Daniel Bodmer

List of Publications by Year
in descending order

48 papers	1,241 citations	361413 20 h-index	377865 34 g-index
48 all docs	48 docs citations	48 times ranked	1598 citing authors

#	Article	IF	Citations
1	Htm1p, a mannosidaseâ€like protein, is involved in glycoprotein degradation in yeast. EMBO Reports, 2001, 2, 423-430.	4.5	234
2	Endocytic trafficking of neurotrophins in neural development. Trends in Cell Biology, 2012, 22, 266-273.	7.9	75
3	Wnt5a Mediates Nerve Growth Factor-Dependent Axonal Branching and Growth in Developing Sympathetic Neurons. Journal of Neuroscience, 2009, 29, 7569-7581.	3.6	74
4	Isoform-Specific Dephosphorylation of Dynamin1 by Calcineurin Couples Neurotrophin Receptor Endocytosis to Axonal Growth. Neuron, 2011, 70, 1085-1099.	8.1	72
5	EphA4 provides repulsive signals to developing cochlear ganglion neurites mediated through ephrinâ€B2 and â€B3. Journal of Comparative Neurology, 2003, 462, 90-100.	1.6	54
6	Rescue of auditory hair cells from aminoglycoside toxicity by Clostridium difficile toxin B, an inhibitor of the small GTPases Rho/Rac/Cdc42. Hearing Research, 2002, 172, 81-86.	2.0	51
7	RCAN1 links impaired neurotrophin trafficking to aberrant development of the sympathetic nervous system in Down syndrome. Nature Communications, 2015, 6, 10119.	12.8	50
8	Effects of peroxisome proliferator activated receptors (PPAR)-Î³ and -Î± agonists on cochlear protection from oxidative stress. PLoS ONE, 2017, 12, e0188596.	2.5	50
9	All Akt Isoforms (Akt1, Akt2, Akt3) Are Involved in Normal Hearing, but Only Akt2 and Akt3 Are Involved in Auditory Hair Cell Survival in the Mammalian Inner Ear. PLoS ONE, 2015, 10, e0121599.	2.5	46
10	NF-ÎºB is Required for Survival of Immature Auditory Hair Cells In Vitro. JARO - Journal of the Association for Research in Otolaryngology, 2005, 6, 260-268.	1.8	43
11	A study on the epidemiology of tinnitus in the United Kingdom . Clinical Epidemiology, 2019, Volume 11, 855-871.	3.0	41
12	Simvastatin protects auditory hair cells from gentamicin-induced toxicity and activates Akt signaling in vitro. BMC Neuroscience, 2011, 12, 114.	1.9	35
13	A Comparison of Postcochlear Implantation Speech Scores in an Adult Population. Laryngoscope, 2007, 117, 1408-1411.	2.0	34
14	Sesn2 gene ablation enhances susceptibility to gentamicin-induced hair cell death via modulation of AMPK/mTOR signaling. Cell Death Discovery, 2017, 3, 17024.	4.7	32
15	NF-kappaB-Dependent Apoptotic Hair Cell Death in the Auditory System. Audiology and Neuro-Otology, 2007, 12, 209-220.	1.3	26
16	Inner ear exosomes and their potential use as biomarkers. PLoS ONE, 2018, 13, e0198029.	2.5	25
17	Intended Near-Total Removal of Koos Grade IV Vestibular Schwannomas: Reconsidering the Treatment Paradigm. Neurosurgery, 2018, 82, 202-210.	1.1	24
18	Pasireotide protects mammalian cochlear hair cells from gentamicin ototoxicity by activating the PI3Kâ€“Akt pathway. Cell Death and Disease, 2019, 10, 110.	6.3	24

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19	Early gene expression in the organ of Corti exposed to gentamicin. Hearing Research, 2004, 195, 1-8.	2.0	21
20	Novel sounds as a psychophysiological measure of listening effort in older listeners with and without hearing loss. Clinical Neurophysiology, 2014, 125, 1030-1041.	1.5	21
21	Sesn2/AMPK/mTOR signaling mediates balance between survival and apoptosis in sensory hair cells under stress. Cell Death and Disease, 2017, 8, e3068-e3068.	6.3	20
22	Resveratrol Protects Auditory Hair Cells from Gentamicin Toxicity. Ear, Nose and Throat Journal, 2008, 87, 570-573.	0.8	19
23	Inhibition of mTOR by Rapamycin Results in Auditory Hair Cell Damage and Decreased Spiral Ganglion Neuron Outgrowth and Neurite FormationIn Vitro. BioMed Research International, 2015, 2015, 1-10.	1.9	17
24	Promyelocytic leukemia zinc finger protein localizes to the cochlear outer hair cells and interacts with prestin, the outer hair cell motor protein. Hearing Research, 2005, 204, 216-222.	2.0	15
25	Induction of mitophagy in the HEI-OC1 auditory cell line and activation of the Atg12/LC3 pathway in the organ of Corti. Hearing Research, 2018, 361, 52-65.	2.0	13
26	Somatostatin Receptor Types 1 and 2 in the Developing Mammalian Cochlea. Developmental Neuroscience, 2012, 34, 342-353.	2.0	12
27	Effects of age and task difficulty on ERP responses to novel sounds presented during a speech-perception-in-noise test. Clinical Neurophysiology, 2016, 127, 360-368.	1.5	12
28	Somatostatin and gentamicinâ€induced auditory hair cell loss. Laryngoscope, 2009, 119, 933-937.	2.0	11
29	Stress and Survival Pathways in the Mammalian Cochlea. Audiology and Neuro-Otology, 2010, 15, 282-290.	1.3	11
30	Metformin Protects Auditory Hair Cells from Gentamicin-Induced Toxicity in vitro. Audiology and Neuro-Otology, 2015, 20, 360-369.	1.3	11
31	Sodium-hydrogen exchanger 6 (NHE6) deficiency leads to hearing loss, via reduced endosomal signalling through the BDNF/Trk pathway. Scientific Reports, 2020, 10, 3609.	3.3	8
32	Pasireotide prevents nuclear factor of activated T cells nuclear translocation and acts as a protective agent in aminoglycosideâ€induced auditory hair cell loss. Journal of Neurochemistry, 2016, 139, 1113-1123.	3.9	7
33	A deep learning approach to quantify auditory hair cells. Hearing Research, 2021, 409, 108317.	2.0	7
34	Combination of antioxidants and NFAT (nuclear factor of activated T cells) inhibitor protects auditory hair cells from ototoxic insult. Journal of Neurochemistry, 2020, 154, 519-529.	3.9	6
35	Simvastatin Results in a Dose-Dependent Toxic Effect on Spiral Ganglion Neurons in anIn VitroOrganotypic Culture Assay. BioMed Research International, 2016, 2016, 1-7.	1.9	5
36	Role of Somatostatin Receptor-2 in Gentamicin-Induced Auditory Hair Cell Loss in the Mammalian Inner Ear. PLoS ONE, 2014, 9, e108146.	2.5	5

#	Article	IF	Citations
37	Lack of NHE6 and Inhibition of NKCC1 Associated With Increased Permeability in Blood Labyrinth Barrier-Derived Endothelial Cell Layer. Frontiers in Cellular Neuroscience, 2022, 16, 862119.	3.7	5
38	An update on drug design strategies to prevent acquired sensorineural hearing loss. Expert Opinion on Drug Discovery, 2017, 12, 1161-1167.	5.0	4
39	Functional and morphological analysis of different aminoglycoside treatment regimens inducing hearing loss in mice. Experimental and Therapeutic Medicine, 2019, 18, 1123-1130.	1.8	4
40	Pioglitazone Ameliorates Gentamicin Ototoxicity by Affecting the TLR and STAT Pathways in the Early Postnatal Organ of Corti. Frontiers in Cellular Neuroscience, 2020, 14, 566148.	3.7	4
41	A systematic nurse-led approach to withdrawal risk screening, prevention and treatment among inpatients with an alcohol use disorder in an ear, nose, throat and jaw surgery departmentâ€”A formative evaluation. Applied Nursing Research, 2017, 33, 155-163.	2.2	3
42	Multicenter Study Investigating Foreign Language Acquisition at School in Children, Adolescents, and Young Adults With Uni- or Bilateral Cochlear Implants in the Swiss German Population. Otology and Neurotology, 2020, 41, e580-e587.	1.3	3
43	Telmisartan Protects Auditory Hair Cells from Gentamicin-Induced Toxicity in vitro. Audiology and Neuro-Otology, 2020, 25, 297-308.	1.3	3
44	Balance Control during Stance and Gait after Cochlear Implant Surgery. Audiology and Neuro-Otology, 2018, 23, 165-172.	1.3	2
45	New aspects of inner ear research. British Journal of Hospital Medicine, 2004, 65, 392-395.	0.2	1
46	Tâ€cadherin in the mammalian cochlea. Laryngoscope, 2011, 121, 2228-2233.	2.0	1
47	Lung adenocarcinoma metastastic lesion in the internal auditory meatus. BMJ Case Reports, 2017, 2017, bcr-2017-222014.	0.5	0
48	Trafficking of Trk Receptors. Neuromethods, 2012, , 273-289.	0.3	0