

Viola Spahn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6265288/publications.pdf>

Version: 2024-02-01

20
papers

694
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	A nontoxic pain killer designed by modeling of pathological receptor conformations. <i>Science</i> , 2017, 355, 966-969.	12.6	175
2	Modulation of Transient Receptor Vanilloid 1 Activity by Transient Receptor Potential Ankyrin 1. <i>Molecular Pharmacology</i> , 2014, 85, 335-344.	2.3	79
3	Opioid withdrawal increases transient receptor potential vanilloid 1 activity in a protein kinase A-dependent manner. <i>Pain</i> , 2013, 154, 598-608.	4.2	54
4	Novel Opioid Analgesics and Side Effects. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1638-1640.	3.5	52
5	Analgesic effects of a novel pH-dependent μ -opioid receptor agonist in models of neuropathic and abdominal pain. <i>Pain</i> , 2018, 159, 2277-2284.	4.2	51
6	Opioid receptor signaling, analgesic and side effects induced by a computationally designed pH-dependent agonist. <i>Scientific Reports</i> , 2018, 8, 8965.	3.3	47
7	Exploiting Fluorescence Lifetime Plasticity in FLIM: Target Molecule Localization in Cells and Tissues. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 724-728.	2.8	37
8	Targeting delta opioid receptors for pain treatment: drugs in phase I and II clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 155-160.	4.1	37
9	Polyglycerol-opioid conjugate produces analgesia devoid of side effects. <i>ELife</i> , 2017, 6, .	6.0	32
10	Production of G protein-coupled receptors in an insect-based cell-free system. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2328-2338.	3.3	29
11	Opioids and TRPV1 in the peripheral control of neuropathic pain – Defining a target site in the injured nerve. <i>Neuropharmacology</i> , 2016, 101, 330-340.	4.1	20
12	pKa of opioid ligands as a discriminating factor for side effects. <i>Scientific Reports</i> , 2019, 9, 19344.	3.3	19
13	Modulation of μ -opioid receptor activation by acidic pH is dependent on ligand structure and an ionizable amino acid residue. <i>British Journal of Pharmacology</i> , 2019, 176, 4510-4520.	5.4	18
14	Interleukin-4 Induces the Release of Opioid Peptides from M1 Macrophages in Pathological Pain. <i>Journal of Neuroscience</i> , 2021, 41, 2870-2882.	3.6	16
15	Mu-Opioid Receptor Agonist Induces Kir3 Currents in Mouse Peripheral Sensory Neurons – Effects of Nerve Injury. <i>Frontiers in Pharmacology</i> , 2018, 9, 1478.	3.5	13
16	A low pKa ligand inhibits cancer-associated pain in mice by activating peripheral mu-opioid receptors. <i>Scientific Reports</i> , 2020, 10, 18599.	3.3	7
17	Ankyrin-rich membrane spanning protein as a novel modulator of transient receptor potential vanilloid 1 function in nociceptive neurons. <i>European Journal of Pain</i> , 2017, 21, 1072-1086.	2.8	4
18	Electrophysiological Patch Clamp Assay to Monitor the Action of Opioid Receptors. <i>Methods in Molecular Biology</i> , 2015, 1230, 197-211.	0.9	2

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19	Patch-Clamp Analysis of Opioid-Induced Kir3 Currents in Mouse Peripheral Sensory Neurons Following Nerve Injury. <i>Methods in Molecular Biology</i> , 2021, 2201, 127-137.	0.9	1
20	Analysis of Potassium and Calcium Imaging to Assay the Function of Opioid Receptors. <i>Methods in Molecular Biology</i> , 2015, 1230, 187-196.	0.9	0