

Rudolf Glueckert

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,335
citations

394421

19
h-index

377865

34
g-index

56
all docs

56
docs citations

56
times ranked

1396
citing authors

#	ARTICLE	IF	CITATIONS
1	Phoenix auditory neurons as 3R cell model for high throughput screening of neurogenic compounds. <i>Hearing Research</i> , 2022, 414, 108391.	2.0	5
2	Signal Transduction Regulators in Axonal Regeneration. <i>Cells</i> , 2022, 11, 1537.	4.1	3
3	HCN channels in the mammalian cochlea: Expression pattern, subcellular location, and age-dependent changes. <i>Journal of Neuroscience Research</i> , 2021, 99, 699-728.	2.9	9
4	Spike Generators and Cell Signaling in the Human Auditory Nerve: An Ultrastructural, Super-Resolution, and Gene Hybridization Study. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 642211.	3.7	4
5	KLF4, Slug and EMT in Head and Neck Squamous Cell Carcinoma. <i>Cells</i> , 2021, 10, 539.	4.1	14
6	Sequential Indirect Dual Immunohistochemistry with Primary Rabbit Antibodies on Cochlear Sections Using an Intermediate Heat-Denaturation Step. <i>Current Protocols</i> , 2021, 1, e239.	2.9	0
7	ExplantAnalyzer: An advanced automated neurite outgrowth analysis evaluated by means of organotypic auditory neuron explant cultures. <i>Journal of Neuroscience Methods</i> , 2021, 363, 109341.	2.5	2
8	Characterization of epithelial cells, connective tissue cells and immune cells in human upper airway mucosa by immunofluorescence multichannel image cytometry: a pilot study. <i>Histochemistry and Cell Biology</i> , 2021, 155, 405-421.	1.7	7
9	Distribution of Immune Cells Including Macrophages in the Human Cochlea. <i>Frontiers in Neurology</i> , 2021, 12, 781702.	2.4	15
10	Early appearance of key transcription factors influence the spatiotemporal development of the human inner ear. <i>Cell and Tissue Research</i> , 2020, 379, 459-471.	2.9	11
11	Age-Dependency of Neurite Outgrowth in Postnatal Mouse Cochlear Spiral Ganglion Explants. <i>Brain Sciences</i> , 2020, 10, 580.	2.3	8
12	Human cochlear microanatomy – an electron microscopy and super-resolution structured illumination study and review. <i>Hearing, Balance and Communication</i> , 2020, 18, 256-269.	0.4	8
13	Finite element analysis and three-dimensional reconstruction of tonotopically aligned human auditory fiber pathways: A computational environment for modeling electrical stimulation by a cochlear implant based on micro-CT. <i>Hearing Research</i> , 2020, 393, 108001.	2.0	18
14	Vascular Supply of the Human Spiral Ganglion: Novel Three-Dimensional Analysis Using Synchrotron Phase-Contrast Imaging and Histology. <i>Scientific Reports</i> , 2020, 10, 5877.	3.3	15
15	Expression of Na/K-ATPase subunits in the human cochlea: a confocal and super-resolution microscopy study with special reference to auditory nerve excitation and cochlear implantation. <i>Uppsala Journal of Medical Sciences</i> , 2019, 124, 168-179.	0.9	13
16	Growth and cellular patterning during fetal human inner ear development studied by a correlative imaging approach. <i>BMC Developmental Biology</i> , 2019, 19, 11.	2.1	16
17	Brain-Derived Neurotrophin and TrkB in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 272.	4.1	8
18	Testing the Clinical Applicability of Resin Infiltration of Developmental Enamel Hypomineralization Lesions Using an In Vitro Model. <i>International Journal of Clinical Pediatric Dentistry</i> , 2019, 12, 126-132.	0.8	6

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19	Expression of trans-membrane serine protease 3 (TMPRSS3) in the human organ of Corti. <i>Cell and Tissue Research</i> , 2018, 372, 445-456.	2.9	15
20	Visualization of the Membranous Labyrinth and Nerve Fiber Pathways in Human and Animal Inner Ears Using MicroCT Imaging. <i>Frontiers in Neuroscience</i> , 2018, 12, 501.	2.8	30
21	Anatomical basis of drug delivery to the inner ear. <i>Hearing Research</i> , 2018, 368, 10-27.	2.0	54
22	Analysis of Vestibular Labyrinthine Geometry and Variation in the Human Temporal Bone. <i>Frontiers in Neuroscience</i> , 2018, 12, 107.	2.8	24
23	Nerve Growth Factor (NGF) Receptor Survival Axis in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1771.	4.1	23
24	Supernumerary human hair cells signs of regeneration or impaired development? A field emission scanning electron microscopy study. <i>Upsala Journal of Medical Sciences</i> , 2017, 122, 11-19.	0.9	15
25	Variable expressivity of TCTEX1D2 mutations and a possible pathogenic link of molar-incisor malformation to ciliary dysfunction. <i>Archives of Oral Biology</i> , 2017, 80, 222-228.	1.8	11
26	Molecular composition and distribution of gap junctions in the sensory epithelium of the human cochlea a super-resolution structured illumination microscopy (SR-SIM) study. <i>Upsala Journal of Medical Sciences</i> , 2017, 122, 160-170.	0.9	25
27	Surviving murine experimental sepsis affects the function and morphology of the inner ear. <i>Biology Open</i> , 2017, 6, 732-740.	1.2	6
28	Model-based Vestibular Afferent Stimulation: Modular Workflow for Analyzing Stimulation Scenarios in Patient Specific and Statistical Vestibular Anatomy. <i>Frontiers in Neuroscience</i> , 2017, 11, 713.	2.8	12
29	The Human Cochlear Battery Claudin-11 Barrier and Ion Transport Proteins in the Lateral Wall of the Cochlea. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 239.	2.9	64
30	Neurosensory Differentiation and Innervation Patterning in the Human Fetal Vestibular End Organs between the Gestational Weeks 8-12. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 111.	1.7	12
31	Localization of TrkB and p75 receptors in peritoneal and deep infiltrating endometriosis: an immunohistochemical study. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 43.	3.3	13
32	An Overview of Nanoparticle Based Delivery for Treatment of Inner Ear Disorders. <i>Methods in Molecular Biology</i> , 2016, 1427, 363-415.	0.9	31
33	Super-resolution structured illumination fluorescence microscopy of the lateral wall of the cochlea: the Connexin26/30 proteins are separately expressed in man. <i>Cell and Tissue Research</i> , 2016, 365, 13-27.	2.9	34
34	Development of the innervation of the human inner ear. <i>Developmental Neurobiology</i> , 2015, 75, 683-702.	3.0	18
35	Nanoparticle mediated drug delivery of rolipram to tyrosine kinase B positive cells in the inner ear with targeting peptides and agonistic antibodies. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 71.	3.4	24
36	Molecular organization and fine structure of the human tectorial membrane: is it replenished?. <i>Cell and Tissue Research</i> , 2015, 362, 513-527.	2.9	3

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37	The pre- and post-somatic segments of the human type I spiral ganglion neurons – Structural and functional considerations related to cochlear implantation. <i>Neuroscience</i> , 2015, 284, 470-482.	2.3	43
38	Possible role of gap junction intercellular channels and connexin 43 in satellite glial cells (SGCs) for preservation of human spiral ganglion neurons. <i>Cell and Tissue Research</i> , 2014, 355, 267-278.	2.9	37
39	Endocytic trafficking of silica nanoparticles in a cell line derived from the organ of Corti. <i>Nanomedicine</i> , 2013, 8, 239-252.	3.3	17
40	Impact of Morphometry, Myelination and Synaptic Current Strength on Spike Conduction in Human and Cat Spiral Ganglion Neurons. <i>PLoS ONE</i> , 2013, 8, e79256.	2.5	57
41	Human Cochlea: Anatomical Characteristics and their Relevance for Cochlear Implantation. <i>Anatomical Record</i> , 2012, 295, 1791-1811.	1.4	133
42	Morphometric classification and spatial organization of spiral ganglion neurons in the human cochlea: Consequences for single fiber response to electrical stimulation. <i>Neuroscience</i> , 2012, 214, 120-135.	2.3	19
43	Peptide-mediated targeting of liposomes to TrkB receptor-expressing cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 3475.	6.7	10
44	Distribution of P75 neurotrophin receptor in adult human cochlea – an immunohistochemical study. <i>Cell and Tissue Research</i> , 2012, 348, 407-415.	2.9	19
45	Activation of TrkB receptors by NGF ² mimetic peptide conjugated polymersome nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 271-274.	3.3	20
46	Histology and synchrotron radiation-based microtomography of the inner ear in a molecularly confirmed case of CHARGE syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 665-673.	1.2	34
47	Cell-specific targeting in the mouse inner ear using nanoparticles conjugated with a neurotrophin-derived peptide ligand: Potential tool for drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 390, 214-224.	5.2	88
48	Pelizaes Merzbacher disease: morphological analysis of the vestibulo-cochlear system. <i>Acta Oto-Laryngologica</i> , 2009, 129, 1395-1399.	0.9	7
49	Deafferentation-associated changes in afferent and efferent processes in the guinea pig cochlea and afferent regeneration with chronic intrasclerular brain-derived neurotrophic factor and acidic fibroblast growth factor. <i>Journal of Comparative Neurology</i> , 2008, 507, 1602-1621.	1.6	130
50	Inner ear histopathological findings in Alport syndrome. <i>Audiological Medicine</i> , 2007, 5, 129-137.	0.4	1
51	Structure and locomotion of adult in vitro regenerated spiral ganglion growth cones – A study using video microscopy and SEM. <i>Hearing Research</i> , 2006, 215, 97-107.	2.0	18
52	Ultrastructure of the normal human organ of Corti. New anatomical findings in surgical specimens. <i>Acta Oto-Laryngologica</i> , 2005, 125, 534-539.	0.9	7
53	The Human Spiral Ganglion: New Insights into Ultrastructure, Survival Rate and Implications for Cochlear Implants. <i>Audiology and Neuro-Otology</i> , 2005, 10, 258-273.	1.3	79
54	High resolution scanning electron microscopy of the human organ of Corti.. <i>Hearing Research</i> , 2005, 199, 40-56.	2.0	37