Bruno Georg Oertel

List of Publications by Year
in descending order

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39 papers	1,605 citations	430874 18 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	1929 citing authors

#	Article	IF	Citations
1	Serum 4Î²-hydroxycholesterol increases during fluconazole treatment. European Journal of Clinical Pharmacology, 2021, 77, 659-669.	1.9	6
2	A data science approach to the selection of most informative readouts of the human intradermal capsaicin pain model to assess pregabalin effects. Basic and Clinical Pharmacology and Toxicology, 2020, 126, 318-331.	2.5	4
3	Central encoding of the strength of intranasal chemosensory trigeminal stimuli in a human experimental pain setting. Human Brain Mapping, 2020, 41, 5240-5254.	3.6	12
4	Machine-Learned Association of Next-Generation Sequencing-Derived Variants in Thermosensitive Ion Channels Genes with Human Thermal Pain Sensitivity Phenotypes. International Journal of Molecular Sciences, 2020, 21, 4367.	4.1	2
5	Delta-9-tetrahydrocannabinol reduces the performance in sensory delayed discrimination tasks. A pharmacological-fMRI study in healthy volunteers. IBRO Reports, 2019, 7, 117-128.	0.3	3
6	Machine-learned analysis of the association of next-generation sequencingâ€“based human TRPV1 and TRPA1 genotypes with the sensitivity to heat stimuli and topically applied capsaicin. Pain, 2018, 159, 1366-1381.	4.2	17
7	Quantitative sensory testing response patterns to capsaicin- and ultraviolet-Bâ€“induced local skin hypersensitization in healthy subjects: a machine-learned analysis. Pain, 2018, 159, 11-24.	4.2	16
8	Effects of oral Î”9-tetrahydrocannabinol on the cerebral processing of olfactory input in healthy non-addicted subjects. European Journal of Clinical Pharmacology, 2017, 73, 1579-1587.	1.9	11
9	Using a Standardized Clinical Quantitative Sensory Testing Battery to Judge the Clinical Relevance of Sensory Differences Between Adjacent Body Areas. Clinical Journal of Pain, 2017, 33, 37-43.	1.9	7
10	Pharmacoepigenetics of the role of DNA methylation in Î¼-opioid receptor expression in different human brain regions. Epigenomics, 2016, 8, 1583-1599.	2.1	18
11	A small yet comprehensive subset of human experimental pain models emerging from correlation analysis with a clinical quantitative sensory testing protocol in healthy subjects. European Journal of Pain, 2016, 20, 777-789.	2.8	7
12	Brain Mapping-Based Model of Î”9-Tetrahydrocannabinol Effects on Connectivity in the Pain Matrix. Neuropsychopharmacology, 2016, 41, 1659-1669.	5.4	29
13	Reply to â€œCan topical capsaicin induce a neuropathic pain?â€• Pain, 2015, 156, 1369-1370.	4.2	2
14	A More Pessimistic Life Orientation Is Associated With Experimental Inducibility of a Neuropathy-like Pain Pattern inÂHealthy Individuals. Journal of Pain, 2015, 16, 791-800.	1.4	8
15	Pattern of neuropathic pain induced by topical capsaicin application in healthy subjects. Pain, 2015, 156, 405-414.	4.2	43
16	Multimodal Distribution of Human Cold Pain Thresholds. PLoS ONE, 2015, 10, e0125822.	2.5	14
17	Inverted Perceptual Judgment of Nociceptive Stimuli at Threshold Level following Inconsistent Cues. PLoS ONE, 2015, 10, e0132069.	2.5	1
18	Consequences of a Human TRPA1 Genetic Variant on the Perception of Nociceptive and Olfactory Stimuli. PLoS ONE, 2014, 9, e95592.	2.5	26

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19	Cytochrome P450 Epoxygenase Dependence of Opioid Analgesia: Fluconazole Does Not Interfere With Remifentanil-Mediated Analgesia in Human Subjects. Clinical Pharmacology and Therapeutics, 2014, 96, 684-693.	4.7	2
20	Effects of 20â€‰mg oral Î”⁹â€tetrahydrocannabinol on the olfactory function of healthy volunteers. British Journal of Clinical Pharmacology, 2014, 78, 961-969.	2.4	15
21	Human models of pain for the prediction of clinical analgesia. Pain, 2014, 155, 2014-2021.	4.2	40
22	Non-invasive combined surrogates of remifentanil blood concentrations with relevance to analgesia. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 865-873.	3.0	3
23	Chronic opioid use is associated with increased DNA methylation correlating with increased clinical pain. Pain, 2013, 154, 15-23.	4.2	136
24	Pharmacokinetics of Non-Intravenous Formulations of Fentanyl. Clinical Pharmacokinetics, 2013, 52, 23-36.	3.5	107
25	Clinical pharmacology of analgesics assessed with human experimental pain models: bridging basic and clinical research. British Journal of Pharmacology, 2013, 168, 534-553.	5.4	64
26	Âμ-opioid receptor gene variant OPRM1 118 A>G: a summary of its molecular and clinical consequences for pain. Pharmacogenomics, 2013, 14, 1915-1925.	1.3	37
27	Linkage between Increased Nociception and Olfaction via a SCN9A Haplotype. PLoS ONE, 2013, 8, e68654.	2.5	17
28	Extended cortical activations during evaluating successive pain stimuli. Social Cognitive and Affective Neuroscience, 2012, 7, 698-707.	3.0	9
29	Geneticâ€“epigenetic interaction modulates Âμ-opioid receptor regulation. Human Molecular Genetics, 2012, 21, 4751-4760.	2.9	105
30	Necessity and Risks of Arterial Blood Sampling in Healthy Volunteer Studies. Clinical Pharmacokinetics, 2012, 51, 629-638.	3.5	6
31	Separating brain processing of pain fromthat of stimulus intensity. Human Brain Mapping, 2012, 33, 883-894.	3.6	69
32	The Human Operculo-Insular Cortex Is Pain-Preferentially but Not Pain-Exclusively Activated by Trigeminal and Olfactory Stimuli. PLoS ONE, 2012, 7, e34798.	2.5	30
33	Selective Antagonism of Opioid-Induced Ventilatory Depression by an Ampakine Molecule in Humans Without Loss of Opioid Analgesia. Clinical Pharmacology and Therapeutics, 2010, 87, 204-211.	4.7	105
34	Quick Discrimination of Adelta and C Fiber Mediated Pain Based on Three Verbal Descriptors. PLoS ONE, 2010, 5, e12944.	2.5	94
35	A Common Human Î¼-Opioid Receptor Genetic Variant Diminishes the Receptor Signaling Efficacy in Brain Regions Processing the Sensory Information of Pain. Journal of Biological Chemistry, 2009, 284, 6530-6535.	3.4	135
36	Differential Opioid Action on Sensory and Affective Cerebral Pain Processing. Clinical Pharmacology and Therapeutics, 2008, 83, 577-588.	4.7	121

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37	The Partial 5-Hydroxytryptamine1A Receptor Agonist Buspirone does not Antagonize Morphine-induced Respiratory Depression in Humans. Clinical Pharmacology and Therapeutics, 2007, 81, 59-68.	4.7	50
38	Modulation of the central nervous effects of levomethadone by genetic polymorphisms potentially affecting its metabolism, distribution, and drug action. Clinical Pharmacology and Therapeutics, 2006, 79, 72-89.	4.7	91
39	The Î¼-opioid receptor gene polymorphism 118A>G depletes alfentanil-induced analgesia and protects against respiratory depression in homozygous carriers. Pharmacogenetics and Genomics, 2006, 16, 625-636.	1.5	137