

# Rolf-Detlef Treede

## List of Publications by Year in Descending Order

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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.

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	Review of techniques useful for the assessment of sensory small fiber neuropathies: Report from an IFCN expert group.. <i>Clinical Neurophysiology</i> , <b>2022</b> , 136, 13-38	4.3	1
118	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> , <b>2022</b> , 12,	3	2
117	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 (NPT).. <i>Trials</i> , <b>2022</b> , 23, 163	2.8	0
116	Pain sensitivities predict prophylactic treatment outcomes of flunarizine in chronic migraine patients: A prospective study.. <i>Cephalalgia</i> , <b>2022</b> , 3331024221080572	6.1	1
115	Mechanical Punctate Pain Thresholds in Patients With Migraine Across Different Migraine Phases: A Narrative Review.. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 801437	4.1	0
114	Classification of chronic pain for the International Classification of Diseases (ICD-11): results of the 2017 International WHO Field Testing. <i>Pain</i> , <b>2021</b> ,	8	6
113	Tenderness of the Skin after Chemical Stimulation of Underlying Temporal and Thoracolumbar Fasciae Reveals Somatosensory Crosstalk between Superficial and Deep Tissues. <i>Life</i> , <b>2021</b> , 11,	3	2
112	Spinal cord fractalkine (CX3CL1) signaling is critical for neuronal sensitization in experimental nonspecific, myofascial low back pain. <i>Journal of Neurophysiology</i> , <b>2021</b> , 125, 1598-1611	3.2	3
111	Human surrogate models of central sensitization: A critical review and practical guide. <i>European Journal of Pain</i> , <b>2021</b> , 25, 1389-1428	3.7	11
110	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> , <b>2021</b> , 22, 404	2.8	1
109	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> , <b>2021</b> ,	8	1
108	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> , <b>2021</b> , 25, 595-611	3.7	5
107	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> , <b>2021</b> , 6, e904	3.5	1
106	Reply to Goebel and Molloy. <i>Pain</i> , <b>2021</b> , 162, 322	8	1
105	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> , <b>2021</b> , 162, 1995-2001	8	4
104	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> , <b>2021</b> , 127, e173-e176	5.4	0
103	Classification algorithm for the International Classification of Diseases-11 chronic pain classification: development and results from a preliminary pilot evaluation. <i>Pain</i> , <b>2021</b> , 162, 2087-2096	8	4

102	Contribution of the P2X4 Receptor in Rat Hippocampus to the Comorbidity of Chronic Pain and Depression. <i>ACS Chemical Neuroscience</i> , <b>2020</b> , 11, 4387-4397	5.7	8
101	Mechanical punctate pain threshold is associated with headache frequency and phase in patients with migraine. <i>Cephalalgia</i> , <b>2020</b> , 40, 990-997	6.1	7
100	Challenges of neuropathic pain: focus on diabetic neuropathy. <i>Journal of Neural Transmission</i> , <b>2020</b> , 127, 589-624	4.3	53
99	Pain thresholds and intensities of CRPS type I and neuropathic pain in respect to sex. <i>European Journal of Pain</i> , <b>2020</b> , 24, 1058-1071	3.7	4
98	The capsaicin receptor TRPV1 is the first line defense protecting from acute non damaging heat: a translational approach. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 28	8.5	8
97	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> , <b>2020</b> , 69, 436-447	0.9	14
96	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> , <b>2020</b> , 5, e825	3.5	5
95	The IASP classification of chronic pain for ICD-11: functioning properties of chronic pain. <i>Pain</i> , <b>2019</b> , 160, 88-94	8	54
94	The IASP classification of chronic pain for ICD-11: chronic secondary headache or orofacial pain. <i>Pain</i> , <b>2019</b> , 160, 60-68	8	54
93	The IASP classification of chronic pain for ICD-11: chronic neuropathic pain. <i>Pain</i> , <b>2019</b> , 160, 53-59	8	228
92	Combination pharmacotherapy for tackling descending controls and central sensitization. <i>European Journal of Pain</i> , <b>2019</b> , 23, 1049-1050	3.7	
91	Effects of a Painful Stimulus on Stress Regulation in Male Patients With Borderline Personality Disorder: A Pilot Study. <i>Journal of Personality Disorders</i> , <b>2019</b> , 33, 394-412	2.6	0
90	Inflammatory and neuropathic pain conditions do not primarily evoke anxiety-like behaviours in C57BL/6 mice. <i>European Journal of Pain</i> , <b>2019</b> , 23, 285-306	3.7	15
89	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> , <b>2019</b> , 23, 1863-1878	3.7	3
88	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> , <b>2019</b> , 122, 632-643	3.2	4
87	Neural network-based alterations during repetitive heat pain stimulation in major depression. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 1033-1040	1.2	3
86	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> , <b>2019</b> , 17, Doc05	3.2	5
85	The role of quantitative sensory testing in the prediction of chronic pain. <i>Pain</i> , <b>2019</b> , 160 Suppl 1, S66-S69		37

84	The IASP classification of chronic pain for ICD-11: applicability in primary care. <i>Pain</i> , <b>2019</b> , 160, 83-87	8	26
83	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> , <b>2019</b> , 160, 19-27	8	624
82	The IASP classification of chronic pain for ICD-11: chronic primary pain. <i>Pain</i> , <b>2019</b> , 160, 28-37	8	282
81	The Inhibition by Guanfu Base A of Neuropathic Pain Mediated by P2Y Receptor in Dorsal Root Ganglia. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1318-1325	5.7	9
80	The IASP classification of chronic pain for ICD-11: chronic secondary visceral pain. <i>Pain</i> , <b>2019</b> , 160, 69-76	8	44
79	The IASP classification of chronic pain for ICD-11: chronic cancer-related pain. <i>Pain</i> , <b>2019</b> , 160, 38-44	8	71
78	The IASP classification of chronic pain for ICD-11: chronic secondary musculoskeletal pain. <i>Pain</i> , <b>2019</b> , 160, 77-82	8	75
77	The IASP classification of chronic pain for ICD-11: chronic postsurgical or posttraumatic pain. <i>Pain</i> , <b>2019</b> , 160, 45-52	8	151
76	SIGMA-1 Receptor Gene Variants Affect the Somatosensory Phenotype in Neuropathic Pain Patients. <i>Journal of Pain</i> , <b>2019</b> , 20, 201-214	5.2	8
75	Pathophysiological mechanisms of neuropathic pain: comparison of sensory phenotypes in patients and human surrogate pain models. <i>Pain</i> , <b>2018</b> , 159, 1090-1102	8	47
74	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> , <b>2018</b> , 3, e643	3.5	113
73	The Role of Sex in Sleep Deprivation Related Changes of Nociception and Conditioned Pain Modulation. <i>Neuroscience</i> , <b>2018</b> , 387, 191-200	3.9	25
72	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> , <b>2018</b> , 12, 161	3.5	4
71	Assessment of pain quality reveals distinct differences between nociceptive innervation of low back fascia and muscle in humans. <i>Pain Reports</i> , <b>2018</b> , 3, e662	3.5	17
70	Changes in birth-related pain perception impact of neurobiological and psycho-social factors. <i>Archives of Gynecology and Obstetrics</i> , <b>2018</b> , 297, 591-599	2.5	2
69	Variable transcriptional responsiveness of the P2X3 receptor gene during CFA-induced inflammatory hyperalgesia. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 3922-3935	4.7	5
68	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> , <b>2018</b> , 146, 191-201	7.4	20
67	Pilot field testing of the chronic pain classification for ICD-11: the results of ecological coding. <i>BMC Public Health</i> , <b>2018</b> , 18, 1239	4.1	20

66	Spinal cord stimulation modulates descending pain inhibition and temporal summation of pricking pain in patients with neuropathic pain. <i>Acta Neurochirurgica</i> , <b>2018</b> , 160, 2509-2519	3	13
65	Conditioned pain modulation in patients with nonspecific chronic back pain with chronic local pain, chronic widespread pain, and fibromyalgia. <i>Pain</i> , <b>2017</b> , 158, 430-439	8	52
64	Peripheral neuropathic pain: a mechanism-related organizing principle based on sensory profiles. <i>Pain</i> , <b>2017</b> , 158, 261-272	8	310
63	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. <i>Nature Reviews Neurology</i> , <b>2017</b> , 13, 624-638	15	147
62	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> , <b>2017</b> , 118, 2059-2069	3.2	13
61	Neurogenic hyperalgesia: illuminating its mechanisms with an infrared laser. <i>Journal of Physiology</i> , <b>2016</b> , 594, 6441-6442	3.9	2
60	Trigeminal neuralgia: New classification and diagnostic grading for practice and research. <i>Neurology</i> , <b>2016</b> , 87, 220-8	6.5	231
59	Cycloartanes from <i>Oxyanthus pallidus</i> and derivatives with analgesic activities. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 97	4.7	2
58	N-octanoyl dopamine treatment exerts renoprotective properties in acute kidney injury but not in renal allograft recipients. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 564-73	4.3	9
57	Duloxetine and 8-OH-DPAT, but not fluoxetine, reduce depression-like behaviour in an animal model of chronic neuropathic pain. <i>Neuroscience Letters</i> , <b>2016</b> , 619, 162-7	3.3	19
56	Detection of central circuits implicated in the formation of novel pain memories. <i>Journal of Pain Research</i> , <b>2016</b> , 9, 671-681	2.9	8
55	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> , <b>2016</b> , 157, 1799-1809	8	52
54	Neuropathic pain: an updated grading system for research and clinical practice. <i>Pain</i> , <b>2016</b> , 157, 1599-1606		536
53	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> , <b>2016</b> , 157, 750-758	8	59
52	Gain control mechanisms in the nociceptive system. <i>Pain</i> , <b>2016</b> , 157, 1199-1204	8	61
51	Electrical high-frequency stimulation of the human thoracolumbar fascia evokes long-term potentiation-like pain amplification. <i>Pain</i> , <b>2016</b> , 157, 2309-2317	8	25
50	The role of seeing blood in non-suicidal self-injury in female patients with borderline personality disorder. <i>Psychiatry Research</i> , <b>2016</b> , 246, 676-682	9.9	12
49	High-frequency modulation of rat spinal field potentials: effects of slowly conducting muscle vs. skin afferents. <i>Journal of Neurophysiology</i> , <b>2016</b> , 115, 692-700	3.2	7

48	Capsaicin-sensitive C- and A-fibre nociceptors control long-term potentiation-like pain amplification in humans. <i>Brain</i> , <b>2015</b> , 138, 2505-20	11.2	74
47	Distinct quantitative sensory testing profiles in nonspecific chronic back pain subjects with and without psychological trauma. <i>Pain</i> , <b>2015</b> , 156, 577-586	8	46
46	Characterizing pinprick-evoked brain potentials before and after experimentally induced secondary hyperalgesia. <i>Journal of Neurophysiology</i> , <b>2015</b> , 114, 2672-81	3.2	34
45	A classification of chronic pain for ICD-11. <i>Pain</i> , <b>2015</b> , 156, 1003-1007	8	1062
44	Sensory findings after stimulation of the thoracolumbar fascia with hypertonic saline suggest its contribution to low back pain. <i>Pain</i> , <b>2014</b> , 155, 222-231	8	69
43	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> , <b>2014</b> , 124, 290-6	3.9	57
42	Acetylsalicylic acid enhances tachyphylaxis of repetitive capsaicin responses in TRPV1-GFP expressing HEK293 cells. <i>Neuroscience Letters</i> , <b>2014</b> , 563, 101-6	3.3	6
41	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> , <b>2014</b> , 155, 1002-1015	8	124
40	Value of quantitative sensory testing in neurological and pain disorders: NeuPSIG consensus. <i>Pain</i> , <b>2013</b> , 154, 1807-1819	8	350
39	Injection of nerve growth factor into a low back muscle induces long-lasting latent hypersensitivity in rat dorsal horn neurons. <i>Pain</i> , <b>2013</b> , 154, 1953-1960	8	38
38	Interventional management of neuropathic pain: NeuPSIG recommendations. <i>Pain</i> , <b>2013</b> , 154, 2249-2268		264
37	Response to letter by Werner et al. <i>Pain</i> , <b>2013</b> , 154, 176-178	8	4
36	Sensory signs in complex regional pain syndrome and peripheral nerve injury. <i>Pain</i> , <b>2012</b> , 153, 765-774	8	142
35	Assay sensitivity in clinical trials with chronic pain patients. <i>Pain</i> , <b>2012</b> , 153, 1136-1137	8	
34	Nociceptive input from the rat thoracolumbar fascia to lumbar dorsal horn neurones. <i>European Journal of Pain</i> , <b>2011</b> , 15, 810-5	3.7	49
33	NeuPSIG guidelines on neuropathic pain assessment. <i>Pain</i> , <b>2011</b> , 152, 14-27	8	694
32	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> , <b>2011</b> , 152, 1532-1539	8	70
31	Recommendations for the pharmacological management of neuropathic pain: an overview and literature update. <i>Mayo Clinic Proceedings</i> , <b>2010</b> , 85, S3-14	6.4	896

30	Reference data for quantitative sensory testing (QST): refined stratification for age and a novel method for statistical comparison of group data. <i>Pain</i> , <b>2010</b> , 151, 598-605	8	323
29	Heat-induced action potential discharges in nociceptive primary sensory neurons of rats. <i>Journal of Neurophysiology</i> , <b>2009</b> , 102, 424-36	3.2	9
28	Assessment of neuropathic pain in primary care. <i>American Journal of Medicine</i> , <b>2009</b> , 122, S13-21	2.4	150
27	Pseudoradicular and radicular low-back pain--a disease continuum rather than different entities? Answers from quantitative sensory testing. <i>Pain</i> , <b>2008</b> , 135, 65-74	8	111
26	The Kyoto protocol of IASP Basic Pain Terminology. <i>Pain</i> , <b>2008</b> , 137, 473-477	8	624
25	The role of heterosynaptic facilitation in long-term potentiation (LTP) of human pain sensation. <i>Pain</i> , <b>2008</b> , 139, 507-519	8	59
24	How to detect a sensory abnormality. <i>European Journal of Pain</i> , <b>2008</b> , 12, 395-6	3.7	29
23	Modality-specific sensory changes in humans after the induction of long-term potentiation (LTP) in cutaneous nociceptive pathways. <i>Pain</i> , <b>2007</b> , 128, 254-263	8	59
22	Peripheral and central components of habituation of heat pain perception and evoked potentials in humans. <i>Pain</i> , <b>2007</b> , 132, 301-311	8	150
21	Pharmacologic management of neuropathic pain: evidence-based recommendations. <i>Pain</i> , <b>2007</b> , 132, 237-251	8	1436
20	Neural correlates of antinociception in borderline personality disorder. <i>Archives of General Psychiatry</i> , <b>2006</b> , 63, 659-67		220
19	Assessment of pain as an emotion in animals and in humans. <i>Experimental Neurology</i> , <b>2006</b> , 197, 1-3	5.7	14
18	Passing lanes and slow lanes into the nociceptive network of the human brain. <i>Pain</i> , <b>2006</b> , 123, 223-225	8	4
17	Perceptual correlate of nociceptive long-term potentiation (LTP) in humans shares the time course of early-LTP. <i>Journal of Neurophysiology</i> , <b>2006</b> , 96, 3551-5	3.2	43
16	Human surrogate models of neuropathic pain. <i>Pain</i> , <b>2005</b> , 115, 227-233	8	103
15	Human brain mechanisms of pain perception and regulation in health and disease. <i>European Journal of Pain</i> , <b>2005</b> , 9, 463-84	3.7	2053
14	Perceptual correlates of nociceptive long-term potentiation and long-term depression in humans. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 964-71	6.6	264
13	Secondary tactile hypoesthesia: a novel type of pain-induced somatosensory plasticity in human subjects. <i>Neuroscience Letters</i> , <b>2004</b> , 361, 136-9	3.3	79

12	Sensitivity of laser-evoked potentials versus somatosensory evoked potentials in patients with multiple sclerosis. <i>Clinical Neurophysiology</i> , <b>2003</b> , 114, 992-1002	4.3	43
11	Clinical usefulness of laser-evoked potentials. <i>Neurophysiologie Clinique</i> , <b>2003</b> , 33, 303-14	2.7	286
10	Inward currents in primary nociceptive neurons of the rat and pain sensations in humans elicited by infrared diode laser pulses. <i>Pain</i> , <b>2002</b> , 99, 145-55	8	41
9	Inactivation and tachyphylaxis of heat-evoked inward currents in nociceptive primary sensory neurones of rats. <i>Journal of Physiology</i> , <b>2000</b> , 528, 539-49	3.9	36
8	The pain inhibiting pain effect: an electrophysiological study in humans. <i>Brain Research</i> , <b>2000</b> , 862, 103-107	3.7	85
7	Inhibition of rapid heat responses in nociceptive primary sensory neurons of rats by vanilloid receptor antagonists. <i>Journal of Neurophysiology</i> , <b>1999</b> , 82, 2853-60	3.2	67
6	Secondary hyperalgesia and perceptual wind-up following intradermal injection of capsaicin in humans. <i>Pain</i> , <b>1998</b> , 74, 257-68	8	194
5	Myelinated mechanically insensitive afferents from monkey hairy skin: heat-response properties. <i>Journal of Neurophysiology</i> , <b>1998</b> , 80, 1082-93	3.2	174
4	Peripheral acute pain mechanisms. <i>Annals of Medicine</i> , <b>1995</b> , 27, 213-6	1.5	54
3	Dissociated secondary hyperalgesia in a subject with a large-fibre sensory neuropathy. <i>Pain</i> , <b>1993</b> , 53, 169-174	8	65
2	Peripheral and central mechanisms of cutaneous hyperalgesia. <i>Progress in Neurobiology</i> , <b>1992</b> , 38, 397-421	10.9	714
1	CO <sub>2</sub> laser radiant heat pulses activate C nociceptors in man. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1983</b> , 399, 155-6	4.6	57