

# John B Cowgill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6208945/publications.pdf>

Version: 2024-02-01

6  
papers

174  
citations

1478458

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h-index

1872665

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g-index

9  
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9  
docs citations

9  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of the human Kv3.1 channel reveals gating control by the cytoplasmic T1 domain. Nature Communications, 2022, 13, .	12.8	16
2	Mapping Electromechanical Coupling Pathways in Voltage-Gated Ion Channels: Challenges and the Way Forward. Journal of Molecular Biology, 2021, 433, 167104.	4.2	13
3	The contribution of voltage clamp fluorometry to the understanding of channel and transporter mechanisms. Journal of General Physiology, 2019, 151, 1163-1172.	1.9	24
4	Bipolar switching by HCN voltage sensor underlies hyperpolarization activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 670-678.	7.1	29
5	Helix breaking transition in the S4 of HCN channel is critical for hyperpolarization-dependent gating. ELife, 2019, 8, .	6.0	49
6	Structure and dynamics underlying elementary ligand binding events in human pacemaking channels. ELife, 2016, 5, .	6.0	42