

Irmgard Tegeder

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 164 papers | 7,916 citations | 47 h-index | 83 g-index |
| 176 ext. papers | 8,835 ext. citations | 6.7 avg, IF | 5.74 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 164 | Cyclooxygenase-independent actions of cyclooxygenase inhibitors. <i>FASEB Journal</i> , 2001 , 15, 2057-72 | 0.9 | 642 |
| 163 | GTP cyclohydrolase and tetrahydrobiopterin regulate pain sensitivity and persistence. <i>Nature Medicine</i> , 2006 , 12, 1269-77 | 50.5 | 435 |
| 162 | Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. <i>Nature Neuroscience</i> , 2007 , 10, 870-9 | 25.5 | 430 |
| 161 | COX-2 independent induction of cell cycle arrest and apoptosis in colon cancer cells by the selective COX-2 inhibitor celecoxib. <i>FASEB Journal</i> , 2001 , 15, 2742-4 | 0.9 | 365 |
| 160 | Pharmacokinetics of opioids in liver disease. <i>Clinical Pharmacokinetics</i> , 1999 , 37, 17-40 | 6.2 | 209 |
| 159 | Opioids as modulators of cell death and survival--unraveling mechanisms and revealing new indications. <i>Pharmacological Reviews</i> , 2004 , 56, 351-69 | 22.5 | 174 |
| 158 | No NO, no pain? The role of nitric oxide and cGMP in spinal pain processing. <i>Trends in Neurosciences</i> , 2009 , 32, 339-46 | 13.3 | 149 |
| 157 | Celecoxib loses its anti-inflammatory efficacy at high doses through activation of NF-kappaB. <i>FASEB Journal</i> , 2001 , 15, 1622-4 | 0.9 | 138 |
| 156 | Specific Inhibition of IkappaB kinase reduces hyperalgesia in inflammatory and neuropathic pain models in rats. <i>Journal of Neuroscience</i> , 2004 , 24, 1637-45 | 6.6 | 134 |
| 155 | Acetaminophen inhibits spinal prostaglandin E2 release after peripheral noxious stimulation. <i>Anesthesiology</i> , 1999 , 91, 231-9 | 4.3 | 119 |
| 154 | Genetically polymorphic OCT1: another piece in the puzzle of the variable pharmacokinetics and pharmacodynamics of the opioidergic drug tramadol. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 90, 143-50 | 6.1 | 113 |
| 153 | Incidence and costs of adverse drug reactions during hospitalisation: computerised monitoring versus stimulated spontaneous reporting. <i>Drug Safety</i> , 2000 , 22, 161-8 | 5.1 | 108 |
| 152 | Peripheral opioid analgesia in experimental human pain models. <i>Brain</i> , 2003 , 126, 1092-102 | 11.2 | 99 |
| 151 | G protein-independent G1 cell cycle block and apoptosis with morphine in adenocarcinoma cells: involvement of p53 phosphorylation. <i>Cancer Research</i> , 2003 , 63, 1846-52 | 10.1 | 91 |
| 150 | Reduced hyperalgesia in homozygous carriers of a GTP cyclohydrolase 1 haplotype. <i>European Journal of Pain</i> , 2008 , 12, 1069-77 | 3.7 | 90 |
| 149 | Reduced inflammatory hyperalgesia with preservation of acute thermal nociception in mice lacking cGMP-dependent protein kinase I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 3253-7 | 11.5 | 88 |
| 148 | Cyclooxygenase 2 expression in the spared nerve injury model of neuropathic pain. <i>Neuroscience</i> , 2004 , 124, 891-900 | 3.9 | 86 |

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|-----|---|-------|----|
| 147 | Elevated serum cyclophilin levels in patients with severe sepsis. <i>Journal of Clinical Immunology</i> , 1997 , 17, 380-6 | 5.7 | 83 |
| 146 | cGMP produced by NO-sensitive guanylyl cyclase essentially contributes to inflammatory and neuropathic pain by using targets different from cGMP-dependent protein kinase I. <i>Journal of Neuroscience</i> , 2008 , 28, 8568-76 | 6.6 | 82 |
| 145 | Release of algescic substances in human experimental muscle pain. <i>Inflammation Research</i> , 2002 , 51, 393-402 | 4.2 | 81 |
| 144 | 21.2 SYNAPTIC LIPID SIGNALING AT CENTRAL SYNAPSES: ROLE IN PSYCHIATRIC DISORDERS. <i>Schizophrenia Bulletin</i> , 2019 , 45, S124-S124 | 1.3 | 78 |
| 143 | cGMP-dependent signaling pathways in spinal pain processing. <i>BMC Pharmacology</i> , 2009 , 9, | | 78 |
| 142 | Effects of selective COX-1 and -2 inhibition on formalin-evoked nociceptive behaviour and prostaglandin E(2) release in the spinal cord. <i>Journal of Neurochemistry</i> , 2001 , 79, 777-86 | 6 | 78 |
| 141 | Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , 2015 , 86, 1393-406 | 13.9 | 76 |
| 140 | Genetic modulation of the pharmacological treatment of pain. <i>Pharmacology & Therapeutics</i> , 2009 , 124, 168-84 | 13.9 | 76 |
| 139 | Release of glutamate, nitric oxide and prostaglandin E2 and metabolic activity in the spinal cord of rats following peripheral nociceptive stimulation. <i>Pain</i> , 2001 , 92, 213-8 | 8 | 75 |
| 138 | GCH1 haplotype determines vascular and plasma biopterin availability in coronary artery disease effects on vascular superoxide production and endothelial function. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 158-65 | 15.1 | 73 |
| 137 | Tissue distribution of imipenem in critically ill patients. <i>Clinical Pharmacology and Therapeutics</i> , 2002 , 71, 325-33 | 6.1 | 72 |
| 136 | Pathophysiology and treatment of pain in joint disease. <i>Advanced Drug Delivery Reviews</i> , 2006 , 58, 323-428.5 | 428.5 | 71 |
| 135 | Presynaptically localized cyclic GMP-dependent protein kinase 1 is a key determinant of spinal synaptic potentiation and pain hypersensitivity. <i>PLoS Biology</i> , 2012 , 10, e1001283 | 9.7 | 71 |
| 134 | Localization and regulation of cyclo-oxygenase-1 and -2 and neuronal nitric oxide synthase in mouse spinal cord. <i>Neuroscience</i> , 2000 , 101, 1093-108 | 3.9 | 70 |
| 133 | Spinally delivered nociceptin/orphanin FQ reduces flinching behaviour in the rat formalin test. <i>NeuroReport</i> , 1997 , 8, 1967-70 | 1.7 | 69 |
| 132 | Low-dose methotrexate reduces peripheral nerve injury-evoked spinal microglial activation and neuropathic pain behavior in rats. <i>Pain</i> , 2008 , 138, 130-142 | 8 | 69 |
| 131 | R-flurbiprofen reduces neuropathic pain in rodents by restoring endogenous cannabinoids. <i>PLoS ONE</i> , 2010 , 5, e10628 | 3.7 | 68 |
| 130 | Application of microdialysis for the determination of muscle and subcutaneous tissue concentrations after oral and topical ibuprofen administration. <i>Clinical Pharmacology and Therapeutics</i> , 1999 , 65, 357-68 | 6.1 | 68 |

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|-----|---|------|----|
| 129 | COX-2-Derived Prostaglandin E2 Produced by Pyramidal Neurons Contributes to Neurovascular Coupling in the Rodent Cerebral Cortex. <i>Journal of Neuroscience</i> , 2015 , 35, 11791-810 | 6.6 | 67 |
| 128 | Dual effects of spinally delivered 8-bromo-cyclic guanosine mono-phosphate (8-bromo-cGMP) in formalin-induced nociception in rats. <i>Neuroscience Letters</i> , 2002 , 332, 146-50 | 3.3 | 65 |
| 127 | Pharmacokinetics of meropenem in critically ill patients with acute renal failure undergoing continuous venovenous hemofiltration. <i>Clinical Pharmacology and Therapeutics</i> , 1999 , 65, 50-7 | 6.1 | 65 |
| 126 | Current evidence of cannabinoid-based analgesia obtained in preclinical and human experimental settings. <i>European Journal of Pain</i> , 2018 , 22, 471-484 | 3.7 | 64 |
| 125 | Increased CNS uptake and enhanced antinociception of morphine-6-glucuronide in rats after inhibition of P-glycoprotein. <i>Journal of Neurochemistry</i> , 2002 , 83, 241-8 | 6 | 56 |
| 124 | Inhibition of NF-kappaB and AP-1 activation by R- and S-flurbiprofen. <i>FASEB Journal</i> , 2001 , 15, 595-7 | 0.9 | 54 |
| 123 | Retrospective analysis of the frequency and recognition of adverse drug reactions by means of automatically recorded laboratory signals. <i>British Journal of Clinical Pharmacology</i> , 1999 , 47, 557-64 | 3.8 | 52 |
| 122 | Peripheral nerve injury produces a sustained shift in the balance between glutamate release and uptake in the dorsal horn of the spinal cord. <i>Pain</i> , 2012 , 153, 2422-2431 | 8 | 50 |
| 121 | Current evidence for a modulation of low back pain by human genetic variants. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1605-1619 | 5.6 | 50 |
| 120 | Pharmacokinetics of imipenem-cilastatin in critically ill patients undergoing continuous venovenous hemofiltration. <i>Antimicrobial Agents and Chemotherapy</i> , 1997 , 41, 2640-5 | 5.9 | 50 |
| 119 | Regulation and immunohistochemical localization of nitric oxide synthases and soluble guanylyl cyclase in mouse spinal cord following nociceptive stimulation. <i>Neuroscience Letters</i> , 2000 , 290, 71-5 | 3.3 | 50 |
| 118 | Modulation of spinal nociceptive processing through the glutamate transporter GLT-1. <i>Neuroscience</i> , 2003 , 116, 81-7 | 3.9 | 47 |
| 117 | Progression of pathology in PINK1-deficient mouse brain from splicing via ubiquitination, ER stress, and mitophagy changes to neuroinflammation. <i>Journal of Neuroinflammation</i> , 2017 , 14, 154 | 10.1 | 46 |
| 116 | Cysteine-rich protein 2, a novel downstream effector of cGMP/cGMP-dependent protein kinase I-mediated persistent inflammatory pain. <i>Journal of Neuroscience</i> , 2008 , 28, 1320-30 | 6.6 | 46 |
| 115 | Validation of a new fluorogenic real-time PCR assay for detection of CYP2C9 allelic variants and CYP2C9 allelic distribution in a German population. <i>British Journal of Clinical Pharmacology</i> , 2002 , 54, 518-21 | 3.8 | 46 |
| 114 | Inhibition of NF-KB and AP-1 activation by R- and S-flurbiprofen1,2. <i>FASEB Journal</i> , 2001 , 15, 2-4 | 0.9 | 46 |
| 113 | Progranulin protects against exaggerated axonal injury and astrogliosis following traumatic brain injury. <i>Glia</i> , 2017 , 65, 278-292 | 9 | 45 |
| 112 | Role of nitric oxide in zymosan induced paw inflammation and thermal hyperalgesia. <i>Inflammation Research</i> , 2001 , 50, 83-8 | 7.2 | 45 |

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|-----|---|------|----|
| 111 | Drug interactions with patient-controlled analgesia. <i>Clinical Pharmacokinetics</i> , 2002 , 41, 31-57 | 6.2 | 45 |
| 110 | Contribution of genetic variants to pain susceptibility in Parkinson disease. <i>European Journal of Pain</i> , 2012 , 16, 1243-50 | 3.7 | 44 |
| 109 | Reliable screening for a pain-protective haplotype in the GTP cyclohydrolase 1 gene (GCH1) through the use of 3 or fewer single nucleotide polymorphisms. <i>Clinical Chemistry</i> , 2007 , 53, 1010-5 | 5.5 | 44 |
| 108 | Peripheral calcium-permeable AMPA receptors regulate chronic inflammatory pain in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1608-23 | 15.9 | 44 |
| 107 | Progranulin promotes peripheral nerve regeneration and reinnervation: role of notch signaling. <i>Molecular Neurodegeneration</i> , 2016 , 11, 69 | 19 | 43 |
| 106 | The partial 5-hydroxytryptamine _{1A} receptor agonist buspirone does not antagonize morphine-induced respiratory depression in humans. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 81, 59-68 | 6.1 | 42 |
| 105 | SNO-ing at the nociceptive synapse?. <i>Pharmacological Reviews</i> , 2011 , 63, 366-89 | 22.5 | 41 |
| 104 | R-flurbiprofen attenuates experimental autoimmune encephalomyelitis in mice. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1398-422 | 12 | 40 |
| 103 | Inhibition of GTP cyclohydrolase attenuates tumor growth by reducing angiogenesis and M2-like polarization of tumor associated macrophages. <i>International Journal of Cancer</i> , 2013 , 132, 591-604 | 7.5 | 40 |
| 102 | Time course of 8-methoxypsoralen concentrations in skin and plasma after topical (bath and cream) and oral administration of 8-methoxypsoralen. <i>Clinical Pharmacology and Therapeutics</i> , 2002 , 71, 153-61 | 6.1 | 40 |
| 101 | The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia. <i>Pain</i> , 2004 , 110, 409-18 | 8 | 40 |
| 100 | Opposite effects of rofecoxib on nuclear factor-kappaB and activating protein-1 activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 304, 1153-60 | 4.7 | 39 |
| 99 | Cisplatin tumor concentrations after intra-arterial cisplatin infusion or embolization in patients with oral cancer. <i>Clinical Pharmacology and Therapeutics</i> , 2003 , 73, 417-26 | 6.1 | 39 |
| 98 | Activation of c-Jun-N-terminal-kinase is crucial for the induction of a cell cycle arrest in human colon carcinoma cells caused by flurbiprofen enantiomers. <i>FASEB Journal</i> , 2003 , 17, 1316-8 | 0.9 | 39 |
| 97 | Inhibition of cyclic guanosine 5'-monophosphate-dependent protein kinase I (PKG-I) in lumbar spinal cord reduces formalin-induced hyperalgesia and PKG upregulation. <i>Nitric Oxide - Biology and Chemistry</i> , 2003 , 8, 89-94 | 5 | 38 |
| 96 | Targeted lipidomics reveal derangement of ceramides in major depression and bipolar disorder. <i>Metabolism: Clinical and Experimental</i> , 2019 , 95, 65-76 | 12.7 | 37 |
| 95 | Peripheral and central antihyperalgesic effects of diclofenac in a model of human inflammatory pain. <i>Clinical Pharmacology and Therapeutics</i> , 2003 , 74, 113-20 | 6.1 | 37 |
| 94 | Regulation of circulating endocannabinoids associated with cancer and metastases in mice and humans. <i>Oncoscience</i> , 2014 , 1, 272-282 | 0.8 | 37 |

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|----|---|------|----|
| 93 | Differential effect of selective cyclooxygenase-2 (COX-2) inhibitor NS 398 and diclofenac on formalin-induced nociception in the rat. <i>Neuroscience Letters</i> , 1998 , 248, 25-8 | 3.3 | 36 |
| 92 | Ro5-4864 promotes neonatal motor neuron survival and nerve regeneration in adult rats. <i>European Journal of Neuroscience</i> , 2008 , 27, 937-46 | 3.5 | 36 |
| 91 | Comparative proteomic analysis of the rat spinal cord in inflammatory and neuropathic pain models. <i>Neuroscience Letters</i> , 2005 , 381, 289-93 | 3.3 | 36 |
| 90 | Progranulin overexpression in sensory neurons attenuates neuropathic pain in mice: Role of autophagy. <i>Neurobiology of Disease</i> , 2016 , 96, 294-311 | 7.5 | 35 |
| 89 | Determination of celecoxib in human plasma and rat microdialysis samples by liquid chromatography tandem mass spectrometry. <i>Biomedical Applications</i> , 2001 , 761, 203-12 | | 35 |
| 88 | "Disease modifying nutricals" for multiple sclerosis. <i>Pharmacology & Therapeutics</i> , 2015 , 148, 85-113 | 13.9 | 34 |
| 87 | Comparison of inhibitory effects of meloxicam and diclofenac on human thromboxane biosynthesis after single doses and at steady state. <i>Clinical Pharmacology and Therapeutics</i> , 1999 , 65, 533-44 | 6.1 | 34 |
| 86 | Analgesic efficacy of tramadol, pregabalin and ibuprofen in menthol-evoked cold hyperalgesia. <i>Pain</i> , 2009 , 147, 116-21 | 8 | 33 |
| 85 | CNGA3: a target of spinal nitric oxide/cGMP signaling and modulator of inflammatory pain hypersensitivity. <i>Journal of Neuroscience</i> , 2011 , 31, 11184-92 | 6.6 | 33 |
| 84 | Inhibition of noxious stimulus-induced spinal prostaglandin E2 release by flurbiprofen enantiomers: a microdialysis study. <i>Journal of Neurochemistry</i> , 2000 , 74, 2094-100 | 6 | 33 |
| 83 | NG2/CSPG4 and progranulin in the posttraumatic glial scar. <i>Matrix Biology</i> , 2018 , 68-69, 571-588 | 11.4 | 32 |
| 82 | Protein associated with Myc (PAM) is involved in spinal nociceptive processing. <i>Journal of Neurochemistry</i> , 2004 , 88, 948-57 | 6 | 32 |
| 81 | Antinociceptive effects of morphine-6-glucuronide in homozygous MDR1a P-glycoprotein knockout and in wildtype mice in the hotplate test. <i>Life Sciences</i> , 2000 , 66, 2393-403 | 6.8 | 31 |
| 80 | Pro-inflammatory obesity in aged cannabinoid-2 receptor-deficient mice. <i>International Journal of Obesity</i> , 2016 , 40, 366-79 | 5.5 | 30 |
| 79 | Dysregulation of lysophosphatidic acids in multiple sclerosis and autoimmune encephalomyelitis. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 42 | 7.3 | 29 |
| 78 | The protein kinase IKK α is a potential target for the treatment of inflammatory hyperalgesia. <i>Journal of Immunology</i> , 2011 , 187, 2617-25 | 5.3 | 28 |
| 77 | Cardiovascular risk with cyclooxygenase inhibitors: general problem with substance specific differences?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2006 , 373, 1-17 | 3.4 | 28 |
| 76 | Ceramide synthase 2 deficiency aggravates AOM-DSS-induced colitis in mice: role of colon barrier integrity. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3039-3055 | 10.3 | 27 |

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|----|---|------|----|
| 75 | Protein S-nitrosylation and denitrosylation in the mouse spinal cord upon injury of the sciatic nerve. <i>Journal of Proteomics</i> , 2012 , 75, 3987-4004 | 3.9 | 27 |
| 74 | Expression of rat liver long-chain acyl-CoA synthetase and characterization of its role in the metabolism of R-ibuprofen and other fatty acid-like xenobiotics. <i>Biochemical Pharmacology</i> , 2001 , 61, 651-6 | 6 | 27 |
| 73 | Molecular cause and functional impact of altered synaptic lipid signaling due to a prg-1 gene SNP. <i>EMBO Molecular Medicine</i> , 2016 , 8, 25-38 | 12 | 26 |
| 72 | Machine-learning based lipid mediator serum concentration patterns allow identification of multiple sclerosis patients with high accuracy. <i>Scientific Reports</i> , 2018 , 8, 14884 | 4.9 | 26 |
| 71 | GLT1/11) signaling tonically modulates nociceptor function and contributes to activity-dependent sensitization. <i>Pain</i> , 2012 , 153, 184-196 | 8 | 25 |
| 70 | Genetic deletion of synapsin II reduces neuropathic pain due to reduced glutamate but increased GABA in the spinal cord dorsal horn. <i>Pain</i> , 2008 , 139, 632-643 | 8 | 25 |
| 69 | Inhibitor kappaB Kinase beta deficiency in primary nociceptive neurons increases TRP channel sensitivity. <i>Journal of Neuroscience</i> , 2009 , 29, 12919-29 | 6.6 | 24 |
| 68 | Clinical genetics of functionally mild non-coding GTP cyclohydrolase 1 (GCH1) polymorphisms modulating pain and cardiovascular risk. <i>Mutation Research - Reviews in Mutation Research</i> , 2008 , 659, 195-201 | 7 | 24 |
| 67 | Cream psoralen plus ultraviolet A therapy for granuloma annulare. <i>British Journal of Dermatology</i> , 2001 , 144, 996-9 | 4 | 24 |
| 66 | Multiple rodent models and behavioral measures reveal unexpected responses to FTY720 and DMF in experimental autoimmune encephalomyelitis. <i>Behavioural Brain Research</i> , 2016 , 300, 160-74 | 3.4 | 22 |
| 65 | Hypoxia-inducible factor 1 regulates heat and cold pain sensitivity and persistence. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 2555-71 | 8.4 | 22 |
| 64 | Dichotomy of CCL21 and CXCR3 in nerve injury-evoked and autoimmunity-evoked hyperalgesia. <i>Brain, Behavior, and Immunity</i> , 2013 , 32, 186-200 | 16.6 | 22 |
| 63 | Tetrahydrobiopterin Attenuates DSS-evoked Colitis in Mice by Rebalancing Redox and Lipid Signalling. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 965-78 | 1.5 | 21 |
| 62 | Synaptic phospholipids as a new target for cortical hyperexcitability and E/I balance in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018 , 23, 1699-1710 | 15.1 | 21 |
| 61 | Anandamide deficiency and heightened neuropathic pain in aged mice. <i>Neuropharmacology</i> , 2013 , 71, 204-15 | 5.5 | 21 |
| 60 | Comparison of nociceptive behavior in prostaglandin E, F, D, prostacyclin and thromboxane receptor knockout mice. <i>European Journal of Pain</i> , 2009 , 13, 691-703 | 3.7 | 21 |
| 59 | Inhibitor kappa B kinase beta dependent cytokine upregulation in nociceptive neurons contributes to nociceptive hypersensitivity after sciatic nerve injury. <i>Journal of Pain</i> , 2012 , 13, 485-97 | 5.2 | 20 |
| 58 | Conditional gene deletion reveals functional redundancy of GABAB receptors in peripheral nociceptors in vivo. <i>Molecular Pain</i> , 2009 , 5, 68 | 3.4 | 19 |

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|----|---|------|----|
| 57 | Accumulation of phosphorylated I kappaB alpha and activated IKK in nodes of Ranvier. <i>Neuropathology and Applied Neurobiology</i> , 2008 , 34, 357-65 | 5.2 | 19 |
| 56 | Exogenous delta-tetrahydrocannabinol influences circulating endogenous cannabinoids in humans. <i>Journal of Clinical Psychopharmacology</i> , 2013 , 33, 699-705 | 1.7 | 18 |
| 55 | Nitric oxide mediated redox regulation of protein homeostasis. <i>Cellular Signalling</i> , 2019 , 53, 348-356 | 4.9 | 18 |
| 54 | Progranulin contributes to endogenous mechanisms of pain defense after nerve injury in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 708-21 | 5.6 | 17 |
| 53 | Learning and memory with neuropathic pain: impact of old age and progranulin deficiency. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 174 | 3.5 | 17 |
| 52 | Congenital taurine deficiency in mice is associated with reduced sensitivity to nociceptive chemical stimulation. <i>Neuroscience</i> , 2014 , 259, 63-70 | 3.9 | 16 |
| 51 | Inter-strain differences of serotonergic inhibitory pain control in inbred mice. <i>Molecular Pain</i> , 2010 , 6, 70 | 3.4 | 16 |
| 50 | Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord. <i>Pain</i> , 2005 , 115, 171-81 | 8 | 16 |
| 49 | Endocannabinoids as Guardians of Metastasis. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 230 | 6.3 | 16 |
| 48 | Nitric oxide contributes to protein homeostasis by S-nitrosylations of the chaperone HSPA8 and the ubiquitin ligase UBE2D. <i>Redox Biology</i> , 2019 , 20, 217-235 | 11.3 | 16 |
| 47 | Inhibition of GTP cyclohydrolase reduces cancer pain in mice and enhances analgesic effects of morphine. <i>Journal of Molecular Medicine</i> , 2012 , 90, 1473-86 | 5.5 | 15 |
| 46 | Kinetics and dose-response of photosensitivity in cream psoralen plus ultraviolet A photochemotherapy: comparative in vivo studies after topical application of three standard preparations. <i>British Journal of Dermatology</i> , 2001 , 144, 991-5 | 4 | 15 |
| 45 | Simultaneous fitting of R- and S-ibuprofen plasma concentrations after oral administration of the racemate. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 387-98 | 3.8 | 15 |
| 44 | Hypoxia-inducible factor 1 α protects peripheral sensory neurons from diabetic peripheral neuropathy by suppressing accumulation of reactive oxygen species. <i>Journal of Molecular Medicine</i> , 2018 , 96, 1395-1405 | 5.5 | 15 |
| 43 | Loss of synaptic zinc transport in progranulin deficient mice may contribute to progranulin-associated psychopathology and chronic pain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2727-2745 | 6.9 | 14 |
| 42 | The influence of inhibition of probenecid sensitive transporters on the central nervous system (CNS) uptake and the antinociceptive activity of morphine-6-glucuronide in rats. <i>Neuroscience Letters</i> , 2002 , 329, 145-8 | 3.3 | 13 |
| 41 | Comparison of tissue concentrations after intramuscular and topical administration of ketoprofen. <i>Pharmaceutical Research</i> , 2001 , 18, 980-6 | 4.5 | 12 |
| 40 | Redox-guided axonal regrowth requires cyclic GMP dependent protein kinase 1: Implication for neuropathic pain. <i>Redox Biology</i> , 2017 , 11, 176-191 | 11.3 | 11 |

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|----|--|------|----|
| 39 | Sensory neuropathy and nociception in rodent models of Parkinson's disease. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12, | 4.1 | 11 |
| 38 | Redoxins in peripheral neurons after sciatic nerve injury. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 581-92 | 7.8 | 10 |
| 37 | Determination of 8-methoxypsoralen in human plasma, and microdialysates using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 798, 223-9 | 3.2 | 10 |
| 36 | Distal infraorbital nerve injury: a model for persistent facial pain in mice. <i>Pain</i> , 2019 , 160, 1431-1447 | 8 | 10 |
| 35 | Autophagy activation, lipotoxicity and lysosomal membrane permeabilization synergize to promote pimozone- and loperamide-induced glioma cell death. <i>Autophagy</i> , 2021 , 17, 3424-3443 | 10.2 | 10 |
| 34 | Nerve injury evoked loss of latexin expression in spinal cord neurons contributes to the development of neuropathic pain. <i>PLoS ONE</i> , 2011 , 6, e19270 | 3.7 | 9 |
| 33 | The impact of CREB and its phosphorylation at Ser142 on inflammatory nociception. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 75-80 | 3.4 | 9 |
| 32 | High Glucosylceramides and Low Anandamide Contribute to Sensory Loss and Pain in Parkinson's Disease. <i>Movement Disorders</i> , 2020 , 35, 1822-1833 | 7 | 7 |
| 31 | Progranulin deficiency confers resistance to autoimmune encephalomyelitis in mice. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1077-1091 | 15.4 | 7 |
| 30 | Rab7-a novel redox target that modulates inflammatory pain processing. <i>Pain</i> , 2017 , 158, 1354-1365 | 8 | 6 |
| 29 | Monoclonal Antibodies in Preclinical EAE Models of Multiple Sclerosis: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 5 |
| 28 | Spatial distribution of 8-methoxypsoralen penetration into human skin after systemic or topical administration. <i>British Journal of Clinical Pharmacology</i> , 2002 , 54, 535-9 | 3.8 | 5 |
| 27 | Low brain endocannabinoids associated with persistent non-goal directed nighttime hyperactivity after traumatic brain injury in mice. <i>Scientific Reports</i> , 2020 , 10, 14929 | 4.9 | 5 |
| 26 | When the genome bluffs: a tandem duplication event during generation of a novel Agmo knockout mouse model fools routine genotyping. <i>Cell and Bioscience</i> , 2021 , 11, 54 | 9.8 | 5 |
| 25 | Prevention of age-associated neuronal hyperexcitability with improved learning and attention upon knockout or antagonism of LPAR2. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 1029-1050 | 10.3 | 5 |
| 24 | R-Flurbiprofen Traps Prostaglandins within Cells by Inhibition of Multidrug Resistance-Associated Protein-4. <i>International Journal of Molecular Sciences</i> , 2016 , 18, | 6.3 | 4 |
| 23 | Yeast-2-Hybrid data file showing progranulin interactions in human fetal brain and bone marrow libraries. <i>Data in Brief</i> , 2016 , 9, 1060-1062 | 1.2 | 4 |
| 22 | Mast cell tetrahydrobiopterin contributes to itch in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 985-1000 | 5.6 | 4 |

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|----|---|------|---|
| 21 | Progranulin Deficient Mice Develop Nephrogenic Diabetes Insipidus 2018 , 9, 817-830 | | 4 |
| 20 | Bioluminescence and Near-infrared Imaging of Optic Neuritis and Brain Inflammation in the EAE Model of Multiple Sclerosis in Mice. <i>Journal of Visualized Experiments</i> , 2017 , | 1.6 | 3 |
| 19 | When lipid homeostasis runs havoc: Lipotoxicity links lysosomal dysfunction to autophagy. <i>Matrix Biology</i> , 2021 , 100-101, 99-117 | 11.4 | 3 |
| 18 | Redox-proteomes of human NOS1-transduced versus MOCK SH-SY5Y neuroblastoma cells under full nutrition, serum-free starvation, and rapamycin treatment. <i>Data in Brief</i> , 2018 , 21, 1302-1308 | 1.2 | 3 |
| 17 | Expression and regulation of redoxins at nociceptive signaling sites after sciatic nerve injury in mice. <i>Data in Brief</i> , 2015 , 5, 834-45 | 1.2 | 2 |
| 16 | Nucleoredoxin Knockdown in SH-SY5Y Cells Promotes Cell Renewal. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 2 |
| 15 | Single intracerebroventricular progranulin injection adversely affects the blood-brain barrier in experimental traumatic brain injury. <i>Journal of Neurochemistry</i> , 2021 , 158, 342-357 | 6 | 2 |
| 14 | Sphingolipid and Endocannabinoid Profiles in Adult Attention Deficit Hyperactivity Disorder. <i>Biomedicines</i> , 2021 , 9, | 4.8 | 2 |
| 13 | ARAF suppresses ERBB3 expression and metastasis in a subset of lung cancers.. <i>Science Advances</i> , 2022 , 8, eabk1538 | 14.3 | 2 |
| 12 | Simultaneous fitting of R- and S-ibuprofen plasma concentrations after oral administration of the racemate. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 387-398 | 3.8 | 1 |
| 11 | Autophagy activation, lipotoxicity and lysosomal membrane permeabilization synergize to promote pimozone- and loperamide-induced glioma cell death | | 1 |
| 10 | Sapropterin (BH4) Aggravates Autoimmune Encephalomyelitis in Mice. <i>Neurotherapeutics</i> , 2021 , 18, 1862-1879 | 18.1 | 1 |
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| 8 | AGMO Inhibitor Reduces 3T3-L1 Adipogenesis. <i>Cells</i> , 2021 , 10, | 7.9 | 1 |
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