

# Paul Mueller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10578335/publications.pdf>

Version: 2024-02-01

16  
papers

3,090  
citations

623734

14  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of Cell Membrane Structure in vitro and its Transformation into an Excitable System. Nature, 1962, 194, 979-980.	27.8	1,321
2	Action Potentials induced in Biomolecular Lipid Membranes. Nature, 1968, 217, 713-719.	27.8	524
3	A molecular model of membrane excitability. Journal of Supramolecular Structure, 1974, 2, 538-557.	2.3	361
4	Translocators in Biomolecular Lipid Membranes: Their Role in Dissipative and Conservative Bioenergy Transductions. Current Topics in Bioenergetics, 1969, 3, 157-249.	2.7	160
5	Resting and action potentials in experimental bimolecular lipid membranes. Journal of Theoretical Biology, 1968, 18, 222-258.	1.7	157
6	Induced excitability in reconstituted cell membrane structure. Journal of Theoretical Biology, 1963, 4, 268-280.	1.7	143
7	Formation and Properties of Biomolecular Lipid Membranes. Recent Progress in Surface Science, 1964, 1, 379-393.	1.6	80
8	Mechanism of rapid elimination of lysophosphatidic acid and related lipids from the circulation of mice. Journal of Lipid Research, 2013, 54, 2775-2784.	4.2	65
9	MEMBRANE EXCITATION THROUGH VOLTAGE-INDUCED AGGREGATION OF CHANNEL PRECURSORSfn1. Annals of the New York Academy of Sciences, 1975, 264, 247-264.	3.8	62
10	PROLONGED ACTION POTENTIALS FROM SINGLE NODES OF RANVIER. Journal of General Physiology, 1958, 42, 137-162.	1.9	60
11	Arguing the Case for the Autotaxinâ€“Lysophosphatidic Acidâ€“Lipid Phosphate Phosphatase 3-Signaling Nexus in the Development and Complications of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 479-486.	2.4	58
12	Lipid Phosphate Phosphatase 3 Negatively Regulates Smooth Muscle Cell Phenotypic Modulation to Limit Intimal Hyperplasia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 52-59.	2.4	46
13	EFFECTS OF EXTERNAL CURRENTS ON DURATION AND AMPLITUDE OF NORMAL AND PROLONGED ACTION POTENTIALS FROM SINGLE NODES OF RANVIER. Journal of General Physiology, 1958, 42, 163-191.	1.9	25
14	Lysophospholipid mediators in the vasculature. Experimental Cell Research, 2015, 333, 190-194.	2.6	16
15	ON THE KINETICS OF POTENTIAL, ELECTROMOTANCE, AND CHEMICAL CHANGE IN THE EXCITABLE SYSTEM OF NERVE. Journal of General Physiology, 1958, 42, 193-229.	1.9	12
16	Membranes, channels and gates. Brain Research Bulletin, 1979, 4, 176-178.	3.0	0