

# H Richard Koerber

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,950  
citations

394421

19  
h-index

642732

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2023  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Functional Organization of Cutaneous Low-Threshold Mechanosensory Neurons. <i>Cell</i> , 2011, 147, 1615-1627.	28.9	602
2	Keratinocytes can modulate and directly initiate nociceptive responses. <i>ELife</i> , 2015, 4, .	6.0	147
3	TRPV1 Unlike TRPV2 Is Restricted to a Subset of Mechanically Insensitive Cutaneous Nociceptors Responding to Heat. <i>Journal of Pain</i> , 2008, 9, 298-308.	1.4	139
4	Mrgprd Enhances Excitability in Specific Populations of Cutaneous Murine Polymodal Nociceptors. <i>Journal of Neuroscience</i> , 2009, 29, 8612-8619.	3.6	135
5	Glial Cell Line-Derived Neurotrophic Factor Expression in Skin Alters the Mechanical Sensitivity of Cutaneous Nociceptors. <i>Journal of Neuroscience</i> , 2006, 26, 2981-2990.	3.6	111
6	Comprehensive phenotyping of group III and IV muscle afferents in mouse. <i>Journal of Neurophysiology</i> , 2013, 109, 2374-2381.	1.8	111
7	On the problem of lamination in the superficial dorsal horn of mammals: A reappraisal of the substantia gelatinosa in postnatal life. , 2000, 417, 88-102.		80
8	Central anatomy of individual rapidly adapting low-threshold mechanoreceptors innervating the hairy skin of newborn mice: Early maturation of hair follicle afferents. <i>Journal of Comparative Neurology</i> , 2001, 436, 304-323.	1.6	74
9	Sensitization of Cutaneous Nociceptors after Nerve Transection and Regeneration: Possible Role of Target-Derived Neurotrophic Factor Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 1636-1647.	3.6	73
10	Comprehensive phenotyping of sensory neurons using an ex vivo somatosensory system. <i>Physiology and Behavior</i> , 2002, 77, 589-594.	2.1	58
11	Overexpression of neurotrophin-3 enhances the mechanical response properties of slowly adapting type 1 afferents and myelinated nociceptors. <i>European Journal of Neuroscience</i> , 2007, 26, 1801-1812.	2.6	56
12	Prenatal development of rat primary afferent fibers: I. Peripheral projection. <i>Journal of Comparative Neurology</i> , 1995, 355, 589-600.	1.6	48
13	Cutaneous C-polymodal Fibers Lacking TRPV1 are Sensitized to Heat following Inflammation, but Fail to Drive Heat Hyperalgesia in the Absence of TPV1 Containing C-heat Fibers. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-58.	2.1	37
14	Distribution of functional opioid receptors in human dorsal root ganglion neurons. <i>Pain</i> , 2020, 161, 1636-1649.	4.2	37
15	Ultrastructural Analysis of Ectopic Synaptic Boutons Arising From Peripherally Regenerated Primary Afferent Fibers. <i>Journal of Neurophysiology</i> , 1999, 81, 1636-1644.	1.8	36
16	Unique Molecular Characteristics of Visceral Afferents Arising from Different Levels of the Neuraxis: Location of Afferent Somata Predicts Function and Stimulus Detection Modalities. <i>Journal of Neuroscience</i> , 2020, 40, 7216-7228.	3.6	32
17	Mrgprd Cre lineage neurons mediate optogenetic allodynia through an emergent polysynaptic circuit. <i>Pain</i> , 2021, 162, 2120-2131.	4.2	28
18	Single-cell q-PCR derived expression profiles of identified sensory neurons. <i>Molecular Pain</i> , 2019, 15, 174480691988449.	2.1	26

#	ARTICLE	IF	CITATIONS
19	Cutaneous TRPM8-expressing sensory afferents are a small population of neurons with unique firing properties. <i>Physiological Reports</i> , 2017, 5, e13234.	1.7	25
20	Maturation of Cutaneous Sensory Neurons From Normal and NGF-Overexpressing Mice. <i>Journal of Neurophysiology</i> , 2000, 83, 1722-1732.	1.8	24
21	Nicotine Evoked Currents in Human Primary Sensory Neurons. <i>Journal of Pain</i> , 2019, 20, 810-818.	1.4	23
22	Synaptic plasticity in the adult spinal dorsal horn: The appearance of new functional connections following peripheral nerve regeneration. <i>Experimental Neurology</i> , 2006, 200, 468-479.	4.1	18
23	Increased Expression of Transcription Factor SRY-box-Containing Gene 11 (Sox11) Enhances Neurite Growth by Regulating Neurotrophic Factor Responsiveness. <i>Neuroscience</i> , 2018, 382, 93-104.	2.3	16
24	Excess target-derived neurotrophin-3 alters the segmental innervation of the skin. <i>European Journal of Neuroscience</i> , 2001, 14, 411-418.	2.6	9