

Rolf-Detlef Treede

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1468519/rolf-detlef-treede-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

119
papers

16,069
citations

52
h-index

126
g-index

131
ext. papers

19,709
ext. citations

5.6
avg, IF

6.61
L-index

#	Paper	IF	Citations
119	Human brain mechanisms of pain perception and regulation in health and disease. <i>European Journal of Pain</i> , 2005 , 9, 463-84	3.7	2053
118	Pharmacologic management of neuropathic pain: evidence-based recommendations. <i>Pain</i> , 2007 , 132, 237-251	8	1436
117	A classification of chronic pain for ICD-11. <i>Pain</i> , 2015 , 156, 1003-1007	8	1062
116	Recommendations for the pharmacological management of neuropathic pain: an overview and literature update. <i>Mayo Clinic Proceedings</i> , 2010 , 85, S3-14	6.4	896
115	Peripheral and central mechanisms of cutaneous hyperalgesia. <i>Progress in Neurobiology</i> , 1992 , 38, 397-421	10.9	714
114	NeuPSIG guidelines on neuropathic pain assessment. <i>Pain</i> , 2011 , 152, 14-27	8	694
113	The Kyoto protocol of IASP Basic Pain Terminology. <i>Pain</i> , 2008 , 137, 473-477	8	624
112	Chronic pain as a symptom or a disease: the IASP Classification of Chronic Pain for the International Classification of Diseases (ICD-11). <i>Pain</i> , 2019 , 160, 19-27	8	624
111	Neuropathic pain: an updated grading system for research and clinical practice. <i>Pain</i> , 2016 , 157, 1599-1686		536
110	Value of quantitative sensory testing in neurological and pain disorders: NeuPSIG consensus. <i>Pain</i> , 2013 , 154, 1807-1819	8	350
109	Reference data for quantitative sensory testing (QST): refined stratification for age and a novel method for statistical comparison of group data. <i>Pain</i> , 2010 , 151, 598-605	8	323
108	Peripheral neuropathic pain: a mechanism-related organizing principle based on sensory profiles. <i>Pain</i> , 2017 , 158, 261-272	8	310
107	Clinical usefulness of laser-evoked potentials. <i>Neurophysiologie Clinique</i> , 2003 , 33, 303-14	2.7	286
106	The IASP classification of chronic pain for ICD-11: chronic primary pain. <i>Pain</i> , 2019 , 160, 28-37	8	282
105	Interventional management of neuropathic pain: NeuPSIG recommendations. <i>Pain</i> , 2013 , 154, 2249-2268		264
104	Perceptual correlates of nociceptive long-term potentiation and long-term depression in humans. <i>Journal of Neuroscience</i> , 2004 , 24, 964-71	6.6	264
103	Trigeminal neuralgia: New classification and diagnostic grading for practice and research. <i>Neurology</i> , 2016 , 87, 220-8	6.5	231

102	The IASP classification of chronic pain for ICD-11: chronic neuropathic pain. <i>Pain</i> , 2019 , 160, 53-59	8	228
101	Neural correlates of antinociception in borderline personality disorder. <i>Archives of General Psychiatry</i> , 2006 , 63, 659-67		220
100	Secondary hyperalgesia and perceptual wind-up following intradermal injection of capsaicin in humans. <i>Pain</i> , 1998 , 74, 257-68	8	194
99	Myelinated mechanically insensitive afferents from monkey hairy skin: heat-response properties. <i>Journal of Neurophysiology</i> , 1998 , 80, 1082-93	3.2	174
98	The IASP classification of chronic pain for ICD-11: chronic postsurgical or posttraumatic pain. <i>Pain</i> , 2019 , 160, 45-52	8	151
97	Assessment of neuropathic pain in primary care. <i>American Journal of Medicine</i> , 2009 , 122, S13-21	2.4	150
96	Peripheral and central components of habituation of heat pain perception and evoked potentials in humans. <i>Pain</i> , 2007 , 132, 301-311	8	150
95	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. <i>Nature Reviews Neurology</i> , 2017 , 13, 624-638	15	147
94	Sensory signs in complex regional pain syndrome and peripheral nerve injury. <i>Pain</i> , 2012 , 153, 765-774	8	142
93	Quantitative sensory testing in the German Research Network on Neuropathic Pain (DFNS): reference data for the trunk and application in patients with chronic postherpetic neuralgia. <i>Pain</i> , 2014 , 155, 1002-1015	8	124
92	The International Association for the Study of Pain definition of pain: as valid in 2018 as in 1979, but in need of regularly updated footnotes. <i>Pain Reports</i> , 2018 , 3, e643	3.5	113
91	Pseudoradicular and radicular low-back pain--a disease continuum rather than different entities? Answers from quantitative sensory testing. <i>Pain</i> , 2008 , 135, 65-74	8	111
90	Human surrogate models of neuropathic pain. <i>Pain</i> , 2005 , 115, 227-233	8	103
89	The pain inhibiting pain effect: an electrophysiological study in humans. <i>Brain Research</i> , 2000 , 862, 103-107		85
88	Secondary tactile hypoesthesia: a novel type of pain-induced somatosensory plasticity in human subjects. <i>Neuroscience Letters</i> , 2004 , 361, 136-9	3.3	79
87	The IASP classification of chronic pain for ICD-11: chronic secondary musculoskeletal pain. <i>Pain</i> , 2019 , 160, 77-82	8	75
86	Capsaicin-sensitive C- and A-fibre nociceptors control long-term potentiation-like pain amplification in humans. <i>Brain</i> , 2015 , 138, 2505-20	11.2	74
85	The IASP classification of chronic pain for ICD-11: chronic cancer-related pain. <i>Pain</i> , 2019 , 160, 38-44	8	71

84	Analysis of hyperalgesia time courses in humans after painful electrical high-frequency stimulation identifies a possible transition from early to late LTP-like pain plasticity. <i>Pain</i> , 2011 , 152, 1532-1539	8	70
83	Sensory findings after stimulation of the thoracolumbar fascia with hypertonic saline suggest its contribution to low back pain. <i>Pain</i> , 2014 , 155, 222-231	8	69
82	Inhibition of rapid heat responses in nociceptive primary sensory neurons of rats by vanilloid receptor antagonists. <i>Journal of Neurophysiology</i> , 1999 , 82, 2853-60	3.2	67
81	Dissociated secondary hyperalgesia in a subject with a large-fibre sensory neuropathy. <i>Pain</i> , 1993 , 53, 169-174	8	65
80	Gain control mechanisms in the nociceptive system. <i>Pain</i> , 2016 , 157, 1199-1204	8	61
79	The role of heterosynaptic facilitation in long-term potentiation (LTP) of human pain sensation. <i>Pain</i> , 2008 , 139, 507-519	8	59
78	Modality-specific sensory changes in humans after the induction of long-term potentiation (LTP) in cutaneous nociceptive pathways. <i>Pain</i> , 2007 , 128, 254-263	8	59
77	Quantitative sensory testing using DFNS protocol in Europe: an evaluation of heterogeneity across multiple centers in patients with peripheral neuropathic pain and healthy subjects. <i>Pain</i> , 2016 , 157, 750-758	8	59
76	Tramadol reduces anxiety-related and depression-associated behaviors presumably induced by pain in the chronic constriction injury model of neuropathic pain in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 124, 290-6	3.9	57
75	CO ₂ laser radiant heat pulses activate C nociceptors in man. <i>Pflugers Archiv European Journal of Physiology</i> , 1983 , 399, 155-6	4.6	57
74	The IASP classification of chronic pain for ICD-11: functioning properties of chronic pain. <i>Pain</i> , 2019 , 160, 88-94	8	54
73	The IASP classification of chronic pain for ICD-11: chronic secondary headache or orofacial pain. <i>Pain</i> , 2019 , 160, 60-68	8	54
72	Peripheral acute pain mechanisms. <i>Annals of Medicine</i> , 1995 , 27, 213-6	1.5	54
71	Challenges of neuropathic pain: focus on diabetic neuropathy. <i>Journal of Neural Transmission</i> , 2020 , 127, 589-624	4.3	53
70	Conditioned pain modulation in patients with nonspecific chronic back pain with chronic local pain, chronic widespread pain, and fibromyalgia. <i>Pain</i> , 2017 , 158, 430-439	8	52
69	Altered pressure pain thresholds and increased wind-up in adult patients with chronic back pain with a history of childhood maltreatment: a quantitative sensory testing study. <i>Pain</i> , 2016 , 157, 1799-1809	8	52
68	Nociceptive input from the rat thoracolumbar fascia to lumbar dorsal horn neurones. <i>European Journal of Pain</i> , 2011 , 15, 810-5	3.7	49
67	Pathophysiological mechanisms of neuropathic pain: comparison of sensory phenotypes in patients and human surrogate pain models. <i>Pain</i> , 2018 , 159, 1090-1102	8	47

66	Distinct quantitative sensory testing profiles in nonspecific chronic back pain subjects with and without psychological trauma. <i>Pain</i> , 2015 , 156, 577-586	8	46
65	The IASP classification of chronic pain for ICD-11: chronic secondary visceral pain. <i>Pain</i> , 2019 , 160, 69-76	8	44
64	Perceptual correlate of nociceptive long-term potentiation (LTP) in humans shares the time course of early-LTP. <i>Journal of Neurophysiology</i> , 2006 , 96, 3551-5	3-2	43
63	Sensitivity of laser-evoked potentials versus somatosensory evoked potentials in patients with multiple sclerosis. <i>Clinical Neurophysiology</i> , 2003 , 114, 992-1002	4-3	43
62	Inward currents in primary nociceptive neurons of the rat and pain sensations in humans elicited by infrared diode laser pulses. <i>Pain</i> , 2002 , 99, 145-55	8	41
61	Injection of nerve growth factor into a low back muscle induces long-lasting latent hypersensitivity in rat dorsal horn neurons. <i>Pain</i> , 2013 , 154, 1953-1960	8	38
60	The role of quantitative sensory testing in the prediction of chronic pain. <i>Pain</i> , 2019 , 160 Suppl 1, S66-S69		37
59	Inactivation and tachyphylaxis of heat-evoked inward currents in nociceptive primary sensory neurones of rats. <i>Journal of Physiology</i> , 2000 , 528, 539-49	3-9	36
58	Characterizing pinprick-evoked brain potentials before and after experimentally induced secondary hyperalgesia. <i>Journal of Neurophysiology</i> , 2015 , 114, 2672-81	3-2	34
57	How to detect a sensory abnormality. <i>European Journal of Pain</i> , 2008 , 12, 395-6	3-7	29
56	The IASP classification of chronic pain for ICD-11: applicability in primary care. <i>Pain</i> , 2019 , 160, 83-87	8	26
55	The Role of Sex in Sleep Deprivation Related Changes of Nociception and Conditioned Pain Modulation. <i>Neuroscience</i> , 2018 , 387, 191-200	3-9	25
54	Electrical high-frequency stimulation of the human thoracolumbar fascia evokes long-term potentiation-like pain amplification. <i>Pain</i> , 2016 , 157, 2309-2317	8	25
53	Deep phenotyping neuropathy: An underestimated complication in patients with pre-diabetes and type 2 diabetes associated with albuminuria. <i>Diabetes Research and Clinical Practice</i> , 2018 , 146, 191-201	7-4	20
52	Pilot field testing of the chronic pain classification for ICD-11: the results of ecological coding. <i>BMC Public Health</i> , 2018 , 18, 1239	4-1	20
51	Duloxetine and 8-OH-DPAT, but not fluoxetine, reduce depression-like behaviour in an animal model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2016 , 619, 162-7	3-3	19
50	Assessment of pain quality reveals distinct differences between nociceptive innervation of low back fascia and muscle in humans. <i>Pain Reports</i> , 2018 , 3, e662	3-5	17
49	Inflammatory and neuropathic pain conditions do not primarily evoke anxiety-like behaviours in C57BL/6 mice. <i>European Journal of Pain</i> , 2019 , 23, 285-306	3-7	15

48	Assessment of pain as an emotion in animals and in humans. <i>Experimental Neurology</i> , 2006 , 197, 1-3	5.7	14
47	Understanding Diabetic Neuropathy-From Subclinical Nerve Lesions to Severe Nerve Fiber Deficits: A Cross-Sectional Study in Patients With Type 2 Diabetes and Healthy Control Subjects. <i>Diabetes</i> , 2020 , 69, 436-447	0.9	14
46	Prevention and reversal of latent sensitization of dorsal horn neurons by glial blockers in a model of low back pain in male rats. <i>Journal of Neurophysiology</i> , 2017 , 118, 2059-2069	3.2	13
45	Spinal cord stimulation modulates descending pain inhibition and temporal summation of pricking pain in patients with neuropathic pain. <i>Acta Neurochirurgica</i> , 2018 , 160, 2509-2519	3	13
44	The role of seeing blood in non-suicidal self-injury in female patients with borderline personality disorder. <i>Psychiatry Research</i> , 2016 , 246, 676-682	9.9	12
43	Human surrogate models of central sensitization: A critical review and practical guide. <i>European Journal of Pain</i> , 2021 , 25, 1389-1428	3.7	11
42	N-octanoyl dopamine treatment exerts renoprotective properties in acute kidney injury but not in renal allograft recipients. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 564-73	4.3	9
41	Heat-induced action potential discharges in nociceptive primary sensory neurons of rats. <i>Journal of Neurophysiology</i> , 2009 , 102, 424-36	3.2	9
40	The Inhibition by Guanfu Base A of Neuropathic Pain Mediated by P2Y Receptor in Dorsal Root Ganglia. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 1318-1325	5.7	9
39	Contribution of the P2X4 Receptor in Rat Hippocampus to the Comorbidity of Chronic Pain and Depression. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 4387-4397	5.7	8
38	The capsaicin receptor TRPV1 is the first line defense protecting from acute non damaging heat: a translational approach. <i>Journal of Translational Medicine</i> , 2020 , 18, 28	8.5	8
37	Detection of central circuits implicated in the formation of novel pain memories. <i>Journal of Pain Research</i> , 2016 , 9, 671-681	2.9	8
36	SIGMA-1 Receptor Gene Variants Affect the Somatosensory Phenotype in Neuropathic Pain Patients. <i>Journal of Pain</i> , 2019 , 20, 201-214	5.2	8
35	Mechanical punctate pain threshold is associated with headache frequency and phase in patients with migraine. <i>Cephalalgia</i> , 2020 , 40, 990-997	6.1	7
34	High-frequency modulation of rat spinal field potentials: effects of slowly conducting muscle vs. skin afferents. <i>Journal of Neurophysiology</i> , 2016 , 115, 692-700	3.2	7
33	Acetylsalicylic acid enhances tachyphylaxis of repetitive capsaicin responses in TRPV1-GFP expressing HEK293 cells. <i>Neuroscience Letters</i> , 2014 , 563, 101-6	3.3	6
32	Classification of chronic pain for the International Classification of Diseases (ICD-11): results of the 2017 International WHO Field Testing. <i>Pain</i> , 2021 ,	8	6
31	Management of pain in individuals with spinal cord injury: Guideline of the German-Speaking Medical Society for Spinal Cord Injury. <i>GMS German Medical Science</i> , 2019 , 17, Doc05	3.2	5

30	Evaluation of the chronic pain classification: study protocol for an ecological implementation field study in low-, middle-, and high-income countries. <i>Pain Reports</i> , 2020 , 5, e825	3.5	5
29	The serotonin receptor 2A (HTR2A) rs6313 variant is associated with higher ongoing pain and signs of central sensitization in neuropathic pain patients. <i>European Journal of Pain</i> , 2021 , 25, 595-611	3.7	5
28	Variable transcriptional responsiveness of the P2X3 receptor gene during CFA-induced inflammatory hyperalgesia. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 3922-3935	4.7	5
27	Pain thresholds and intensities of CRPS type I and neuropathic pain in respect to sex. <i>European Journal of Pain</i> , 2020 , 24, 1058-1071	3.7	4
26	Sleep Deprivation Related Changes of Plasma Oxytocin in Males and Female Contraceptive Users Depend on Sex and Correlate Differentially With Anxiety and Pain Hypersensitivity. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 161	3.5	4
25	Action potentials and subthreshold potentials of dorsal horn neurons in a rat model of myositis: a study employing intracellular recordings in vivo. <i>Journal of Neurophysiology</i> , 2019 , 122, 632-643	3.2	4
24	Response to letter by Werner et al. <i>Pain</i> , 2013 , 154, 176-178	8	4
23	Passing lanes and slow lanes into the nociceptive network of the human brain. <i>Pain</i> , 2006 , 123, 223-225	8	4
22	Comparing the ICD-11 chronic pain classification with ICD-10: how can the new coding system make chronic pain visible? A study in a tertiary care pain clinic setting. <i>Pain</i> , 2021 , 162, 1995-2001	8	4
21	Classification algorithm for the International Classification of Diseases-11 chronic pain classification: development and results from a preliminary pilot evaluation. <i>Pain</i> , 2021 , 162, 2087-2096	8	4
20	Technical and clinical performance of the thermo-test device "Q-Sense" to assess small fibre function: A head-to-head comparison with the "Thermal Sensory Analyzer" TSA in diabetic patients and healthy volunteers. <i>European Journal of Pain</i> , 2019 , 23, 1863-1878	3.7	3
19	Neural network-based alterations during repetitive heat pain stimulation in major depression. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1033-1040	1.2	3
18	Spinal cord fractalkine (CX3CL1) signaling is critical for neuronal sensitization in experimental nonspecific, myofascial low back pain. <i>Journal of Neurophysiology</i> , 2021 , 125, 1598-1611	3.2	3
17	Neurogenic hyperalgesia: illuminating its mechanisms with an infrared laser. <i>Journal of Physiology</i> , 2016 , 594, 6441-6442	3.9	2
16	Cycloartanes from <i>Oxyanthus pallidus</i> and derivatives with analgesic activities. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 97	4.7	2
15	Tenderness of the Skin after Chemical Stimulation of Underlying Temporal and Thoracolumbar Fasciae Reveals Somatosensory Crosstalk between Superficial and Deep Tissues. <i>Life</i> , 2021 , 11,	3	2
14	Changes in birth-related pain perception impact of neurobiological and psycho-social factors. <i>Archives of Gynecology and Obstetrics</i> , 2018 , 297, 591-599	2.5	2
13	Dose-Dependent Pain and Pain Radiation after Chemical Stimulation of the Thoracolumbar Fascia and Multifidus Muscle: A Single-Blinded, Cross-Over Study Revealing a Higher Impact of Fascia Stimulation.. <i>Life</i> , 2022 , 12,	3	2

12	Review of techniques useful for the assessment of sensory small fiber neuropathies: Report from an IFCN expert group.. <i>Clinical Neurophysiology</i> , 2022 , 136, 13-38	4.3	1
11	IMI2-PainCare-BioPain-RCT3: a randomized, double-blind, placebo-controlled, crossover, multi-center trial in healthy subjects to investigate the effects of lacosamide, pregabalin, and tapentadol on biomarkers of pain processing observed by electroencephalography (EEG). <i>Trials</i> , 2022 , 23, 163	2.8	1
10	Reliability and clinical utility of the chronic pain classification in the 11th Revision of the International Classification of Diseases from a global perspective: results from India, Cuba, and New Zealand. <i>Pain</i> , 2021 ,	8	1
9	Rat dorsal horn neurons primed by stress develop a long-lasting manifest sensitization after a short-lasting nociceptive low back input. <i>Pain Reports</i> , 2021 , 6, e904	3.5	1
8	Reply to Goebel and Molloy. <i>Pain</i> , 2021 , 162, 322	8	1
7	Pain sensitivities predict prophylactic treatment outcomes of flunarizine in chronic migraine patients: A prospective study.. <i>Cephalalgia</i> , 2022 , 3331024221080572	6.1	1
6	Effects of a Painful Stimulus on Stress Regulation in Male Patients With Borderline Personality Disorder: A Pilot Study. <i>Journal of Personality Disorders</i> , 2019 , 33, 394-412	2.6	0
5	Mechanical Punctate Pain Thresholds in Patients With Migraine Across Different Migraine Phases: A Narrative Review.. <i>Frontiers in Neurology</i> , 2021 , 12, 801437	4.1	0
4	Contralateral sensitisation is not specific for complex regional pain syndrome. Comment on Br J Anaesth 2021; 127: e1-3. <i>British Journal of Anaesthesia</i> , 2021 , 127, e173-e176	5.4	0
3	IMI2-PainCare-BioPain-RCT1: study protocol for a randomized, double-blind, placebo-controlled, crossover, multi-center trial in healthy subjects to investigate the effects of lacosamide, pregabalin, and tapentadol on biomarkers of pain processing observed by peripheral nerve excitability testing (NET).. <i>Trials</i> , 2022 , 23, 163	2.8	0
2	Combination pharmacotherapy for tackling descending controls and central sensitization. <i>European Journal of Pain</i> , 2019 , 23, 1049-1050	3.7	
1	Assay sensitivity in clinical trials with chronic pain patients. <i>Pain</i> , 2012 , 153, 1136-1137	8	