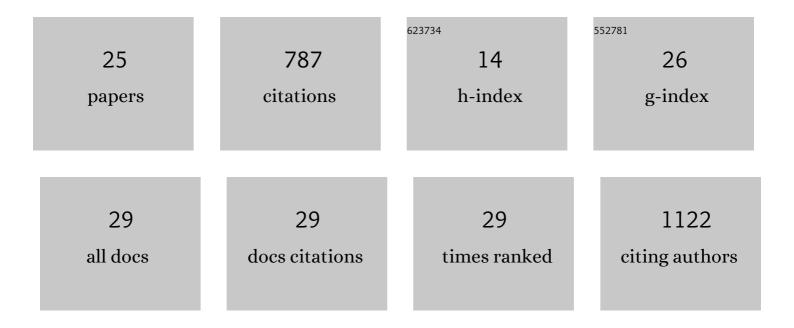
Michael Fine

List of Publications by Year in descending order

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MICHAEL FINE

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Insights into the Irritating Mechanisms of TRPA1 Revealed by Cryo-EM. Neuron, 2021, 109, 194-196. | 8.1 | 1 |
| 2 | Atomic insights into ML-SI3 mediated human TRPML1 inhibition. Structure, 2021, 29, 1295-1302.e3. | 3.3 | 14 |
| 3 | TMEM16F and dynamins control expansive plasma membrane reservoirs. Nature Communications, 2021, 12, 4990. | 12.8 | 9 |
| 4 | On the existence of endocytosis driven by membrane phase separations. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183007. | 2.6 | 25 |
| 5 | Structural insights into group II TRP channels. Cell Calcium, 2020, 86, 102107. | 2.4 | 13 |
| 6 | TRP Channel: The structural era. Cell Calcium, 2020, 87, 102191. | 2.4 | 4 |
| 7 | Hypertrophy of human embryonic stem cell–derived cardiomyocytes supported by positive feedback between Ca2+ and diacylglycerol signals. Pflugers Archiv European Journal of Physiology, 2019, 471, 1143-1157. | 2.8 | 11 |
| 8 | TMEM16F activation by Ca2+ triggers plasma membrane expansion and directs PD-1 trafficking. Scientific Reports, 2019, 9, 619. | 3.3 | 35 |
| 9 | The regulatory mechanism of mammalian TRPML s revealed by cryo―EM. FEBS Journal, 2018, 285, 2579-2585. | 4.7 | 7 |
| 10 | Lipid signaling to membrane proteins: From second messengers to membrane domains and adapter-free endocytosis. Journal of General Physiology, 2018, 150, 211-224. | 1.9 | 49 |
| 11 | Structural basis for PtdInsP2-mediated human TRPML1 regulation. Nature Communications, 2018, 9, 4192. | 12.8 | 67 |
| 12 | Human TRPML1 channel structures in open and closed conformations. Nature, 2017, 550, 366-370. | 27.8 | 109 |
| 13 | Measurement of Rapid Amiloride-Dependent pH Changes at the Cell Surface Using a Proton-Sensitive Field-Effect Transistor. Biosensors, 2016, 6, 11. | 4.7 | 19 |
| 14 | Conservation of the oligomeric state of native VDAC1 in detergent micelles. Biochimie, 2016, 127, 163-172. | 2.6 | 3 |
| 15 | Optimization of TRPV6 Calcium Channel Inhibitors Using a 3D Ligandâ€Based Virtual Screening Method. Angewandte Chemie - International Edition, 2015, 54, 14748-14752. | 13.8 | 40 |
| 16 | Rapid Method to Express and Purify Human Membrane Protein Using the Xenopus Oocyte System for Functional and Low-Resolution Structural Analysis. Methods in Enzymology, 2015, 556, 241-265. | 1.0 | 7 |
| 17 | Expression, purification, and projection structure by single particle electron microscopy of functional human TRPM4 heterologously expressed in Xenopus laevis oocytes. Protein Expression and Purification, 2014, 95, 169-176. | 1.3 | 7 |
| 18 | Expression, Purification, and Structural Insights for the Human Uric Acid Transporter, GLUT9, Using the Xenopus laevis Oocytes System. PLoS ONE, 2014, 9, e108852. | 2.5 | 34 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Human-induced pluripotent stem cell-derived cardiomyocytes for studies of cardiac ion transporters. American Journal of Physiology - Cell Physiology, 2013, 305, C481-C491. | 4.6 | 34 |
| 20 | Toward an Understanding of the Complete NCX1 Lifetime in the Cardiac Sarcolemma. Advances in Experimental Medicine and Biology, 2013, 961, 345-352. | 1.6 | 2 |
| 21 | Massive endocytosis triggered by surface membrane palmitoylation under mitochondrial control in BHK fibroblasts. ELife, 2013, 2, e01293. | 6.0 | 65 |
| 22 | Massive palmitoylation-dependent endocytosis during reoxygenation of anoxic cardiac muscle. ELife, 2013, 2, e01295. | 6.0 | 66 |
| 23 | Mechanistic analysis of massive endocytosis in relation to functionally defined surface membrane domains. Journal of General Physiology, 2011, 137, 155-172. | 1.9 | 37 |
| 24 | Massive calcium–activated endocytosis without involvement of classical endocytic proteins. Journal of General Physiology, 2011, 137, 111-132. | 1.9 | 90 |
| 25 | Massive endocytosis driven by lipidic forces originating in the outer plasmalemmal monolayer: a new approach to membrane recycling and lipid domains. Journal of General Physiology, 2011, 137, 137-154. | 1.9 | 38 |