

# Diana Troiani

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,355  
citations

361413

20  
h-index

345221

36  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noise-Induced Hearing Loss (NIHL) as a Target of Oxidative Stress-Mediated Damage: Cochlear and Cortical Responses after an Increase in Antioxidant Defense. <i>Journal of Neuroscience</i> , 2013, 33, 4011-4023.	3.6	174
2	Pathogenesis of presbycusis in animal models: A review. <i>Experimental Gerontology</i> , 2011, 46, 413-425.	2.8	154
3	Targeting dysregulation of redox homeostasis in noise-induced hearing loss: Oxidative stress and ROS signaling. <i>Free Radical Biology and Medicine</i> , 2019, 135, 46-59.	2.9	115
4	Water-soluble Coenzyme Q10 formulation (Q-ter) promotes outer hair cell survival in a guinea pig model of noise induced hearing loss (NIHL). <i>Brain Research</i> , 2009, 1257, 108-116.	2.2	86
5	Cisplatin ototoxicity in the guinea pig: vestibular and cochlear damage. <i>Hearing Research</i> , 2003, 182, 56-64.	2.0	72
6	The dual role of curcumin and ferulic acid in counteracting chemoresistance and cisplatin-induced ototoxicity. <i>Scientific Reports</i> , 2020, 10, 1063.	3.3	66
7	Curcuma Longa (Curcumin) Decreases In Vivo Cisplatin-Induced Ototoxicity Through Heme Oxygenase-1 Induction. <i>Otology and Neurotology</i> , 2014, 35, e169-e177.	1.3	54
8	Protective Effects of $\hat{\alpha}$ -Tocopherol Against Gentamicin-induced Oto-vestibulo Toxicity: An Experimental Study. <i>Acta Oto-Laryngologica</i> , 2003, 123, 192-198.	0.9	49
9	Anti-oxidant and anti-inflammatory effects of caffeic acid: in vivo evidences in a model of noise-induced hearing loss. <i>Food and Chemical Toxicology</i> , 2020, 143, 111555.	3.6	46
10	Time evolution of noise induced oxidation in outer hair cells: Role of NAD(P)H and plasma membrane fluidity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2192-2202.	2.4	45
11	$\hat{\alpha}$ -Tocopherol protective effects on gentamicin ototoxicity: an experimental study. <i>International Journal of Audiology</i> , 2004, 43, 166-171.	1.7	44
12	Antioxidant protection against acoustic trauma by coadministration of idebenone and vitamin E. <i>NeuroReport</i> , 2008, 19, 277-281.	1.2	44
13	Cochlear Injury and Adaptive Plasticity of the Auditory Cortex. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 8.	3.4	37
14	Protective properties of idebenone in noise-induced hearing loss in the guinea pig. <i>NeuroReport</i> , 2006, 17, 857-861.	1.2	34
15	Pioglitazone Represents an Effective Therapeutic Target in Preventing Oxidative/Inflammatory Cochlear Damage Induced by Noise Exposure. <i>Frontiers in Pharmacology</i> , 2018, 9, 1103.	3.5	31
16	Anodal transcranial direct current stimulation affects auditory cortex plasticity in normal-hearing and noise-exposed rats. <i>Brain Stimulation</i> , 2018, 11, 1008-1023.	1.6	31
17	Noise induced hearing loss and vestibular dysfunction in the guinea pig. <i>International Journal of Audiology</i> , 2009, 48, 804-810.	1.7	24
18	Grafting and Early Expression of Growth Factors from Adipose-Derived Stem Cells Transplanted into the Cochlea, in a Guinea Pig Model of Acoustic Trauma. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 334.	3.7	22

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19	Early Noise-Induced Hearing Loss Accelerates Presbycusis Altering Aging Processes in the Cochlea. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 803973.	3.4	22
20	Therapeutic window for ferulic acid protection against noise-induced hearing loss in the guinea pig. <i>Acta Oto-Laryngologica</i> , 2011, 131, 419-427.	0.9	20
21	Efficacy of different routes of administration for Coenzyme Q10 formulation in noise-induced hearing loss: Systemic versus transtympanic modality. <i>Acta Oto-Laryngologica</i> , 2012, 132, 391-399.	0.9	20
22	The Antioxidant Effect of Rosmarinic Acid by Different Delivery Routes in the Animal Model of Noise-Induced Hearing Loss. <i>Otology and Neurotology</i> , 2018, 39, 378-386.	1.3	20
23	Vestibular compensation after hemilabyrinthectomy: Effects of trigeminal neurotomy. <i>Physiology and Behavior</i> , 1979, 22, 133-137.	2.1	17
24	Styrene targets sensory and neural cochlear function through the crossroad between oxidative stress and inflammation. <i>Free Radical Biology and Medicine</i> , 2021, 163, 31-42.	2.9	14
25	Trigeminal contribution to the head righting reflex†. <i>Physiology and Behavior</i> , 1981, 27, 157-160.	2.1	12
26	Post-processing analysis of transient-evoked otoacoustic emissions to detect 4 kHz-notch hearing impairment – a pilot study. <i>Medical Science Monitor</i> , 2011, 17, MT41-MT49.	1.1	12
27	Neuronal activity in the vestibular nuclei after trigeminal stimulation. <i>Experimental Neurology</i> , 1981, 72, 12-24.	4.1	11
28	Diazepam Enhances Cerebellar Inhibition on Vestibular Neurons. <i>Acta Oto-Laryngologica</i> , 1982, 93, 363-373.	0.9	10
29	Noise-Induced Cochlear Damage Involves PPAR Down-Regulation through the Interplay between Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2021, 10, 1188.	5.1	10
30	Cisplatin Chemotherapy and Cochlear Damage: Otoprotective and Chemosensitization Properties of Polyphenols. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 1229-1245.	5.4	9
31	Compensation of labyrinthine lesions: Effects of trigeminal neurotomy on vestibular field potentials. <i>Physiology and Behavior</i> , 1979, 23, 785-789.	2.1	8
32	Protective properties of antioxidant drugs in noise-induced hearing loss in the guinea pig. <i>Audiological Medicine</i> , 2008, 6, 271-277.	0.4	8
33	Head-body righting reflex from the supine position and preparatory eye movements. <i>Acta Oto-Laryngologica</i> , 2005, 125, 499-502.	0.9	6
34	Vittorio Marchi's Method of Staining Degenerating Nervous Fibers and the Tragedy of His Life. <i>Archives of Neurology</i> , 2005, 62, 321.	4.5	5
35	Optic nystagmus and vestibular nuclei: Unitary activity of vestibular neurons during nystagmus. <i>Experimental Neurology</i> , 1978, 60, 337-346.	4.1	3
36	Neural Discharge of Medial Geniculate Body Units and Single Semicircular Canal Stimulation. <i>Acta Oto-Laryngologica</i> , 1978, 85, 262-271.	0.9	3

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37	Trigeminal stimulation modulates vestibular unitary activity. <i>Experientia</i> , 1982, 38, 363-365.	1.2	3
38	A tribute to Italian physiologists of Jewish descent evicted during the persecution ordered by the Fascist Regime in 1938. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2007, 31, 123-128.	1.6	3
39	The work by Giulio Ceradini in explaining the mechanism of semilunar cardiac valve function. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2011, 35, 110-113.	1.6	3
40	Role of vestibular nuclei in "optical" nystagmus. <i>Neuroscience Letters</i> , 1981, 22, 63-68.	2.1	2
41	Eye instability induced by vestibular stimulation in rabbits. <i>NeuroReport</i> , 2001, 12, 1847-1850.	1.2	2
42	Eye Instability in the Rabbit Induced by Vestibular Stimulation in the Vertical Plane. <i>Acta Oto-Laryngologica</i> , 2003, 123, 129-132.	0.9	1
43	Low-frequency loud acoustic stimulation and goal-directed arm movements. <i>Acta Oto-Laryngologica</i> , 2004, 124, 395-399.	0.9	1
44	Role of antioxidant supplementation in preventing noise induced hearing loss. <i>Hearing, Balance and Communication</i> , 2015, 13, 160-165.	0.4	1
45	Spatial orientation of periodic alternating drift (PAD). <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2007, 16, 201-207.	2.0	1
46	Reticular potentials evoked by electrical stimulation of individual semicircular canals. <i>Experientia</i> , 1976, 32, 1551-1553.	1.2	0