

# Yoni Haitin

## List of Publications by Year in descending order

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33  
papers

1,176  
citations

471477

17  
h-index

414395

32  
g-index

38  
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38  
docs citations

38  
times ranked

1523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for long-chain isoprenoid synthesis by <i>cis</i> -prenyltransferases. <i>Science Advances</i> , 2022, 8, eabn1171.	10.3	3
2	Membrane Interaction of Human CLIC5 is Facilitated by Dioxidation of a Conserved Cysteine and Drives Membrane Fusion. <i>Biophysical Journal</i> , 2021, 120, 291a.	0.5	0
3	Two de novo GluN2B mutations affect multiple NMDAR-functions and instigate severe pediatric encephalopathy. <i>ELife</i> , 2021, 10, .	6.0	14
4	Conserved cysteine dioxidation enhances membrane interaction of human Cl <sup>ω</sup> intracellular channel 5. <i>FASEB Journal</i> , 2020, 34, 9925-9940.	0.5	4
5	Structural basis of heterotetrameric assembly and disease mutations in the human <i>cis</i> -prenyltransferase complex. <i>Nature Communications</i> , 2020, 11, 5273.	12.8	23
6	Structure of KCNH2 cyclic nucleotide-binding homology domain reveals a functionally vital salt-bridge. <i>Journal of General Physiology</i> , 2020, 152, .	1.9	7
7	Metal Coordination Is Crucial for Geranylgeranyl Diphosphate Synthase's Bisphosphonate Interactions: A Crystallographic and Computational Analysis. <i>Molecular Pharmacology</i> , 2019, 96, 580-588.	2.3	5
8	Structural Characterization of Full-Length Human Dehydrodolichyl Diphosphate Synthase Using an Integrative Computational and Experimental Approach. <i>Biomolecules</i> , 2019, 9, 660.	4.0	10
9	Inactivation gating of Kv7.1 channels does not involve concerted cooperative subunit interactions. <i>Channels</i> , 2018, 12, 89-99.	2.8	4
10	<i>Trans</i> -binding of UFM1 to UBA5 stimulates UBA5 homodimerization and ATP binding. <i>FASEB Journal</i> , 2018, 32, 2794-2802.	0.5	16
11	Reduced Activity of Geranylgeranyl Diphosphate Synthase Mutant Is Involved in Bisphosphonate-Induced Atypical Fractures. <i>Molecular Pharmacology</i> , 2018, 94, 1391-1400.	2.3	10
12	Inherent flexibility of CLIC6 revealed by crystallographic and solution studies. <i>Scientific Reports</i> , 2018, 8, 6882.	3.3	18
13	Competition of calcified calmodulin N lobe and PIP <sub>2</sub> to an LQT mutation site in Kv7.1 channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E869-E878.	7.1	46
14	Purification and characterization of human dehydrodolichyl diphosphate synthase (DHDDS) overexpressed in <i>E. coli</i> . <i>Protein Expression and Purification</i> , 2017, 132, 138-142.	1.3	12
15	CryoEM structure of a prokaryotic cyclic nucleotide-gated ion channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4430-4435.	7.1	51
16	The Crystal Structure and Conformations of an Unbranched Mixed Tri-Ubiquitin Chain Containing K48 and K63 Linkages. <i>Journal of Molecular Biology</i> , 2017, 429, 3801-3813.	4.2	3
17	Ca <sup>2+</sup> -Calmodulin and PIP <sub>2</sub> interactions at the proximal C-terminus of Kv7 channels. <i>Channels</i> , 2017, 11, 686-695.	2.8	28
18	Structure-based dynamic arrays in regulatory domains of sodium-calcium exchanger (NCX) isoforms. <i>Scientific Reports</i> , 2017, 7, 993.	3.3	21

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19	Overexpression and Purification of Human <i>Cis</i>-prenyltransferase in <i>Escherichia coli</i>. Journal of Visualized Experiments, 2017, , .	0.3	7
20	Long QT mutations disrupt <i>IKS</i> regulation by PKA and PIP2 at the same KCNQ1 helix C-KCNE1 interface. Journal of Cell Science, 2014, 127, 3943-55.	2.0	38
21	A 'funny' cyclic dinucleotide receptor. Nature Chemical Biology, 2014, 10, 413-414.	8.0	1
22	Recent molecular insights from mutated IKS channels in cardiac arrhythmia. Current Opinion in Pharmacology, 2014, 15, 74-82.	3.5	30
23	The structural mechanism of KCNH-channel regulation by the eag domain. Nature, 2013, 501, 444-448.	27.8	100
24	The Distal Kcne1 C-Terminus is Crucial for Yotiao Mediated Pka-Dependent Phosphorylation of KCNQ1. Biophysical Journal, 2013, 104, 210a.	0.5	1
25	KCNQ1 Channels Do Not Undergo Concerted but Sequential Gating Transitions in Both the Absence and the Presence of KCNE1 Protein. Journal of Biological Chemistry, 2012, 287, 34212-34224.	3.4	28
26	Molecular mechanism for 3:1 subunit stoichiometry of rod cyclic nucleotide-gated ion channels. Nature Communications, 2011, 2, 457.	12.8	84
27	Targeting the voltage sensor of Kv7.2 voltage-gated K <sup>+</sup> channels with a new gating-modifier. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15637-15642.	7.1	81
28	Intracellular domains interactions and gated motions of IKS potassium channel subunits. EMBO Journal, 2009, 28, 1994-2005.	7.8	45
29	The C-terminus of Kv7 channels: a multifunctional module. Journal of Physiology, 2008, 586, 1803-1810.	2.9	122
30	The KCNQ1 (Kv7.1) COOH Terminus, a Multitiered Scaffold for Subunit Assembly and Protein Interaction. Journal of Biological Chemistry, 2008, 283, 5815-5830.	3.4	123
31	KCNE1 Constrains the Voltage Sensor of Kv7.1 K <sup>+</sup> Channels. PLoS ONE, 2008, 3, e1943.	2.5	37
32	S1 Constrains S4 in the Voltage Sensor Domain of Kv7.1 K <sup>+</sup> Channels. PLoS ONE, 2008, 3, e1935.	2.5	21
33	Calmodulin Is Essential for Cardiac IKS Channel Gating and Assembly. Circulation Research, 2006, 98, 1055-1063.	4.5	182