# Stuart John Bevan

List of Publications by Year
in descending order



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|---|---|---|---|
| 86 papers | 13,870 citations | 28274 55 h-index | 56724 83 g-index |
| 89 all docs | 89 docs citations | 89 times ranked | 9794 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Research Recommendations Following the Discovery of Pain Sensitizing IgG Autoantibodies in Fibromyalgia Syndrome. Pain Medicine, 2022, 23, 1084-1094. | 1.9 | 4 |
| 2 | Sulfated Progesterone Metabolites That Enhance Insulin Secretion via TRPM3 Are Reduced in Serum From Women With Gestational Diabetes Mellitus. Diabetes, 2022, 71, 837-852. | 0.6 | 3 |
| 3 | Passive transfer of fibromyalgia symptoms from patients to mice. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 106 |
| 4 | The KINGS <i>Ins2</i>+/G32S Mouse: A Novel Model of Î²-Cell Endoplasmic Reticulum Stress and Human Diabetes. Diabetes, 2020, 69, 2667-2677. | 0.6 | 16 |
| 5 | Promiscuous G-Protein-Coupled Receptor Inhibition of Transient Receptor Potential Melastatin 3 Ion Channels by GÎ²Î³ Subunits. Journal of Neuroscience, 2019, 39, 7840-7852. | 3.6 | 32 |
| 6 | Disruption of the Sensory System Affects Sterile Cutaneous Inflammation InÂVivo. Journal of Investigative Dermatology, 2019, 139, 1936-1945.e3. | 0.7 | 12 |
| 7 | Autoantibodies produce pain in complex regional pain syndrome by sensitizing nociceptors. Pain, 2019, 160, 2855-2865. | 4.2 | 41 |
| 8 | Impaired Nociception in the Diabetic <i>Ins2+/Akita</i> Mouse. Diabetes, 2018, 67, 1650-1662. | 0.6 | 13 |
| 9 | Structureâ€"Pungency Relationships and TRP Channel Activation of Drimane Sesquiterpenes in Tasmanian Pepper (<i>Tasmannia lanceolata</i>). Journal of Agricultural and Food Chemistry, 2017, 65, 5700-5712. | 5.2 | 20 |
| 10 | G protein Î²Î³ subunits inhibit TRPM3 ion channels in sensory neurons. ELife, 2017, 6, . | 6.0 | 76 |
| 11 | Nociceptive Sensitizers Are Regulated in Damaged Joint Tissues, Including Articular Cartilage, When Osteoarthritic Mice Display Pain Behavior. Arthritis and Rheumatology, 2016, 68, 857-867. | 5.6 | 73 |
| 12 | TRPA1 activation leads to neurogenic vasodilatation: involvement of reactive oxygen nitrogen species in addition to CGRP and NO. British Journal of Pharmacology, 2016, 173, 2419-2433. | 5.4 | 67 |
| 13 | Environmental cold exposure increases blood flow and affects pain sensitivity in the knee joints of CFA-induced arthritic mice in a TRPA1-dependent manner. Arthritis Research and Therapy, 2016, 18, 7. | 3.5 | 39 |
| 14 | Activation of transient receptor potential ankyrin 1 induces CGRP release from spinal cord synaptosomes. Pharmacology Research and Perspectives, 2015, 3, e00191. | 2.4 | 15 |
| 15 | TRPM8 is a neuronal osmosensor that regulates eye blinking in mice. Nature Communications, 2015, 6, 7150. | 12.8 | 111 |
| 16 | TRPA1 mediates the hypothermic action of acetaminophen. Scientific Reports, 2015, 5, 12771. | 3.3 | 37 |
| 17 | Streptozotocin Stimulates the Ion Channel TRPA1 Directly. Journal of Biological Chemistry, 2015, 290, 15185-15196. | 3.4 | 59 |
| 18 | Stimulation of GLP-1 Secretion Downstream of the Ligand-Gated Ion Channel TRPA1. Diabetes, 2015, 64, 1202-1210. | 0.6 | 50 |

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|---|---|---|---|
| 19 | Mechanisms Underlying the Scratching Behavior Induced by the Activation of Proteinase-Activated Receptor-4 in Mice. Journal of Investigative Dermatology, 2015, 135, 2484-2491. | 0.7 | 16 |
| 20 | TRPA1 is essential for the vascular response to environmental cold exposure. Nature Communications, 2014, 5, 5732. | 12.8 | 107 |
| 21 | Modifications of Gait as Predictors of Natural Osteoarthritis Progression in STR/Ort Mice. Arthritis and Rheumatology, 2014, 66, 1832-1842. | 5.6 | 25 |
| 22 | TRPV1. Handbook of Experimental Pharmacology, 2014, 222, 207-245. | 1.8 | 137 |
| 23 | Monocytes expressing CX3CR1 orchestrate the development of vincristine-induced pain. Journal of Clinical Investigation, 2014, 124, 2023-2036. | 8.2 | 140 |
| 24 | Superoxide generation and leukocyte accumulation: key elements in the mediation of leukotriene B<sub>4</sub>â€induced itch by transient receptor potential ankyrin 1 and transient receptor potential vanilloid 1. FASEB Journal, 2013, 27, 1664-1673. | 0.5 | 67 |
| 25 | Methylglyoxal Evokes Pain by Stimulating TRPA1. PLoS ONE, 2013, 8, e77986. | 2.5 | 109 |
| 26 | Monoacylglycerols Activate TRPV1 â€“ A Link between Phospholipase C and TRPV1. PLoS ONE, 2013, 8, e81618. | 2.5 | 125 |
| 27 | 7-<i>tert</i>-Butyl-6-(4-Chloro-Phenyl)-2-Thioxo-2,3-Dihydro-1<i>H</i>-Pyrido[2,3-<i>d</i>]Pyrimidin-4-One, a Classic Polymodal Inhibitor of Transient Receptor Potential Vanilloid Type 1 with a Reduced Liability for Hyperthermia, Is Analgesic and Ameliorates Visceral Hypersensitivity. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 389-398. | 2.5 | 38 |
| 28 | Partial medial meniscectomy produces osteoarthritis pain-related behaviour in female C57BL/6 mice. Pain, 2012, 153, 281-292. | 4.2 | 67 |
| 29 | TRPA1 Has a Key Role in the Somatic Pro-Nociceptive Actions of Hydrogen Sulfide. PLoS ONE, 2012, 7, e46917. | 2.5 | 57 |
| 30 | TRPA1 mediates spinal antinociception induced by acetaminophen and the cannabinoid Î”9-tetrahydrocannabiorcol. Nature Communications, 2011, 2, 551. | 12.8 | 236 |
| 31 | A distinct role for transient receptor potential ankyrin 1, in addition to transient receptor potential vanilloid 1, in tumor necrosis factor Î±-induced inflammatory hyperalgesia and Freund's complete adjuvant-induced monarthritis. Arthritis and Rheumatism, 2011, 63, 819-829. | 6.7 | 151 |
| 32 | 4-Oxo-2-nonenal (4-ONE): Evidence of Transient Receptor Potential Ankyrin 1-Dependent and -Independent Nociceptive and Vasoactive Responses In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 117-124. | 2.5 | 49 |
| 33 | The Roles of iPLA2, TRPM8 and TRPA1 in Chemically Induced Cold Hypersensitivity. Molecular Pain, 2010, 6, 1744-8069-6-4. | 2.1 | 107 |
| 34 | Evidence for the pathophysiological relevance of TRPA1 receptors in the cardiovascular system in vivo. Cardiovascular Research, 2010, 87, 760-768. | 3.8 | 114 |
| 35 | Clioquinol and pyrithione activate TRPA1 by increasing intracellular Zn <sup>2+</sup>. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8374-8379. | 7.1 | 130 |
| 36 | Distribution and Function of the Hydrogen Sulfideâ€“Sensitive TRPA1 Ion Channel in Rat Urinary Bladder. European Urology, 2008, 53, 391-400. | 1.9 | 263 |

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|---|---|---|---|
| 37 | Transient Receptor Potential A1 Is a Sensory Receptor for Multiple Products of Oxidative Stress. Journal of Neuroscience, 2008, 28, 2485-2494. | 3.6 | 625 |
| 38 | Inhibition of spinal microglial cathepsin S for the reversal of neuropathic pain. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10655-10660. | 7.1 | 410 |
| 39 | Modulation of the Cold-Activated Channel TRPM8 by Lysophospholipids and Polyunsaturated Fatty Acids. Journal of Neuroscience, 2007, 27, 3347-3355. | 3.6 | 158 |
| 40 | Role of the cysteine protease cathepsin S in neuropathic hyperalgesia. Pain, 2007, 130, 225-234. | 4.2 | 119 |
| 41 | Mediadores inflamatorios y moduladores del dolor. , 2007, , 49-72. | | 0 |
| 42 | Identification and Biological Characterization of 6-Aryl-7-isopropylquinazolinones as Novel TRPV1 Antagonists that Are Effective in Models of Chronic Pain. Journal of Medicinal Chemistry, 2006, 49, 471-474. | 6.4 | 61 |
| 43 | Chapter 7 TRP Channels as Thermosensors. Current Topics in Membranes, 2006, 57, 199-239. | 0.9 | 1 |
| 44 | Inflammatory mediators and modulators of pain. , 2006, , 49-72. | | 55 |
| 45 | Antihyperalgesic activity of a novel nonpeptide bradykinin B1 receptor antagonist in transgenic mice expressing the human B1 receptor. British Journal of Pharmacology, 2005, 144, 889-899. | 5.4 | 36 |
| 46 | Therapeutic potential of cannabinoid receptor agonists as analgesic agents. Expert Opinion on Investigational Drugs, 2005, 14, 695-703. | 4.1 | 58 |
| 47 | Regulation of calcitonin gene-related peptide and TRPV1 in a rat model of osteoarthritis. Neuroscience Letters, 2005, 388, 75-80. | 2.1 | 138 |
| 48 | Identification of Species-specific Determinants of the Action of the Antagonist Capsazepine and the Agonist PPAHV on TRPV1. Journal of Biological Chemistry, 2004, 279, 17165-17172. | 3.4 | 89 |
| 49 | Anandamide-Evoked Activation of Vanilloid Receptor 1 Contributes to the Development of Bladder Hyperreflexia and Nociceptive Transmission to Spinal Dorsal Horn Neurons in Cystitis. Journal of Neuroscience, 2004, 24, 11253-11263. | 3.6 | 182 |
| 50 | siRNA relieves chronic neuropathic pain. Nucleic Acids Research, 2004, 32, e49-e49. | 14.5 | 338 |
| 51 | TRPM8 Activation by Menthol, Icilin, and Cold Is Differentially Modulated by Intracellular pH. Journal of Neuroscience, 2004, 24, 5364-5369. | 3.6 | 198 |
| 52 | Anti-hyperalgesic activity of the cox-2 inhibitor lumiracoxib in a model of bone cancer pain in the rat. Pain, 2004, 107, 33-40. | 4.2 | 46 |
| 53 | Pain related behaviour in two models of osteoarthritis in the rat knee. Pain, 2004, 112, 83-93. | 4.2 | 356 |
| 54 | Vanilloid receptor 1 (VR1): an integrator of noxious and inflammatory stimuliâˆ—. Advances in Molecular and Cell Biology, 2004, 32, 331-350. | 0.1 | 0 |

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|---|---|---|---|
| 55 | THIS ARTICLE HAS BEEN RETRACTED Activation of capsaicinâ€•sensitive primary sensory neurones induces anandamide production and release. Journal of Neurochemistry, 2003, 84, 585-591. | 3.9 | 80 |
| 56 | Anandamide regulates neuropeptide release from capsaicin-sensitive primary sensory neurons by activating both the cannabinoidâ€ƒ1 receptor and the vanilloid receptorâ€ƒ1in vitro. European Journal of Neuroscience, 2003, 17, 2611-2618. | 2.6 | 168 |
| 57 | ANKTM1, a TRP-like Channel Expressed in Nociceptive Neurons, Is Activated by Cold Temperatures. Cell, 2003, 112, 819-829. | 28.9 | 2,180 |
| 58 | Comparative activity of the anti-convulsants oxcarbazepine, carbamazepine, lamotrigine and gabapentin in a model of neuropathic pain in the rat and guinea-pig. Pain, 2003, 105, 355-362. | 4.2 | 93 |
| 59 | Selective internalization of sodium channels in rat dorsal root ganglion neurons infected with herpes simplex virus-1. Journal of Cell Biology, 2002, 158, 1251-1262. | 5.2 | 33 |
| 60 | A Heat-Sensitive TRP Channel Expressed in Keratinocytes. Science, 2002, 296, 2046-2049. | 12.6 | 828 |
| 61 | A TRP Channel that Senses Cold Stimuli and Menthol. Cell, 2002, 108, 705-715. | 28.9 | 1,972 |
| 62 | Metabotropic Glutamate Receptor 5 Upregulation in A-Fibers after Spinal Nerve Injury: 2-Methyl-6-(Phenylethynyl)-Pyridine (MPEP) Reverses the Induced Thermal Hyperalgesia. Journal of Neuroscience, 2002, 22, 2660-2668. | 3.6 | 96 |
| 63 | Functional Downregulation of P2X<sub>3</sub>Receptor Subunit in Rat Sensory Neurons Reveals a Significant Role in Chronic Neuropathic and Inflammatory Pain. Journal of Neuroscience, 2002, 22, 8139-8147. | 3.6 | 242 |
| 64 | Modulation of sodium channels in primary afferent neurons. Novartis Foundation Symposium, 2002, 241, 144-53; discussion 153-8, 226-32. | 1.1 | 9 |
| 65 | Pharmacological differences between the human and rat vanilloid receptor 1 (VR1). British Journal of Pharmacology, 2001, 132, 1084-1094. | 5.4 | 176 |
| 66 | Capsaicin and pain mechanisms. , 1999, , 61-80. | | 2 |
| 67 | Capsaicin sensitivity is associated with the expression of the vanilloid (capsaicin) receptor (VR1) mRNA in adult rat sensory ganglia. Neuroscience Letters, 1998, 250, 177-180. | 2.1 | 180 |
| 68 | A Novel Small Conductance Ca2+-activated K+ Channel Blocker from Oxyuranus scutellatusTaipan Venom. Journal of Biological Chemistry, 1997, 272, 19925-19930. | 3.4 | 22 |
| 69 | Analogues of Capsaicin with Agonist Activity as Novel Analgesic Agents:Â Structureâˆ'Activity Studies. 4. Potent, Orally Active Analgesics. Journal of Medicinal Chemistry, 1996, 39, 4942-4951. | 6.4 | 56 |
| 70 | Similarities and Differences in the Structureâˆ'Activity Relationships of Capsaicin and Resiniferatoxin Analogues. Journal of Medicinal Chemistry, 1996, 39, 2939-2952. | 6.4 | 80 |
| 71 | Chapter 12. Signal transduction in nociceptive afferent neurons in inflammatory conditions. Progress in Brain Research, 1996, 113, 201-213. | 1.4 | 11 |
| 72 | The Discovery of Capsazepine, the First Competitive Antagonist of the Sensory Neuron Excitants Capsaicin and Resiniferatoxin. Journal of Medicinal Chemistry, 1994, 37, 1942-1954. | 6.4 | 201 |

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|---|---|---|---|
| 73 | Protons: small stimulants of capsaicin-sensitive sensory nerves. Trends in Neurosciences, 1994, 17, 509-512. | 8.6 | 285 |
| 74 | A comparison of capsazepine and ruthenium red as capsaicin antagonists in the rat isolated urinary bladder and vas deferens. British Journal of Pharmacology, 1993, 108, 801-805. | 5.4 | 73 |
| 75 | Effect of capsazepine on the release of calcitonin geneâ€related peptideâ€like immunoreactivity (CGRPâ€LI) induced by low pH, capsaicin and potassium in rat soleus muscle. British Journal of Pharmacology, 1993, 110, 609-612. | 5.4 | 44 |
| 76 | Analogs of capsaicin with agonist activity as novel analgesic agents; structure-activity studies. 3. The hydrophobic side-chain "C-region". Journal of Medicinal Chemistry, 1993, 36, 2381-2389. | 6.4 | 107 |
| 77 | Analogs of capsaicin with agonist activity as novel analgesic agents; structure-activity studies. 2. The amide bond "B-region". Journal of Medicinal Chemistry, 1993, 36, 2373-2380. | 6.4 | 112 |
| 78 | Analogs of capsaicin with agonist activity as novel analgesic agents; structure-activity studies. 1. The aromatic "A-region". Journal of Medicinal Chemistry, 1993, 36, 2362-2372. | 6.4 | 148 |
| 79 | Expression of Functional Bradykinin Receptors in Xenopus Oocytes. Journal of Neurochemistry, 1992, 58, 243-249. | 3.9 | 16 |
| 80 | Properties of 5â€hydroxytryptamine<sub>3</sub> receptorâ€gated currents in adult rat dorsal root ganglion neurones. British Journal of Pharmacology, 1991, 102, 272-276. | 5.4 | 44 |
| 81 | Sensory neuron-specific actions of capsaicin: mechanisms and applications. Trends in Pharmacological Sciences, 1990, 11, 331-333. | 8.7 | 395 |
| 82 | Cellular mechanism of action of resiniferatoxin: a potent sensory neuron excitotoxin. Brain Research, 1990, 520, 131-140. | 2.2 | 130 |
| 83 | Arachidonic-acid metabolites as second messengers. Nature, 1987, 328, 20-20. | 27.8 | 46 |
| 84 | Voltage-dependent potassium currents in cultured astrocytes. Nature, 1985, 315, 229-232. | 27.8 | 105 |
| 85 | An Analysis of Cell Membrane Noise. Annals of Statistics, 1979, 7, 237. | 2.6 | 14 |
| 86 | The distribution of Î±â€bungarotoxin binding sites on mammalian skeletal muscle developing <i>in vivo</i>. Journal of Physiology, 1977, 267, 195-213. | 2.9 | 258 |