

# Maria V Yelshanskaya

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,277  
citations

687363

13  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of the epithelial calcium channel TRPV6. <i>Nature</i> , 2016, 534, 506-511.	27.8	220
2	Opening of the human epithelial calcium channel TRPV6. <i>Nature</i> , 2018, 553, 233-237.	27.8	186
3	Channel opening and gating mechanism in AMPA-subtype glutamate receptors. <i>Nature</i> , 2017, 549, 60-65.	27.8	183
4	Elucidation of AMPA receptor- $\sigma$ -stargazin complexes by cryo-electron microscopy. <i>Science</i> , 2016, 353, 83-86.	12.6	112
5	Structural Bases of Noncompetitive Inhibition of AMPA-Subtype Ionotropic Glutamate Receptors by Antiepileptic Drugs. <i>Neuron</i> , 2016, 91, 1305-1315.	8.1	103
6	Structure of an agonist-bound ionotropic glutamate receptor. <i>Science</i> , 2014, 345, 1070-1074.	12.6	96
7	Structural Bases of Desensitization in AMPA Receptor-Auxiliary Subunit Complexes. <i>Neuron</i> , 2017, 94, 569-580.e5.	8.1	89
8	Mechanisms of Channel Block in Calcium-Permeable AMPA Receptors. <i>Neuron</i> , 2018, 99, 956-968.e4.	8.1	87
9	Structure of the Arabidopsis thaliana glutamate receptor-like channel GLR3.4. <i>Molecular Cell</i> , 2021, 81, 3216-3226.e8.	9.7	39
10	Role of the Ion Channel Extracellular Collar in AMPA Receptor Gating. <i>Scientific Reports</i> , 2017, 7, 1050.	3.3	33
11	Opening of glutamate receptor channel to subconductance levels. <i>Nature</i> , 2022, 605, 172-178.	27.8	30
12	Structure and function of the calcium-selective TRP channel TRPV6. <i>Journal of Physiology</i> , 2021, 599, 2673-2697.	2.9	29
13	Structural and functional insights into transmembrane AMPA receptor regulatory protein complexes. <i>Journal of General Physiology</i> , 2019, 151, 1347-1356.	1.9	19
14	GEM-IL: A highly responsive fluorescent lactate indicator. <i>Cell Reports Methods</i> , 2021, 1, 100092.	2.9	17
15	Structure and desensitization of AMPA receptor complexes with type II TARP $\beta$ 5 and GSG1L. <i>Molecular Cell</i> , 2021, 81, 4771-4783.e7.	9.7	17
16	Structural basis of AMPA receptor inhibition by <i>trans</i> -4-butylcyclohexane carboxylic acid. <i>British Journal of Pharmacology</i> , 2022, 179, 3628-3644.	5.4	14
17	Channel opening and gating mechanism in AMPA-subtype glutamate receptors. <i>journal of hand surgery Asian-Pacific volume</i> , The, 2018, , 542-558.	0.4	3
18	Purification and cryo-EM structure determination of Arabidopsis thaliana GLR3.4. <i>STAR Protocols</i> , 2021, 2, 100855.	1.2	0