

George Shapovalov

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,071
citations

430874

18
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

1722
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | TRPC3 shapes the ER-mitochondria Ca ²⁺ transfer characterizing tumour-promoting senescence. <i>Nature Communications</i> , 2022, 13, 956. | 12.8 | 29 |
| 2 | Store operated calcium channels in cancer progression. <i>International Review of Cell and Molecular Biology</i> , 2021, 363, 123-168. | 3.2 | 9 |
| 3 | 4TM-TRPM8 channels are new gatekeepers of the ER-mitochondria Ca ²⁺ transfer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 981-994. | 4.1 | 29 |
| 4 | Organelle membrane derived patches: reshaping classical methods for new targets. <i>Scientific Reports</i> , 2017, 7, 14082. | 3.3 | 16 |
| 5 | Metabolic Disorders and Cancer: Store-Operated Ca ²⁺ Entry in Cancer: Focus on IP3R-Mediated Ca ²⁺ Release from Intracellular Stores and Its Role in Migration and Invasion. <i>Advances in Experimental Medicine and Biology</i> , 2017, 993, 623-637. | 1.6 | 9 |
| 6 | Role of TRP ion channels in cancer and tumorigenesis. <i>Seminars in Immunopathology</i> , 2016, 38, 357-369. | 6.1 | 123 |
| 7 | The trans-membrane domain of Bcl-2 [±] , but not its hydrophobic cleft, is a critical determinant for efficient IP3 receptor inhibition. <i>Oncotarget</i> , 2016, 7, 55704-55720. | 1.8 | 34 |
| 8 | TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of Cell Biology</i> , 2015, 208, 89-107. | 5.2 | 79 |
| 9 | Epidermal TRPM8 channel isoform controls the balance between keratinocyte proliferation and differentiation in a cold-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3345-54. | 7.1 | 74 |
| 10 | Functional and physiopathological implications of TRP channels. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1772-1782. | 4.1 | 81 |
| 11 | TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of General Physiology</i> , 2015, 145, 1452OIA1. | 1.9 | 0 |
| 12 | TRP Channels in Prostate Cancer. , 2014, , 533-547. | | 0 |
| 13 | Opiates Modulate Thermosensation by Internalizing Cold Receptor TRPM8. <i>Cell Reports</i> , 2013, 4, 504-515. | 6.4 | 37 |
| 14 | Complex modulation of the cold receptor TRPM8 by volatile anaesthetics and its role in complications of general anaesthesia. <i>Journal of Cell Science</i> , 2013, 126, 4479-4489. | 2.0 | 14 |
| 15 | Calcium Channels and Prostate Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 8, 18-26. | 1.6 | 34 |
| 16 | Calcium Channels and Prostate Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2012, 8, 18-26. | 1.6 | 20 |
| 17 | TRP channels in cell survival and cell death in normal and transformed cells. <i>Cell Calcium</i> , 2011, 50, 295-302. | 2.4 | 66 |
| 18 | Ion channels and transporters in cancer. 5. Ion channels in control of cancer and cell apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1281-C1289. | 4.6 | 71 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Phospholipase A2-derived lysophosphatidylcholine triggers Ca ²⁺ entry in dystrophic skeletal muscle fibers. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 401-406. | 2.1 | 20 |
| 20 | Nav1.4 Deregulation in Dystrophic Skeletal Muscle Leads to Na ⁺ Overload and Enhanced Cell Death. <i>Journal of General Physiology</i> , 2008, 132, 199-208. | 1.9 | 58 |
| 21 | Nav ^v 1.4 Deregulation in Dystrophic Skeletal Muscle Leads to Na ⁺ Overload and Enhanced Cell Death. <i>Journal of Cell Biology</i> , 2008, 182, i8-i8. | 5.2 | 1 |
| 22 | Total chemical synthesis and electrophysiological characterization of mechanosensitive channels from <i>Escherichia coli</i> and <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4764-4769. | 7.1 | 72 |
| 23 | Gating Transitions in Bacterial Ion Channels Measured at 3 $\hat{1}$ / ₄ s Resolution. <i>Journal of General Physiology</i> , 2004, 124, 151-161. | 1.9 | 71 |
| 24 | On-Resin Assembly of a Linkerless Lanthanide(III)-Based Luminescence Label and Its Application to the Total Synthesis of Site-Specifically Labeled Mechanosensitive Channels. <i>Bioconjugate Chemistry</i> , 2004, 15, 1118-1124. | 3.6 | 24 |
| 25 | Open-State Disulfide Crosslinking between <i>Mycobacterium tuberculosis</i> Mechanosensitive Channel Subunits. <i>Biophysical Journal</i> , 2003, 84, 2357-2365. | 0.5 | 22 |
| 26 | Tyrosine Decaging Leads to Substantial Membrane Trafficking during Modulation of an Inward Rectifier Potassium Channel. <i>Journal of General Physiology</i> , 2001, 117, 103-118. | 1.9 | 74 |
| 27 | Allosteric <i><i>Cross-Talk</i></i> between the Hydrophobic Cleft and the BH4 Domain of Bcl-2 in Control of IP3R Activity. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 28 | Allosteric cross-talk between the hydrophobic cleft and the BH4 domain of Bcl-2 in control of inositol 1,4,5-trisphosphate receptor activity. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 375-391. | 0.8 | 1 |