Susan Shore

List of Publications by Year in Descending Order

45 papers	2,431 citations	24 h-index	48 g-index
48 ext. papers	2,794 ext. citations	4.6 avg, IF	5.39 L-index

#	Paper	IF	Citations
45	Olivocochlear projections contribute to superior intensity coding in cochlear nucleus small cells. *Journal of Physiology*, **2021**,	3.9	2
44	Bimodal Auditory Electrical Stimulation for the Treatment of Tinnitus: Preclinical and Clinical Studies. *Current Topics in Behavioral Neurosciences*, **2021**, 51, 295-323	3.4	2
43	Audiotactile interactions in the mouse cochlear nucleus. *Scientific Reports*, **2021**, 11, 6887	4.9	0
42	Inhibitory interneurons in a brainstem circuit adjust their inhibitory motifs to process multimodal input. *Journal of Physiology*, **2021**, 599, 631-645	3.9	1
41	Emerging Topics in the Behavioral Neuroscience of Tinnitus. *Current Topics in Behavioral Neurosciences*, **2021**, 51, 461-483	3.4	1
40	Noise Exposure Alters Glutamatergic and GABAergic Synaptic Connectivity in the Hippocampus and Its Relevance to Tinnitus. *Neural Plasticity*, **2021**, 2021, 8833087	3.3	4
39	Ventral cochlear nucleus bushy cells encode hyperacusis in guinea pigs. *Scientific Reports*, **2020**, 10, 20594	4.9	6
38	Multimodal Inputs to the Cochlear Nucleus and their Role in the Generation of Tinnitus **2019**, 222-244		
37	Mechanisms of Noise-Induced Tinnitus: Insights from Cellular Studies. *Neuron*, **2019**, 103, 8-20	13.9	47
36	Dorsal Cochlear Nucleus Fusiform-cell Plasticity is Altered in Salicylate-induced Tinnitus. *Neuroscience*, **2019**, 407, 170-181	3.9	12
35	Remodeling of cholinergic input to the hippocampus after noise exposure and tinnitus induction in Guinea pigs. *Hippocampus*, **2019**, 29, 669-682	3.5	17
34	Multisensory Integration Enhances Temporal Coding in Ventral Cochlear Nucleus Bushy Cells. *Journal of Neuroscience*, **2018**, 38, 2832-2843	6.6	11
33	Auditory-somatosensory bimodal stimulation desynchronizes brain circuitry to reduce tinnitus in guinea pigs and humans. *Science Translational Medicine*, **2018**, 10,	17.5	69
32	Multisensory activation of ventral cochlear nucleus D-stellate cells modulates dorsal cochlear nucleus principal cell spatial coding. *Journal of Physiology*, **2018**, 596, 4537-4548	3.9	8
31	Glutamatergic Projections to the Cochlear Nucleus are Redistributed in Tinnitus. *Neuroscience*, **2018**, 391, 91-103	3.9	15
30	The long-term impact of wheelchair delivery on the lives of people with disabilities in three countries of the world. *African Journal of Disability*, **2017**, 6, 344	1.3	6
29	Muscarinic acetylcholine receptors control baseline activity and Hebbian stimulus timing-dependent plasticity in fusiform cells of the dorsal cochlear nucleus. *Journal of Neurophysiology*, **2017**, 117, 1229-1238	3.2	16

28	Selective hair cell ablation and noise exposure lead to different patterns of changes in the cochlea and the cochlear nucleus. *Neuroscience*, **2016**, 332, 242-57	3.9	23
27	Maladaptive plasticity in tinnitus--triggers, mechanisms and treatment. *Nature Reviews Neurology*, **2016**, 12, 150-60	15	213
26	Increased Synchrony and Bursting of Dorsal Cochlear Nucleus Fusiform Cells Correlate with Tinnitus. *Journal of Neuroscience*, **2016**, 36, 2068-73	6.6	72
25	Tinnitus: Maladaptive auditory-somatosensory plasticity. *Hearing Research*, **2016**, 334, 20-9	3.9	54
24	Bimodal stimulus timing-dependent plasticity in primary auditory cortex is altered after noise exposure with and without tinnitus. *Journal of Neurophysiology*, **2015**, 114, 3064-75	3.2	35
23	NMDA Receptors Mediate Stimulus-Timing-Dependent Plasticity and Neural Synchrony in the Dorsal Cochlear Nucleus. *Frontiers in Neural Circuits*, **2015**, 9, 75	3.5	12
22	Transcutaneous induction of stimulus-timing-dependent plasticity in dorsal cochlear nucleus. *Frontiers in Systems Neuroscience*, **2015**, 9, 116	3.5	15
21	Stimulus-timing-dependent modifications of rate-level functions in animals with and without tinnitus. *Journal of Neurophysiology*, **2015**, 113, 956-70	3.2	13
20	Disruption of lateral olivocochlear neurons with a dopaminergic neurotoxin depresses spontaneous auditory nerve activity. *Neuroscience Letters*, **2014**, 582, 54-8	3.3	9
19	Stimulus timing-dependent plasticity in dorsal cochlear nucleus is altered in tinnitus. *Journal of Neuroscience*, **2013**, 33, 19647-56	6.6	78
18	Stimulus-timing dependent multisensory plasticity in the guinea pig dorsal cochlear nucleus. *PLoS ONE*, **2013**, 8, e59828	3.7	38
17	The impact of a low cost wheelchair on the quality of life of the disabled in the developing world. *Medical Science Monitor*, **2012**, 18, CR533-42	3.2	32
16	Gap prepulse inhibition and auditory brainstem-evoked potentials as objective measures for tinnitus in guinea pigs. *Frontiers in Systems Neuroscience*, **2012**, 6, 42	3.5	78
15	Somatosensory projections to cochlear nucleus are upregulated after unilateral deafness. *Journal of Neuroscience*, **2012**, 32, 15791-801	6.6	73
14	Noise overexposure alters long-term somatosensory-auditory processing in the dorsal cochlear nucleus--possible basis for tinnitus-related hyperactivity?. *Journal of Neuroscience*, **2012**, 32, 1660-71	6.6	124
13	Somatosensory inputs modify auditory spike timing in dorsal cochlear nucleus principal cells. *European Journal of Neuroscience*, **2011**, 33, 409-20	3.5	43
12	Ringing ears: the neuroscience of tinnitus. *Journal of Neuroscience*, **2010**, 30, 14972-9	6.6	386
11	Cochlear damage changes the distribution of vesicular glutamate transporters associated with auditory and nonauditory inputs to the cochlear nucleus. *Journal of Neuroscience*, **2009**, 29, 4210-7	6.6	93

10	Vessicular glutamate transporters 1 and 2 are differentially associated with auditory nerve and spinal trigeminal inputs to the cochlear nucleus. *Journal of Comparative Neurology*, **2007**, 500, 777-87	3.4	124
9	Neural mechanisms underlying somatic tinnitus. *Progress in Brain Research*, **2007**, 166, 107-23	2.9	94
8	Convergence of spinal trigeminal and cochlear nucleus projections in the inferior colliculus of the guinea pig. *Journal of Comparative Neurology*, **2006**, 495, 100-12	3.4	82
7	Projections from the trigeminal nuclear complex to the cochlear nuclei: a retrograde and anterograde tracing study in the guinea pig. *Journal of Neuroscience Research*, **2004**, 78, 901-7	4.4	114
6	Trigeminal ganglion innervates the auditory brainstem. *Journal of Comparative Neurology*, **2000**, 419, 271-85	3.4	160
5	Influence of centrifugal pathways on forward masking of ventral cochlear nucleus neurons. *Journal of the Acoustical Society of America*, **1998**, 104, 378-89	2.2	17
4	Connections between the cochlear nuclei in guinea pig. *Hearing Research*, **1992**, 62, 16-26	3.9	90
3	Unit responses in ventral cochlear nucleus reflect cochlear coding of rapid frequency sweeps. *Journal of the Acoustical Society of America*, **1987**, 82, 471-8	2.2	25
2	The effects of cochlear hypothermia on compound action potential tuning. *Journal of the Acoustical Society of America*, **1985**, 77, 590-8	2.2	37
1	High-synchrony cochlear compound action potentials evoked by rising frequency-swept tone bursts. *Journal of the Acoustical Society of America*, **1985**, 78, 1286-95	2.2	78