. <i>Cell Death and Differentiation</i> , 2018, 25, 1131-1145.	11.2	174
2	A MICU1 Splice Variant Confers High Sensitivity to the Mitochondrial Ca <sup>2+</sup> Uptake Machinery of Skeletal Muscle. <i>Molecular Cell</i> , 2016, 64, 760-773.	9.7	97
3	Tau localises within mitochondrial sub-compartments and its caspase cleavage affects ER-mitochondria interactions and cellular Ca <sup>2+</sup> handling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3247-3256.	3.8	88
4	Impaired Mitochondrial ATP Production Downregulates Wnt Signaling via ER Stress Induction. <i>Cell Reports</i> , 2019, 28, 1949-1960.e6.	6.4	56
5	A High-Throughput Screening Identifies MICU1 Targeting Compounds. <i>Cell Reports</i> , 2020, 30, 2321-2331.e6.	6.4	54
6	An expanded palette of improved SPLICS reporters detects multiple organelle contacts in vitro and in vivo. <i>Nature Communications</i> , 2020, 11, 6069.	12.8	43
7	The [4Fe-4S]-cluster coordination of [FeFe]-hydrogenase maturation protein HydF as revealed by EPR and HYSCORE spectroscopies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 2149-2157.	1.0	38
8	splitGFP Technology Reveals Dose-Dependent ER-Mitochondria Interface Modulation by $\alpha$ -Synuclein A53T and A30P Mutants. <i>Cells</i> , 2019, 8, 1072.	4.1	34
9	Biochemical Analysis of the Interactions between the Proteins Involved in the [FeFe]-Hydrogenase Maturation Process. <i>Journal of Biological Chemistry</i> , 2012, 287, 36544-36555.	3.4	33
10	Crystal Structure of HydF Scaffold Protein Provides Insights into [FeFe]-Hydrogenase Maturation. <i>Journal of Biological Chemistry</i> , 2011, 286, 43944-43950.	3.4	32
11	ER-Mitochondria Calcium Transfer, Organelle Contacts and Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 719-746.	1.6	29
12	The lipoprotein HP1454 of <i>Helicobacter pylori</i> regulates T <sub>H</sub> 1 cell response by shaping T <sub>H</sub> 1 cell receptor signalling. <i>Cellular Microbiology</i> , 2019, 21, e13006.	2.1	27
13	<i>Helicobacter pylori</i> antigenic Lpp20 is a structural homologue of Tip $\alpha$ and promotes epithelial-mesenchymal transition. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3263-3271.	2.4	19
14	Probing the Solvent Accessibility of the [4Fe-4S] Cluster of the Hydrogenase Maturation Protein HydF from <i>Thermotoga neapolitana</i> by HYSCORE and 3p-ESEEM. <i>Journal of Physical Chemistry B</i> , 2015, 119, 13680-13689.	2.6	10
15	Characterization of the [FeFe]-Hydrogenase Maturation Protein HydF by EPR Techniques: Insights into the Catalytic Mechanism. <i>Topics in Catalysis</i> , 2015, 58, 708-718.	2.8	10
16	The proton iron-sulfur cluster environment of the [FeFe]-hydrogenase maturation protein HydF from <i>Thermotoga neapolitana</i> . <i>International Journal of Hydrogen Energy</i> , 2014, 39, 18574-18582.	7.1	9
17	A conformational study of the GTPase domain of [FeFe]-hydrogenase maturation protein HydF by PELDOR spectroscopy. <i>Applied Magnetic Resonance</i> , 2015, 46, 465-479.	1.2	3