

# Laura Astolfi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3971788/publications.pdf>

Version: 2024-02-01

46  
papers

1,098  
citations

516710

16  
h-index

434195

31  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation of adverse effects of cisplatin administration in patients affected by solid tumours: A retrospective evaluation. <i>Oncology Reports</i> , 2013, 29, 1285-1292.	2.6	173
2	Uniform mesoporous silica coated iron oxide nanoparticles as a highly efficient, nontoxic MRI contrast agent with tunable proton relaxivities. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 460-468.	0.8	113
3	Cisplatin-Induced Ototoxicity: Updates on Molecular Targets. <i>Trends in Molecular Medicine</i> , 2019, 25, 1123-1132.	6.7	104
4	Design, fabrication and characterization of composite piezoelectric ultrafine fibers for cochlear stimulation. <i>Materials and Design</i> , 2017, 122, 206-219.	7.0	57
5	Nanoparticle drug delivery systems for inner ear therapy: An overview. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 28-35.	3.0	45
6	Mitochondrial variability of sand smelt <i>Atherina boyeri</i> populations from north Mediterranean coastal lagoons. <i>Marine Ecology - Progress Series</i> , 2005, 297, 233-243.	1.9	44
7	Cochlear implant and inflammation reaction: Safety study of a new steroid-eluting electrode. <i>Hearing Research</i> , 2016, 336, 44-52.	2.0	40
8	Neurosecretion Competence. <i>Journal of Biological Chemistry</i> , 2002, 277, 36715-36724.	3.4	37
9	Cisplatin cytotoxicity in organ of corti-derived immortalized cells. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 1185-1197.	2.6	32
10	Ultrastructural effects of cisplatin on the inner ear and lateral line system of zebrafish ( <i>Danio rerio</i> ). <i>Journal of Cellular Biochemistry</i> , 2010, 100, 28-35.	2.8	29
11	Sensorineural hearing loss and ischemic injury: Development of animal models to assess vascular and oxidative effects. <i>Hearing Research</i> , 2015, 327, 58-68.	2.0	28
12	Lithium niobate nanoparticles as biofunctional interface material for inner ear devices. <i>Biointerphases</i> , 2020, 15, 031004.	1.6	28
13	Cochlear implants and drug delivery: <i>In vitro</i> evaluation of dexamethasone release. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 267-273.	3.4	23
14	A Soft-Surgery Approach to Minimize Hearing Damage Caused by the Insertion of a Cochlear Implant Electrode. <i>Otology and Neurotology</i> , 2014, 35, 1440-1445.	1.3	21
15	Coenzyme Q10 plus Multivitamin Treatment Prevents Cisplatin Ototoxicity in Rats. <i>PLoS ONE</i> , 2016, 11, e0162106.	2.5	21
16	Immune Response After Cochlear Implantation. <i>Frontiers in Neurology</i> , 2020, 11, 341.	2.4	20
17	Tana1, a new putatively active Tc1-like transposable element in the genome of sturgeons. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 223-232.	2.7	17
18	Regenerative medicine in hearing recovery. <i>Cytotherapy</i> , 2017, 19, 909-915.	0.7	17

#	ARTICLE	IF	CITATIONS
19	A new oral otoprotective agent. Part 1: Electrophysiology data from protection against noise-induced hearing loss. <i>Medical Science Monitor</i> , 2012, 18, BR1-BR8.	1.1	17
20	Association between idiopathic hearing loss and mitochondrial DNA mutations: A study on 169 hearing-impaired subjects. <i>International Journal of Molecular Medicine</i> , 2013, 32, 785-794.	4.0	16
21	Karyotype-Phenotype Correlation in Partial Trisomies of the Short Arm of Chromosome 6: A Family Case Report and Review of the Literature. <i>Cytogenetic and Genome Research</i> , 2013, 141, 243-259.	1.1	15
22	Cochlear implantation in post-lingually deafened adults and elderly patients: analysis of audiometric and speech perception outcomes during the first year of use. <i>Acta Otorhinolaryngologica Italica</i> , 2016, 36, 513-519.	1.5	14
23	Effectiveness of micronized nasal irrigations with hyaluronic acid/isotonic saline solution in non-polypoid chronic rhinosinusitis: A prospective, randomized, double-blind, controlled study. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102502.	1.3	13
24	Decellularized normal and cancer tissues as tools for cancer research. <i>Cancer Gene Therapy</i> , 2022, 29, 879-888.	4.6	13
25	Otoprotection and inner ear regeneration. <i>Audiological Medicine</i> , 2008, 6, 170-175.	0.4	12
26	Evaluation of toxicity of glycerol monooleate nanoparticles on PC12 cell line. <i>International Journal of Pharmaceutics</i> , 2018, 539, 23-30.	5.2	12
27	Human mesenchymal stromal cell therapy for damaged cochlea repair in nod-scid mice deafened with kanamycin. <i>Cytotherapy</i> , 2018, 20, 189-203.	0.7	12
28	Outcome of SARS CoV-2 inpatients treated with convalescent plasma: One-year of data from the Veneto region (Italy) Registry. <i>European Journal of Internal Medicine</i> , 2022, 97, 42-49.	2.2	12
29	OC-k3 cells, an <i>in vitro</i> model for cochlear implant biocompatibility. <i>Hearing, Balance and Communication</i> , 2015, 13, 166-174.	0.4	11
30	Hydrogen peroxide toxicity on auditory cells: An <i>in vitro</i> study. <i>Chemico-Biological Interactions</i> , 2021, 345, 109575.	4.0	11
31	<i>In vitro</i> protective effects of Ginkgo biloba against cisplatin toxicity in mouse cell line Ock3. <i>Audiological Medicine</i> , 2008, 6, 251-258.	0.4	10
32	Neuron Compatibility and Antioxidant Activity of Barium Titanate and Lithium Niobate Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1761.	4.1	10
33	Ethanol extract from <i>Hemidesmus indicus</i> (Linn) displays otoprotectant activities on organotypic cultures without interfering on gentamicin uptake. <i>Journal of Chemical Neuroanatomy</i> , 2007, 34, 128-133.	2.1	9
34	Novel mutations in the SLC26A4 gene. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 1249-1254.	1.0	9
35	Polydimethylsiloxanes biocompatibility in PC12 neuronal cell line. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 400-406.	5.0	8
36	Upper and Lower Respiratory Signs and Symptoms in Workers Occupationally Exposed to Flour Dust. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7075.	2.6	6

#	ARTICLE	IF	CITATIONS
37	Biocompatibility of glycerol monooleate nanoparticles as tested on inner ear cells. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118788.	5.2	5
38	Nuclear expression of onco-suppressors nm23-H1 and maspin are associated with lower recurrence rate in laryngeal carcinoma. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2019, 40, 224-229.	1.3	5
39	Speech perception in noise by young sequential bilingual children. <i>Acta Otorhinolaryngologica Italica</i> , 2018, 38, 536-543.	1.5	4
40	Impact of COVID-19 pandemic in the activity of a Therapeutic Apheresis unit in Italy. <i>Transfusion and Apheresis Science</i> , 2020, 59, 102925.	1.0	4
41	Cisplatin ototoxicity and role of antioxidant on its prevention. <i>Hearing, Balance and Communication</i> , 2020, 18, 234-241.	0.4	4
42	“Venice marathon” participation of female Master Athletes shows a constant increase from 2003 to 2019. <i>European Journal of Translational Myology</i> , 2021, 31, .	1.7	4
43	Morphological and functional structure of the inner ear: Its relation to Ménière's disease. <i>Audiological Medicine</i> , 2012, 10, 160-166.	0.4	3
44	Temporal Bone Squamous Cell Carcinoma: Molecular Markers Involved in Carcinogenesis, Behavior, and Prognosis: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4536.	4.1	3
45	Hair phenotype in non-syndromic deafness. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 1280-1285.	1.0	2
46	Stem Cells and Nanotechnology. , 2020, , 271-300.		0