

# Sophia L Samodelov

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

691  
citations

759233

12  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Protoplast-Based Bioassay to Quantify Strigolactone Activity in Arabidopsis Using StrigoQuant. <i>Methods in Molecular Biology</i> , 2021, 2309, 201-218.	0.9	5
2	The role of cholesterol recognition (CARC/CRAC) mirror codes in the allostereism of the human organic cation transporter 2 (OCT2, SLC22A2). <i>Biochemical Pharmacology</i> , 2021, 194, 114840.	4.4	4
3	Organic Cation Transporters in Human Physiology, Pharmacology, and Toxicology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7890.	4.1	42
4	Untargeted Metabolomics Reveals Anaerobic Glycolysis as a Novel Target of the Hepatotoxic Antidepressant Nefazodone. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 375, 239-246.	2.5	5
5	Flexibility of intrinsically disordered degrons in AUX/IAA proteins reinforces auxin co-receptor assemblies. <i>Nature Communications</i> , 2020, 11, 2277.	12.8	38
6	Obeticholic Acid Ameliorates Valproic Acid-Induced Hepatic Steatosis and Oxidative Stress. <i>Molecular Pharmacology</i> , 2020, 97, 314-323.	2.3	23
7	Renal Reabsorption of Folates: Pharmacological and Toxicological Snapshots. <i>Nutrients</i> , 2019, 11, 2353.	4.1	16
8	Molecular Mechanisms of Colistin-Induced Nephrotoxicity. <i>Molecules</i> , 2019, 24, 653.	3.8	84
9	Renal Glycosuria as a Novel Early Sign of Colistin-Induced Kidney Damage in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	5
10	Auxin methylation is required for differential growth in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6864-6869.	7.1	37
11	Variation in auxin sensing guides AUX/IAA transcriptional repressor ubiquitylation and destruction. <i>Nature Communications</i> , 2017, 8, 15706.	12.8	56
12	Quantitatively Understanding Plant Signaling: Novel Theoretical-Experimental Approaches. <i>Trends in Plant Science</i> , 2017, 22, 685-704.	8.8	11
13	StrigoQuant: A genetically encoded biosensor for quantifying strigolactone activity and specificity. <i>Science Advances</i> , 2016, 2, e1601266.	10.3	51
14	Unearthing the transition rates between photoreceptor conformers. <i>BMC Systems Biology</i> , 2016, 10, 110.	3.0	27
15	Optogenetics in Plants: Red/Far-Red Light Control of Gene Expression. <i>Methods in Molecular Biology</i> , 2016, 1408, 125-139.	0.9	27
16	Red Light-Regulated Reversible Nuclear Localization of Proteins in Mammalian Cells and Zebrafish. <i>ACS Synthetic Biology</i> , 2015, 4, 951-958.	3.8	105
17	AQUA Cloning: A Versatile and Simple Enzyme-Free Cloning Approach. <i>PLoS ONE</i> , 2015, 10, e0137652.	2.5	153