

# Pramod Sukumaran

## List of Publications by Year in descending order

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29  
papers

1,025  
citations

489802

18  
h-index

620720

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1780  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Resveratrol activates autophagic cell death in prostate cancer cells via downregulation of STIM1 and the mTOR pathway. <i>Molecular Carcinogenesis</i> , 2016, 55, 818-831.  | 1.3 | 136       |
| 2  | Cholesterol-induced activation of TRPM7 regulates cell proliferation, migration, and viability of human prostate cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1839-1850.                            | 1.9 | 74        |
| 3  | TRPM2 Promotes Neurotoxin MPP+/MPTP-Induced Cell Death. <i>Molecular Neurobiology</i> , 2018, 55, 409-420.   | 1.9 | 72        |
| 4  | Calcium Signaling Regulates Autophagy and Apoptosis. <i>Cells</i> , 2021, 10, 2125.  | 1.8 | 70        |
| 5  | Inhibition of L-Type Ca <sup>2+</sup> Channels by TRPC1-STIM1 Complex Is Essential for the Protection of Dopaminergic Neurons. <i>Journal of Neuroscience</i> , 2017, 37, 3364-3377.   | 1.7 | 69        |
| 6  | Expression and significance of HERG (KCNH2) potassium channels in the regulation of MDA-MB-435S melanoma cell proliferation and migration. <i>Cellular Signalling</i> , 2010, 22, 57-64.   | 1.7 | 62        |
| 7  | TRPM7 and its role in neurodegenerative diseases. <i>Channels</i> , 2015, 9, 253-261.  | 1.5 | 57        |
| 8  | M1 Macrophage Polarization Is Dependent on TRPC1-Mediated Calcium Entry. <i>IScience</i> , 2018, 8, 85-102.  | 1.9 | 50        |
| 9  | Functional role of TRP channels in modulating ER stress and Autophagy. <i>Cell Calcium</i> , 2016, 60, 123-132.  | 1.1 | 49        |
| 10 | Transient Receptor Potential Canonical 1 (TRPC1) Channels as Regulators of Sphingolipid and VEGF Receptor Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 16116-16131.   | 1.6 | 47        |
| 11 | TGF $\beta$ -induced epithelial-to-mesenchymal transition in prostate cancer cells is mediated via TRPM7 expression. <i>Molecular Carcinogenesis</i> , 2018, 57, 752-761.  | 1.3 | 42        |
| 12 | TRPC1-STIM1 activation modulates transforming growth factor $\beta$ -induced epithelial-to-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 80554-80567.   | 0.8 | 40        |
| 13 | Physiological Function and Characterization of TRPCs in Neurons. <i>Cells</i> , 2014, 3, 455-475.  | 1.8 | 29        |
| 14 | The TRPC1 Ca <sup>2+</sup> -permeable channel inhibits exercise-induced protection against high-fat diet-induced obesity and type II diabetes. <i>Journal of Biological Chemistry</i> , 2017, 292, 20799-20807.                            | 1.6 | 29        |
| 15 | Dopaminergic neurotoxins induce cell death by attenuating NF $\kappa$ B-mediated regulation of TRPC1 expression and autophagy. <i>FASEB Journal</i> , 2018, 32, 1640-1652.   | 0.2 | 29        |
| 16 | Functional coupling of TRPC2 cation channels and the calcium-activated anion channels in rat thyroid cells: Implications for iodide homeostasis. <i>Journal of Cellular Physiology</i> , 2013, 228, 814-823.                               | 2.0 | 27        |
| 17 | Significance of the transient receptor potential canonical 2 (TRPC2) channel in the regulation of rat thyroid FRTL-5 cell proliferation, migration, adhesion and invasion. <i>Molecular and Cellular Endocrinology</i> , 2013, 374, 10-21. | 1.6 | 20        |
| 18 | Magnesium-Induced Cell Survival Is Dependent on TRPM7 Expression and Function. <i>Molecular Neurobiology</i> , 2020, 57, 528-538.  | 1.9 | 20        |

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|----|--|-----|-----------|
| 19 | Canonical Transient Receptor Potential Channel 2 (TRPC2) as a Major Regulator of Calcium Homeostasis in Rat Thyroid FRTL-5 Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 44345-44360.   | 1.6 | 19        |
| 20 | TRPC Channels and Parkinson's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 976, 85-94.  | 0.8 | 18        |
| 21 | Communication Between the Calcium and cAMP Pathways Regulate the Expression of the TSH Receptor: TRPC2 in the Center of Action. <i>Molecular Endocrinology</i> , 2012, 26, 2046-2057.                | 3.7 | 17        |
| 22 | TRPC1 expression and function inhibit ER stress and cell death in salivary gland cells. <i>FASEB BioAdvances</i> , 2019, 1, 40-50.   | 1.3 | 14        |
| 23 | Ca <sup>2+</sup> entry via TRPC1 is essential for cellular differentiation and modulates secretion via the SNARE complex. <i>Journal of Cell Science</i> , 2019, 132, .                              | 1.2 | 10        |
| 24 | Use of #SaludTues Tweetchats for the Dissemination of Culturally Relevant Information on Latino Health Equity: Exploratory Case Study. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e21266. | 1.2 | 8         |
| 25 | Complexation of C6-Ceramide with Cholesteryl Phosphocholine – A Potent Solvent-Free Ceramide Delivery Formulation for Cells in Culture. <i>PLoS ONE</i> , 2013, 8, e61290.                           | 1.1 | 6         |
| 26 | Reaching Latinos Through Social Media and SMS for Smoking Cessation. , 2020, , 187-196.  |     | 6         |
| 27 | Sigma1 Receptor Inhibits TRPC1-Mediated Ca <sup>2+</sup> Entry That Promotes Dopaminergic Cell Death. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1245-1255.                              | 1.7 | 5         |
| 28 | Using Tweetchats to Build Community Awareness and Advocacy around Alzheimer's Disease for Latinos. <i>Journal of Health Communication</i> , 2021, 26, 281-288.                                       | 1.2 | 0         |
| 29 | Direct Outreach in Bars and Clubs to Enroll Cigarette Smokers in Mobile Cessation Services: Exploratory Study. <i>JMIR Formative Research</i> , 2022, 6, e28059.                                     | 0.7 | 0         |