

# Sophie Burel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7447652/publications.pdf>

Version: 2024-02-01

9  
papers

346  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping of a N-terminal $\alpha$ -helix domain required for human PINK1 stabilization, Serine228 autophosphorylation and activation in cells. <i>Open Biology</i> , 2022, 12, 210264.	3.6	21
2	Proteomic and functional mapping of cardiac Nav1.5 channel phosphorylation sites. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	10
3	Fluorescent and tagged protoxin II peptides: potent markers of the Na v 1.7 channel pain target. <i>British Journal of Pharmacology</i> , 2021, 178, 2632-2650.	5.4	6
4	<i>RRAD</i> mutation causes electrical and cytoskeletal defects in cardiomyocytes derived from a familial case of Brugada syndrome. <i>European Heart Journal</i> , 2019, 40, 3081-3094.	2.2	48
5	Development of phospho-specific Rab protein antibodies to monitor <i>in vivo</i> activity of the LRRK2 Parkinson's disease kinase. <i>Biochemical Journal</i> , 2018, 475, 1-22.	3.7	123
6	Phosphorylation of Parkin at serine 65 is essential for its activation <i>in vivo</i> . <i>Open Biology</i> , 2018, 8, 180108.	3.6	81
7	C-terminal phosphorylation of Nav1.5 impairs FGF13-dependent regulation of channel inactivation. <i>Journal of Biological Chemistry</i> , 2017, 292, 17431-17448.	3.4	33
8	Dysfunction of the Voltage-Gated K <sup>+</sup> Channel $\beta$ 2 Subunit in a Familial Case of Brugada Syndrome. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	20
9	Phosphoproteomic Identification of CaMKII- and Heart Failure-Dependent Phosphorylation Sites on the Native Cardiac Nav1.5 Channel Protein. <i>Biophysical Journal</i> , 2014, 106, 37a.	0.5	2