

# CITATION REPORT

List of articles citing

Neurotoxicity of oxaliplatin and cisplatin for dorsal root ganglion neurons correlates with platinum-DNA binding

DOI: 10.1016/j.neuro.2006.04.010  
NeuroToxicology, 2006, 27, 992-1002.

**Source:** <https://exaly.com/paper-pdf/39907117/citation-report.pdf>

**Version:** 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
253	Repair capacity for platinum-DNA adducts determines the severity of cisplatin-induced peripheral neuropathy. <b>2007</b> , 27, 9451-7		121
252	Development of a liquid chromatography-electrospray ionization tandem mass spectrometry method for detecting oxaliplatin-DNA intrastrand cross-links in biological samples. <b>2007</b> , 20, 1177-82		24
251	Phenoxodiol protects against Cisplatin induced neurite toxicity in a PC-12 cell model. <b>2007</b> , 8, 61		16
250	A study of oxaliplatin-nucleobase interactions using ion trap electrospray mass spectrometry. <b>2008</b> , 391, 2339-48		13
249	The application of inductively coupled plasma mass spectrometry in clinical pharmacological oncology research. <b>2008</b> , 27, 67-100		74
248	Chemotherapy-induced neuropathy. <b>2008</b> , 13, 27-46		471
247	Up-regulation of apoptosis and regeneration genes in the dorsal root ganglia during cisplatin treatment. <b>2008</b> , 210, 368-74		22
246	Alpha-lipoic acid prevents mitochondrial damage and neurotoxicity in experimental chemotherapy neuropathy. <b>2008</b> , 214, 276-84		134
245	Implications of apurinic/apyrimidinic endonuclease in reactive oxygen signaling response after cisplatin treatment of dorsal root ganglion neurons. <b>2008</b> , 68, 6425-34		97
244	Evaluation tools and animal models of peripheral neuropathies. <b>2008</b> , 5, 72-108		11
243	Platinum neurotoxicity pharmacogenetics. <b>2009</b> , 8, 10-6		417
242	Prolactin confers resistance against cisplatin in breast cancer cells by activating glutathione-S-transferase. <b>2009</b> , 30, 1298-304		47
241	Acute abnormalities of sensory nerve function associated with oxaliplatin-induced neurotoxicity. <b>2009</b> , 27, 1243-9		125
240	Oxaliplatin-induced neuropathy in the rat: involvement of oxalate in cold hyperalgesia but not mechanical allodynia. <b>2009</b> , 147, 165-74		136
239	Neuronal expression of copper transporter 1 in rat dorsal root ganglia: association with platinum neurotoxicity. <b>2009</b> , 64, 847-56		44
238	Oxaliplatin neurotoxicity--no general ion channel surface-charge effect. <b>2009</b> , 8, 2		13
237	Thermal hyperalgesia as a marker of oxaliplatin neurotoxicity: a prospective quantified sensory assessment study. <b>2009</b> , 144, 245-252		140

236	Oxaliplatin-induced loss of phosphorylated heavy neurofilament subunit neuronal immunoreactivity in rat DRG tissue. <b>2009</b> , 5, 66		22
235	Mice with cisplatin and oxaliplatin-induced painful neuropathy develop distinct early responses to thermal stimuli. <b>2009</b> , 5, 9		105
234	[The current state of the drugs for the treatment of peripheral neuropathy induced by anticancer drugs]. <b>2010</b> , 136, 275-9		0
233	Multichanneled collagen conduits for peripheral nerve regeneration: design, fabrication, and characterization. <b>2010</b> , 16, 1585-96		59
232	Recombinant human erythropoietin counteracts cisplatin-induced visceral hyperalgesia. <b>2010</b> , 26, 282-8		2
231	Upregulations of P2X(3) and ASIC3 involve in hyperalgesia induced by cisplatin administration in rats. <b>2010</b> , 149, 393-405		54
230	Transient Receptor Potential Vanilloid 1 is essential for cisplatin-induced heat hyperalgesia in mice. <b>2010</b> , 6, 15		134
229	Neurotoxicity of cancer chemotherapy. <b>2010</b> , 30, 273-86		20
228	The role of oxidative stress and anti-oxidant treatment in platinum-induced peripheral neurotoxicity. <b>2010</b> , 10, 670-82		54
227	Chemotherapy-induced peripheral neurotoxicity. <b>2010</b> , 6, 657-66		204
226	Rho kinase inhibitor Y-27632 facilitates recovery from experimental peripheral neuropathy induced by anti-cancer drug cisplatin. <i>NeuroToxicology</i> , <b>2010</b> , 31, 188-94	4-4	15
225	Sensitization of capsaicin and icilin responses in oxaliplatin treated adult rat DRG neurons. <b>2010</b> , 6, 82		76
224	Involvement of substance P in peripheral neuropathy induced by paclitaxel but not oxaliplatin. <b>2011</b> , 337, 226-35		40
223	Chemotherapy-induced peripheral neuropathies: from clinical relevance to preclinical evidence. <b>2011</b> , 10, 407-17		91
222	Selective cytotoxicity against human osteosarcoma cells by a novel synthetic C-1 analogue of 7-deoxypancratistatin is potentiated by curcumin. <i>PLoS ONE</i> , <b>2011</b> , 6, e28780	3-7	27
221	Cisplatin induced mitochondrial DNA damage in dorsal root ganglion neurons. <b>2011</b> , 41, 661-8		202
220	Determination of PtDNA adducts and the sub-cellular distribution of Pt in human cancer cell lines and the leukocytes of cancer patients, following mono- or combination treatments, by inductively-coupled plasma mass spectrometry. <b>2011</b> , 307, 70-78		21
219	Functional deficits in peripheral nerve mitochondria in rats with paclitaxel- and oxaliplatin-evoked painful peripheral neuropathy. <b>2011</b> , 232, 154-61		186

218	<i>Drosophila melanogaster</i> : a new model to study cisplatin-induced neurotoxicity. <b>2011</b> , 43, 330-7	30
217	Prevention of oxaliplatin-induced mechanical allodynia and neurodegeneration by neurotrophin in the rat model. <b>2011</b> , 15, 344-50	54
216	Drug transporters in chemotherapy induced peripheral neurotoxicity: current knowledge and clinical implications. <b>2011</b> , 18, 329-41	12
215	Calcium and magnesium prophylaxis for oxaliplatin-related neurotoxicity: is it a trade-off between drug efficacy and toxicity?. <b>2011</b> , 16, 1780-3	14
214	Oxaliplatin transport mediated by organic cation/carnitine transporters OCTN1 and OCTN2 in overexpressing human embryonic kidney 293 cells and rat dorsal root ganglion neurons. <b>2011</b> , 338, 537-47	103
213	Complications associated with chemotherapy in testicular cancer management. <b>2011</b> , 8, 213-22	42
212	Neurological complications of chemotherapy to the peripheral nervous system. <b>2012</b> , 105, 917-36	2
211	The Role of DNA Damage and Repair in Neurotoxicity Caused by Cancer Therapies. <b>2012</b> , 283-299	5
210	Ataxias related to sensory neuropathies. <b>2012</b> , 103, 605-17	3
209	Krüppel-like factor 11 differentially couples to histone acetyltransferase and histone methyltransferase chromatin remodeling pathways to transcriptionally regulate dopamine D2 receptor in neuronal cells. <b>2012</b> , 287, 12723-35	31
208	Interactions of oxaliplatin with the cytoplasmic thiol containing ligand glutathione. <b>2012</b> , 4, 1308-20	22
207	Walnut consumption protects rats against cisplatin-induced neurotoxicity. <i>NeuroToxicology</i> , <b>2012</b> , 33, 1314-21	4.4 54
206	Schisandrin B, attenuates cisplatin-induced oxidative stress, genotoxicity and neurotoxicity through modulating NF- $\kappa$ B pathway in mice. <b>2012</b> , 46, 50-60	41
205	Peripheral neuropathies from chemotherapeutics and targeted agents: diagnosis, treatment, and prevention. <b>2012</b> , 14 Suppl 4, iv45-54	269
204	Oxaliplatin-induced neuropathy: oxidative stress as pathological mechanism. Protective effect of silibinin. <b>2012</b> , 13, 276-84	127
203	The effect of monosialotetrahexosylganglioside (GM1) in prevention of oxaliplatin induced neurotoxicity: a retrospective study. <b>2012</b> , 66, 279-84	13
202	Acute cold hypersensitivity characteristically induced by oxaliplatin is caused by the enhanced responsiveness of TRPA1 in mice. <b>2012</b> , 8, 55	133
201	Impairment of retrograde neuronal transport in oxaliplatin-induced neuropathy demonstrated by molecular imaging. <i>PLoS ONE</i> , <b>2012</b> , 7, e45776	3.7 13

200	Chemotherapy-induced polyneuropathy. Part I. Pathophysiology. <b>2012</b> , 16, 72-8		16
199	Duloxetine improves oxaliplatin-induced neuropathy in patients with colorectal cancer: an open-label pilot study. <b>2012</b> , 20, 1491-7		46
198	Chemotherapy-induced peripheral neurotoxicity (CIPN): an update. <b>2012</b> , 82, 51-77		350
197	Mechanisms in cancer-chemotherapeutic drugs-induced peripheral neuropathy. <b>2012</b> , 291, 1-9		239
196	Nicotine is a pain reliever in trauma- and chemotherapy-induced neuropathy models. <b>2013</b> , 711, 87-94		15
195	Curcumin reduces cisplatin-induced neurotoxicity in NGF-differentiated PC12 cells. <i>NeuroToxicology</i> , <b>2013</b> , 34, 205-11	4.4	62
194	Emerging trends in understanding chemotherapy-induced peripheral neuropathy. <b>2013</b> , 17, 364		38
193	Morphologic features and glial activation in rat oxaliplatin-dependent neuropathic pain. <b>2013</b> , 14, 1585-600		122
192	The contribution of satellite glial cells to chemotherapy-induced neuropathic pain. <b>2013</b> , 17, 571-80		125
191	A prospective validation pharmacogenomic study in the adjuvant setting of colorectal cancer patients treated with the 5-fluorouracil/leucovorin/oxaliplatin (FOLFOX4) regimen. <b>2013</b> , 13, 403-9		57
190	Neoechinulin A suppresses amyloid- $\beta$ oligomer-induced microglia activation and thereby protects PC-12 cells from inflammation-mediated toxicity. <i>NeuroToxicology</i> , <b>2013</b> , 35, 30-40	4.4	37
189	Ultrasound assessment of oxaliplatin-induced neuropathy and correlations with neurophysiologic findings. <b>2013</b> , 20, 188-92		21
188	Contributions of rat Ctr1 to the uptake and toxicity of copper and platinum anticancer drugs in dorsal root ganglion neurons. <b>2013</b> , 85, 207-15		30
187	Bortezomib alters microtubule polymerization and axonal transport in rat dorsal root ganglion neurons. <i>NeuroToxicology</i> , <b>2013</b> , 39, 124-31	4.4	70
186	Cisplatin-induced neurotoxicity in vivo can be alleviated by riboflavin under photoillumination. <b>2013</b> , 28, 160-8		17
185	Role of calcium and magnesium infusion in prevention of oxaliplatin neurotoxicity. A phase III trial. <b>2013</b> , 12, 232-236		6
184	Ca/Mg infusions for the prevention of oxaliplatin-related neurotoxicity in patients with colorectal cancer: a meta-analysis. <b>2013</b> , 24, 171-8		31
183	Platinum compounds in children with cancer: toxicity and clinical management. <b>2013</b> , 24, 1007-19		90

182	Chemotherapy-induced peripheral neurotoxicity: a critical analysis. <b>2013</b> , 63, 419-37		410
181	Ototoxic Model of Oxaliplatin and Protection from Nicotinamide Adenine Dinucleotide. <b>2013</b> , 8, 63-71		7
180	An automated climbing apparatus to measure chemotherapy-induced neurotoxicity in <i>Drosophila melanogaster</i> . <b>2013</b> , 7, 187-92		14
179	Persistent hyperalgesia in the cisplatin-treated mouse as defined by threshold measures, the conditioned place preference paradigm, and changes in dorsal root ganglia activated transcription factor 3: the effects of gabapentin, ketorolac, and etanercept. <b>2013</b> , 116, 224-31		55
178	[Evidence from basic studies on mechanisms and treatment drugs for oxaliplatin-induced peripheral neuropathy]. <b>2013</b> , 141, 66-70		1
177	Pathobiology of cancer chemotherapy-induced peripheral neuropathy (CIPN). <i>Frontiers in Pharmacology</i> , <b>2013</b> , 4, 156	5.6	157
176	Effects of oxaliplatin on mouse myenteric neurons and colonic motility. <b>2013</b> , 7, 30		42
175	Role of the DNA base excision repair protein, APE1 in cisplatin, oxaliplatin, or carboplatin induced sensory neuropathy. <i>PLoS ONE</i> , <b>2014</b> , 9, e106485	3.7	68
174	Neutralization of schwann cell-secreted VEGF is protective to in vitro and in vivo experimental diabetic neuropathy. <i>PLoS ONE</i> , <b>2014</b> , 9, e108403	3.7	22
173	Chemotherapy-induced peripheral neuropathy in adults: a comprehensive update of the literature. <b>2014</b> , 6, 135-47		179
172	Chemotherapy-induced peripheral neurotoxicity (CIPN): what we need and what we know. <b>2014</b> , 19, 66-76		36
171	In-situ detection of neurotransmitter release from PC12 cells using Surface Enhanced Raman Spectroscopy. <b>2014</b> , 19, 1069-1076		12
170	A descriptive study of persistent oxaliplatin-induced peripheral neuropathy in patients with colorectal cancer. <b>2014</b> , 22, 513-8		24
169	Selenium partially prevents cisplatin-induced neurotoxicity: a preliminary study. <i>NeuroToxicology</i> , <b>2014</b> , 42, 71-5	4.4	15
168	Therapeutic strategies for cancer treatment related peripheral neuropathies. <b>2014</b> , 15, 567-80		22
167	Kinetics and mechanistic investigation into the possible activation of imidazolium trans-[tetrachloridodimethylsulfoxideimidazolruthenate(III)], NAMI-A, by 2-mercaptoethane sulfonate. <b>2014</b> , 43, 12943-51		7
166	Analgesic effects of clinically used compounds in novel mouse models of polyneuropathy induced by oxaliplatin and cisplatin. <b>2014</b> , 16, 1324-32		34
165	Pharmacogenetic predictors of severe peripheral neuropathy in colon cancer patients treated with oxaliplatin-based adjuvant chemotherapy: a GEMCAD group study. <b>2014</b> , 25, 398-403		39

164	Oxaliplatin induced-neuropathy in digestive tumors. <b>2014</b> , 89, 166-78		33
163	Neurotoxicity induced by antineoplastic proteasome inhibitors. <i>NeuroToxicology</i> , <b>2014</b> , 43, 28-35	4-4	38
162	Characterization of acute and chronic neuropathies induced by oxaliplatin in mice and differential effects of a novel mitochondria-targeted antioxidant on the neuropathies. <b>2014</b> , 120, 459-73		43
161	Neuropathic cancer pain: What we are dealing with? How to manage it?. <b>2014</b> , 7, 599-618		23
160	Role of platinum DNA damage-induced transcriptional inhibition in chemotherapy-induced neuronal atrophy and peripheral neurotoxicity. <b>2015</b> , 135, 1099-112		24
159	Drug-induced neuropathies. <b>2015</b> , 4, 284-288		
158	Mitochondrial Dysfunction in Chemotherapy-Induced Peripheral Neuropathy (CIPN). <i>Toxics</i> , <b>2015</b> , 3, 198-223	4-7	91
157	Current View in Platinum Drug Mechanisms of Peripheral Neurotoxicity. <i>Toxics</i> , <b>2015</b> , 3, 304-321	4-7	27
156	Modulation of neurotrophic signaling pathways by polyphenols. <b>2016</b> , 10, 23-42		114
155	Riboflavin Arrests Cisplatin-Induced Neurotoxicity by Ameliorating Cellular Damage in Dorsal Root Ganglion Cells. <b>2015</b> , 2015, 603543		8
154	Mitochondrial Dysfunction on the Toxic Effects of Anticancer Agents From Lab Bench to Bedside. <b>2015</b> ,		1
153	Impairment of cognitive function by chemotherapy: association with the disruption of phase-locking and synchronization in anterior cingulate cortex. <b>2015</b> , 8, 32		28
152	Candidate pathway-based genetic association study of platinum and platinum-taxane related toxicity in a cohort of primary lung cancer patients. <b>2015</b> , 349, 124-8		45
151	Mechanisms of distal axonal degeneration in peripheral neuropathies. <b>2015</b> , 596, 33-50		130
150	Platinum-based chemotherapy: gastrointestinal immunomodulation and enteric nervous system toxicity. <b>2015</b> , 308, G223-32		49
149	Mechanisms involved in the development of chemotherapy-induced neuropathy. <b>2015</b> , 5, 285-96		103
148	Oxaliplatin evokes P2X7-dependent glutamate release in the cerebral cortex: A pain mechanism mediated by Pannexin 1. <b>2015</b> , 97, 133-41		40
147	Platinum-induced neurotoxicity and preventive strategies: past, present, and future. <b>2015</b> , 20, 411-32		151

146	Naringin Abrogates Cisplatin-Induced Cognitive Deficits and Cholinergic Dysfunction Through the Down-Regulation of AChE Expression and iNOS Signaling Pathways in Hippocampus of Aged Rats. <b>2015</b> , 56, 349-62	39
145	The long-term impact of oxaliplatin chemotherapy on rodent cognition and peripheral neuropathy. <b>2015</b> , 291, 80-88	18
144	14th Annual Meeting of the Society for Experimental Biology: threading through scientific sessions for originality and novelty. <b>2015</b> , 14, 999-1008	1
143	Chemotherapy for Good-Risk Nonseminomatous Germ Cell Tumors: Current Concepts and Controversies. <b>2015</b> , 42, 347-57	3
142	APE1, the DNA base excision repair protein, regulates the removal of platinum adducts in sensory neuronal cultures by NER. <b>2015</b> , 779, 96-104	24
141	Inhibition of anandamide hydrolysis attenuates nociceptor sensitization in a murine model of chemotherapy-induced peripheral neuropathy. <b>2015</b> , 113, 1501-10	24
140	Chemotherapy-induced peripheral neuropathy: What do we know about mechanisms?. <b>2015</b> , 596, 90-107	245
139	The role of DNA damage and repair in toxicity to postmitotic cells caused by cancer therapies. <b>2016</b> , 383-428	2
138	Effects of Oxaliplatin Treatment on the Enteric Glial Cells and Neurons in the Mouse Ileum. <b>2016</b> , 64, 530-45	21
137	Comparison of oxaliplatin and paclitaxel-induced neuropathy (Alliance A151505). <b>2016</b> , 24, 5059-5068	50
136	Neurotoxicity to DRG neurons varies between rodent strains treated with cisplatin and bortezomib. <b>2016</b> , 362, 131-5	15
135	Teratogenic effect of cisplatin in rats and the protective role of sodium selenate. <b>2016</b> , 68, 277-87	3
134	Anti-apoptotic and anti-inflammatory effects of naringin on cisplatin-induced renal injury in the rat. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 243, 1-9	5 54
133	Chemotherapy-induced peripheral neuropathy: limitations in current prophylactic strategies and directions for future research. <b>2017</b> , 33, 981-984	9
132	Neurological Complications of Childhood Cancer. <b>2017</b> , 24, 60-69	2
131	Defective axonal transport: A common pathological mechanism in inherited and acquired peripheral neuropathies. <b>2017</b> , 105, 300-320	64
130	Effects of Hypericum perforatum extract on oxaliplatin-induced neurotoxicity: in vitro evaluations. <b>2017</b> , 72, 219-226	10
129	Neurophysiological and clinical outcomes in chemotherapy-induced neuropathy in cancer. <b>2017</b> , 128, 1166-1175	32



128	Editor's Highlight: Multiparametric Image Analysis of Rat Dorsal Root Ganglion Cultures to Evaluate Peripheral Neuropathy-Inducing Chemotherapeutics. <i>Toxicological Sciences</i> , <b>2017</b> , 156, 275-288	4.4	17
127	Ion channels and neuronal hyperexcitability in chemotherapy-induced peripheral neuropathy; cause and effect?. <b>2017</b> , 13, 1744806917714693		29
126	Synthesis, X-ray crystal structure, DNA/BSA binding, DNA cleavage and cytotoxicity studies of phenanthroline based copper(II)/zinc(II) complexes. <b>2017</b> , 30, 575-587		12
125	Carvedilol prevents functional deficits in peripheral nerve mitochondria of rats with oxaliplatin-evoked painful peripheral neuropathy. <b>2017</b> , 322, 97-103		27
124	Four mononuclear platinum(II) complexes: synthesis, DNA/BSA binding, DNA cleavage and cytotoxicity. <b>2017</b> , 30, 17-26		12
123	Neuroprotective effects and UPLC-Q-TOF/MS-based active components identification of external applied a novel Wen-Luo-Tong microemulsion. <b>2018</b> , 46, 1981-1991		5
122	Fit for Chemo: Nerves May Thank You. <b>2017</b> , 109,		0
121	Cisplatin induces mitochondrial deficits in <i>Drosophila</i> larval segmental nerve. <b>2017</b> , 97, 60-69		22
120	Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain. <b>2017</b> , 8, 1040		61
119	Characterisation of Immune and Neuroinflammatory Changes Associated with Chemotherapy-Induced Peripheral Neuropathy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170814	3.7	121
118	Platinum-induced neurotoxicity: A review of possible mechanisms. <b>2017</b> , 8, 329-335		76
117	Cisplatin-induced gastrointestinal toxicity: An update on possible mechanisms and on available gastroprotective strategies. <b>2018</b> , 827, 49-57		70
116	Neurological Complications of Chemotherapy. <b>2018</b> , 275-310		1
115	Axonal excitability changes and acute symptoms of oxaliplatin treatment: In vivo evidence for slowed sodium channel inactivation. <b>2018</b> , 129, 694-706		37
114	Cancer Chemotherapy in Early Life Significantly Alters the Maturation of Pain Processing. <b>2018</b> , 387, 214-229		4
113	Mechanisms Underlying the Regulation of HP1 by the NGF-PKA Signaling Pathway. <b>2018</b> , 8, 15077		2
112	Metastatic Colorectal Cancer in the Era of Personalized Medicine: A More Tailored Approach to Systemic Therapy. <b>2018</b> , 2018, 9450754		21
111	Peripheral neuropathy in children and adolescents treated for cancer. <b>2018</b> , 2, 744-754		22

110	An updated understanding of the mechanisms involved in chemotherapy-induced neuropathy. <b>2018</b> , 8, 363-375	36
109	Oxaliplatin induces pH acidification in dorsal root ganglia neurons. <b>2018</b> , 8, 15084	14
108	Thymoquinone prevents cisplatin neurotoxicity in primary DRG neurons. <i>NeuroToxicology</i> , <b>2018</b> , 69, 68-76.4	11
107	Possible association of CAG repeat polymorphism in KCNN3 encoding the potassium channel SK3 with oxaliplatin-induced neurotoxicity. <b>2018</b> , 82, 149-157	8
106	Effects of Oxaliplatin Treatment on the Myenteric Plexus Innervation and Glia in the Murine Distal Colon. <b>2018</b> , 66, 723-736	9
105	Rosmarinic Acid Mitigates Mitochondrial Dysfunction and Spinal Glial Activation in Oxaliplatin-induced Peripheral Neuropathy. <b>2018</b> , 55, 7463-7475	31
104	Ergothioneine ameliorates oxaliplatin-induced peripheral neuropathy in rats. <b>2018</b> , 207, 516-524	29
103	Oxaliplatin treatment impairs extension of sensory neuron neurites in vitro through miR-204 overexpression. <i>NeuroToxicology</i> , <b>2018</b> , 68, 91-100	4-4 7
102	Increase in Bacterial Resistance to Antibiotics after Cancer Therapy with Platinum-Based Drugs. <b>2018</b> , 52, 232-236	2
101	Gaps in Understanding Mechanism and Lack of Treatments: Potential Use of a Nonhuman Primate Model of Oxaliplatin-Induced Neuropathic Pain. <b>2018</b> , 2018, 1630709	5
100	Neuro- and nephroprotective effect of grape seed proanthocyanidin extract against carboplatin and thalidomide through modulation of inflammation, tumor suppressor protein p53, neurotransmitters, oxidative stress and histology. <b>2018</b> , 5, 568-578	23
99	Protective effect of ibuprofen in a rat model of chronic oxaliplatin-induced peripheral neuropathy. <b>2019</b> , 237, 2645-2651	4
98	Front and hind paw differential analgesic effects of amitriptyline, gabapentin, ibuprofen, and URB937 on mechanical and cold sensitivity in cisplatin-induced neuropathy. <b>2019</b> , 15, 1744806919874192	1
97	Synthesis and Structure of $\beta$ -Aminophosphate and Its Interaction with DNA/BSA. <i>Journal of Applied Spectroscopy</i> , <b>2019</b> , 86, 955-960	0.7
96	Molecular mechanisms of Cisplatin- induced placental toxicity and teratogenicity in rats and the ameliorating role of N-acetyl-cysteine. <b>2019</b> , 115, 105579	2
95	Skin platinum deposition in colorectal cancer patients following oxaliplatin-based therapy. <b>2019</b> , 84, 1195-1200	3
94	Chemokine Signaling in Chemotherapy-Induced Neuropathic Pain. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3 39
93	Recent Developments of Novel Pharmacologic Therapeutics for Prevention of Chemotherapy-Induced Peripheral Neuropathy. <b>2019</b> , 25, 6295-6301	35

92	Duloxetine, a Balanced Serotonin-Norepinephrine Reuptake Inhibitor, Improves Painful Chemotherapy-Induced Peripheral Neuropathy by Inhibiting Activation of p38 MAPK and NF- $\kappa$ B. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 365	5.6	26
91	Myelin. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> ,	3.6	1
90	Ameliorative effects of aqueous extract of Forsythiae suspensa fruits on oxaliplatin-induced neurotoxicity in vitro and in vivo. <b>2019</b> , 19, 339		4
89	The DNA damage response to transcription stress. <b>2019</b> , 20, 766-784		91
88	Dorsal root ganglion explants derived from chemotherapy-treated mice have reduced neurite outgrowth in culture. <b>2019</b> , 694, 14-19		12
87	Identification of drug transporters contributing to oxaliplatin-induced peripheral neuropathy. <b>2019</b> , 148, 373-385		31
86	Ginsenoside Rb1 ameliorates cisplatin-induced learning and memory impairments. <b>2019</b> , 43, 499-507		32
85	Toxic Peripheral Neuropathies: Agents and Mechanisms. <b>2020</b> , 48, 152-173		11
84	Are Ergothioneine Levels in Blood Associated with Chronic Peripheral Neuropathy in Colorectal Cancer Patients Who Underwent Chemotherapy?. <b>2020</b> , 72, 451-459		3
83	A Comparative Review of Chemotherapy-Induced Peripheral Neuropathy in In Vivo and In Vitro Models. <b>2020</b> , 48, 190-201		20
82	Pathogenesis of platinum-induced peripheral neurotoxicity: Insights from preclinical studies. <b>2020</b> , 325, 113141		20
81	Curcumin Alleviates Oxaliplatin-Induced Peripheral Neuropathic Pain through Inhibiting Oxidative Stress-Mediated Activation of NF- $\kappa$ B and Mitigating Inflammation. <b>2020</b> , 43, 348-355		22
80	Platinum-Based Drugs Cause Mitochondrial Dysfunction in Cultured Dorsal Root Ganglion Neurons. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
79	Enolate-forming compounds provide protection from platinum neurotoxicity. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 317, 108961	5	0
78	Depletion of senescent-like neuronal cells alleviates cisplatin-induced peripheral neuropathy in mice. <b>2020</b> , 10, 14170		12
77	Oxaliplatin-induced peripheral neuropathy: clinical features, mechanisms, prevention and treatment. <b>2021</b> , 268, 3269-3282		22
76	Neurotoxicity of antineoplastic drugs: Mechanisms, susceptibility, and neuroprotective strategies. <b>2020</b> , 65, 265-285		15
75	Metformin protects from oxaliplatin induced peripheral neuropathy in rats. <b>2020</b> , 8, 100048		10

74	The Use of the Selective Imidazoline I Receptor Agonist Carbophenylene as a Strategy for Neuropathic Pain Relief: Preclinical Evaluation in a Mouse Model of Oxaliplatin-Induced Neurotoxicity. <b>2020</b> , 17, 1005-1015		5
73	Lycopene protects against central and peripheral neuropathy by inhibiting oxaliplatin-induced ATF-6 pathway, apoptosis, inflammation and oxidative stress in brains and sciatic tissues of rats. <i>NeuroToxicology</i> , <b>2020</b> , 80, 29-40	4-4	23
72	The Mystery of "Metal Mouth" in Chemotherapy. <b>2020</b> , 45, 73-84		11
71	Characterization in Dual Activation by Oxaliplatin, a Platinum-Based Chemotherapeutic Agent of Hyperpolarization-Activated Cation and Electroporation-Induced Currents. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6-3	6
70	Cisplatin-induced peripheral neuropathy is associated with neuronal senescence-like response. <b>2021</b> , 23, 88-99		11
69	Platinum accumulation in the brain and alteration in the central regulation of cardiovascular and respiratory functions in oxaliplatin-treated rats. <b>2021</b> , 473, 107-120		1
68	Effects of the food additive monosodium glutamate on cisplatin-induced gastrointestinal dysmotility and peripheral neuropathy in the rat. <b>2021</b> , 33, e14020		0
67	Platinum accumulation in oxaliplatin-induced peripheral neuropathy. <b>2021</b> , 26, 35-42		3
66	The safety of current pharmacotherapeutic strategies for osteosarcoma. <b>2021</b> , 20, 427-438		1
65	The Role of Nucleotide Excision Repair in Cisplatin-Induced Peripheral Neuropathy: Mechanism, Prevention, and Treatment. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6-3	2
64	Sensory neuronopathies: new genes, new antibodies and new concepts. <b>2021</b> ,		3
63	Bio-funcional components in mushrooms, a health opportunity: Ergothionine and huitlacohe as recent trends. <b>2021</b> , 77, 104326		13
62	Cognitive complications of cancer and cancer-related treatments - Novel paradigms. <b>2021</b> , 749, 135720		3
61	Promoting Neuronal Outgrowth Using Ridged Scaffolds Coated with Extracellular Matrix Proteins. <b>2021</b> , 9,		4
60	Cisplatin-induced activation and functional modulation of satellite glial cells lead to cytokine-mediated modulation of sensory neuron excitability. <b>2021</b> , 341, 113695		3
59	Drug-Induced Peripheral Neuropathy: Diagnosis and Management. <b>2021</b> ,		0
58	Liposomalization of Oxaliplatin Exacerbates the Non-Liposomal Formulation-Induced Decrease of Sweet Taste Sensitivity in Rats. <b>2021</b> , 110, 3937-3945		1
57	Antioxidants Improve Oxaliplatin-Induced Peripheral Neuropathy in Tumor-Bearing Mice Model: Role of Spinal Cord Oxidative Stress and Inflammation. <b>2021</b> , 22, 996-1013		7

56	Chemotherapy and peripheral neuropathy. <b>2021</b> , 42, 4109-4121		4
55	Preventive Efficacy and Safety of Yiqi-Wenjing-Fang Granules on Oxaliplatin-Induced Peripheral Neuropathy: A Protocol for a Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial. <b>2021</b> , 2021, 5551568		
54	Dorsal root ganglion toll-like receptor 4 signaling contributes to oxaliplatin-induced peripheral neuropathy. <b>2021</b> ,		1
53	Comparative Analysis of Chemotherapy-Induced Peripheral Neuropathy in Bioengineered Sensory Nerve Tissue Distinguishes Mechanistic Differences in Early-Stage Vincristine-, Cisplatin-, and Paclitaxel-Induced Nerve Damage. <i>Toxicological Sciences</i> , <b>2021</b> , 180, 76-88	4.4	2
52	Drug-Induced Demyelinating Neuropathies. <i>Advances in Experimental Medicine and Biology</i> , <b>2019</b> , 1190, 357-369	3.6	2
51	Impact of pharmacological agents on mitochondrial function: a growing opportunity?. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 1757-1772	5.1	10
50	SIRT2 protects peripheral neurons from cisplatin-induced injury by enhancing nucleotide excision repair. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 2953-2965	15.9	17
49	Anticancer Drugs and the Nervous System. <i>CONTINUUM Lifelong Learning in Neurology</i> , <b>2020</b> , 26, 732-764		6
48	A novel and selective poly (ADP-ribose) polymerase inhibitor ameliorates chemotherapy-induced painful neuropathy. <i>PLoS ONE</i> , <b>2013</b> , 8, e54161	3.7	42
47	Exenatide Facilitates Recovery from Oxaliplatin-Induced Peripheral Neuropathy in Rats. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141921	3.7	20
46	[Clinical and electromyography characteristics of chemotherapy-induced polyneuropathy]. <i>Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova</i> , <b>2017</b> , 117, 59-66	0.4	2
45	Potential Therapeutic Benefits of Maintaining Mitochondrial Health in Peripheral Neuropathies. <i>Current Neuropharmacology</i> , <b>2016</b> , 14, 593-609	7.6	27
44	Insights into platinum-induced peripheral neuropathy-current perspective. <i>Neural Regeneration Research</i> , <b>2020</b> , 15, 1623-1630	4.5	9
43	Pistachio supplementation attenuates motor and cognition impairments induced by cisplatin or vincristine in rats. <i>Advanced Biomedical Research</i> , <b>2015</b> , 4, 92	1.2	14
42	Evaluation of Cisplatin Neurotoxicity in Cultured Rat Dorsal Root Ganglia via Cytosolic Calcium Accumulation. <i>Balkan Medical Journal</i> , <b>2016</b> , 33, 144-51	1.5	6
41	Cytotoxic activity and influence on acetylcholinesterase of series dinuclear platinum(II) complexes with aromatic nitrogen-containing heterocyclic bridging ligands: Insights in the mechanisms of action. <i>Chemico-Biological Interactions</i> , <b>2021</b> , 351, 109708	5	
40	Targeting strategies for oxaliplatin-induced peripheral neuropathy: clinical syndrome, molecular basis, and drug development. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2021</b> , 40, 331	12.8	3
39	Chemotherapy-Induced Peripheral Neuropathy: Epidemiology, Pathomechanisms and Treatment. <i>Oncology and Therapy</i> , <b>2021</b> , 9, 385-450	2.7	13

38	2D vs 3D morphological analysis of dorsal root ganglia in health and painful neuropathy. <i>European Journal of Histochemistry</i> , <b>2021</b> , 65,	2.1	1
37	Neurotoxic Effects of Pharmaceutical Agents IV: Cancer Chemotherapeutic Agents. <b>2009</b> , 372-381		1
36	Neurotoxicité biologique des traitements oncologiques: aspects précliniques et cliniques. <b>2010</b> , 223-234		
35	Pharmacological Approaches and Natural Products for Prevention of Chemotherapy-Induced Peripheral Neuropathy - A Review. <i>International Journal of Pharmacology Phytochemistry and Ethnomedicine</i> , 6, 47-53		1
34	Neurotoxicity Associated with Cancer Treatment. <b>2017</b> , 1-3		
33	Promoting neuronal outgrowth using ridged scaffolds coated with extracellular matrix proteins.		
32	Neurological Complications of Chemotherapy. <b>2020</b> , 329-340		0
31	Monosialotetrahexosylganglioside in the treatment of chronic oxaliplatin-induced peripheral neurotoxicity: TJMUCH-GI-001, a randomised controlled trial. <i>EClinicalMedicine</i> , <b>2021</b> , 41, 101157	11.3	1
30	Regenerative Therapies for Acquired Axonal Neuropathies. <b>2020</b> , 1-36		
29	APE1/Ref-1 - One Target with Multiple Indications: Emerging Aspects and New Directions. <i>Journal of Cellular Signaling</i> , <b>2021</b> , 2, 151-161	1	1
28	Considerations for a Reliable In Vitro Model of Chemotherapy-Induced Peripheral Neuropathy. <i>Toxics</i> , <b>2021</b> , 9,	4.7	0
27	2-Aminoethoxydiphenyl borate ameliorates functional and structural abnormalities in cisplatin-induced peripheral neuropathy.. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2021</b> , 70, 126909	4.1	0
26	Nutraceuticals for Prevention of Chemotherapy-Induced Peripheral Neuropathy. <b>2022</b> , 1222-1244		
25	Novel Mononuclear Zinc(II) Complex with Niacin: Crystal Structure, DNA/Protein Interaction, and Cytotoxicity Studies. <i>Journal of Applied Spectroscopy</i> , <b>2022</b> , 88, 1247-1256	0.7	
24	Silybin B exerts protective effect on cisplatin-induced neurotoxicity by alleviating DNA damage and apoptosis.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 288, 114938	5	0
23	Oxidative DNA Damage and Cisplatin Neurotoxicity Is Exacerbated by Inhibition of OGG1 Glycosylase Activity and APE1 Endonuclease Activity in Sensory Neurons.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	0
22	Mechanisms of Chemotherapy-Induced Neurotoxicity.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 750507	5.6	7
21	From Cancer Patient to Provider: An Autobiographical Case Report.. <i>Cureus</i> , <b>2021</b> , 13, e20764	1.2	

20	Pathological Mechanisms and Preventive Strategies of Oxaliplatin-Induced Peripheral Neuropathy.. <i>Frontiers in Pain Research</i> , <b>2021</b> , 2, 804260	1.4	○
19	Table_1.docx. <b>2019</b> ,		
18	Sulfonamides with hydroxyphenyl moiety: Synthesis, structure, physicochemical properties, and ability to form complexes with Rh(III) ion. <i>Polyhedron</i> , <b>2022</b> , 221, 115865	2.7	○
17	Prevention of anticancer therapy-induced neurotoxicity: Putting DNA damage in perspective.. <i>NeuroToxicology</i> , <b>2022</b> , 91, 1-10	4.4	○
16	Regenerative Therapies for Acquired Axonal Neuropathies. <i>Reference Series in Biomedical Engineering</i> , <b>2022</b> , 537-572		
15	Antioxidant and Neuroprotective Effect of a Grape Pomace Extract on Oxaliplatin-Induced Peripheral Neuropathy in Rats: Biochemical, Behavioral and Histopathological Evaluation. <i>Antioxidants</i> , <b>2022</b> , 11, 1062	7.1	2
14	The Role of Vascular-Immune Interactions in Modulating Chemotherapy Induced Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 13,	5.6	
13	Nicotinamide riboside alleviates cisplatin-induced peripheral neuropathy via SIRT2 activation. <i>Neuro-Oncology Advances</i> ,	0.9	
12	Emerging Approaches for the Management of Chemotherapy-Induced Peripheral Neuropathy (CIPN): Therapeutic Potential of the C5a/C5aR Axis.		○
11	Pretreatment with Zonisamide Mitigates Oxaliplatin-Induced Toxicity in Rat DRG Neurons and DRG NeuronSchwann Cell Co-Cultures. <b>2022</b> , 23, 9983		○
10	Emerging platinum(0) nanotherapeutics for efficient cancer therapy. <b>2022</b> , 352, 276-287		○
9	An in vitro microfluidic culture device for peripheral neurotoxicity prediction at low concentration based on deep learning.		○
8	Role of tubulin post-translational modifications in peripheral neuropathy. <b>2022</b> , 114274		○
7	An in vitro microfluidic culture device for peripheral neurotoxicity prediction at low concentrations based on deep learning. <b>2022</b> , 9, 203-209		○
6	Intranasal ondansetron microemulsion counteracting the adverse effects of cisplatin: animal study.		○
5	Oxaliplatin-Induced Damage to the Gastric Innervation: Role in Nausea and Vomiting. <b>2023</b> , 13, 276		○
4	Axonal degeneration in chemotherapy-induced peripheral neurotoxicity: clinical and experimental evidence. jnnp-2021-328323		○
3	Ozone in Chemotherapy-Induced Peripheral Neuropathy: Current State of Art, Possibilities, and Perspectives. <b>2023</b> , 24, 5279		○

- 2 Current understanding of chemotherapy-induced peripheral neuropathy (literature review). **2023**, 13, 10-21 ○
- 1 The Role of Intravesicular Proteins and the Protein Corona of Extracellular Vesicles in the Development of Drug-Induced Polyneuropathy. **2023**, 45, 3302-3314 ○