

# Guido Cavaletti

## List of Publications by Citations

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351  
papers

13,732  
citations

62  
h-index

99  
g-index

405  
ext. papers

15,781  
ext. citations

5.3  
avg, IF

6.3  
L-index

#	Paper	IF	Citations
351	Prevention and management of chemotherapy-induced peripheral neuropathy in survivors of adult cancers: American Society of Clinical Oncology clinical practice guideline. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 1941-67	2.2	788
350	Chemotherapy-induced peripheral neurotoxicity (CIPN): an update. <i>Critical Reviews in Oncology/Hematology</i> , <b>2012</b> , 82, 51-77	7	350
349	Peripheral neuropathies from chemotherapeutics and targeted agents: diagnosis, treatment, and prevention. <i>Neuro-Oncology</i> , <b>2012</b> , 14 Suppl 4, iv45-54	1	269
348	Frequency and clinical correlates of anti-neural IgM antibodies in neuropathy associated with IgM monoclonal gammopathy. <i>Annals of Neurology</i> , <b>1994</b> , 36, 416-24	9.4	237
347	Erythropoietin both protects from and reverses experimental diabetic neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 823-8	11.5	222
346	Effects of different schedules of oxaliplatin treatment on the peripheral nervous system of the rat. <i>European Journal of Cancer</i> , <b>2001</b> , 37, 2457-63	7.5	215
345	Chemotherapy-induced peripheral neurotoxicity. <i>Nature Reviews Neurology</i> , <b>2010</b> , 6, 657-66	15	204
344	The chemotherapy-induced peripheral neuropathy outcome measures standardization study: from consensus to the first validity and reliability findings. <i>Annals of Oncology</i> , <b>2013</b> , 24, 454-462	10.3	191
343	Bortezomib-induced peripheral neurotoxicity: a neurophysiological and pathological study in the rat. <i>Experimental Neurology</i> , <b>2007</b> , 204, 317-25	5.7	189
342	Chemotherapy-Induced Peripheral Neurotoxicity assessment: a critical revision of the currently available tools. <i>European Journal of Cancer</i> , <b>2010</b> , 46, 479-94	7.5	187
341	The Total Neuropathy Score as an assessment tool for grading the course of chemotherapy-induced peripheral neurotoxicity: comparison with the National Cancer Institute-Common Toxicity Scale. <i>Journal of the Peripheral Nervous System</i> , <b>2007</b> , 12, 210-5	4.7	175
340	Prevention and Management of Chemotherapy-Induced Peripheral Neuropathy in Survivors of Adult Cancers: ASCO Guideline Update. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 3325-3348	2.2	168
339	Progesterone and its derivatives are neuroprotective agents in experimental diabetic neuropathy: a multimodal analysis. <i>Neuroscience</i> , <b>2007</b> , 144, 1293-304	3.9	157
338	Intravenous immunoglobulin versus intravenous methylprednisolone for chronic inflammatory demyelinating polyradiculoneuropathy: a randomised controlled trial. <i>Lancet Neurology</i> , <b>2012</b> , 11, 493-502	24.1	153
337	Platinum-induced neurotoxicity and preventive strategies: past, present, and future. <i>Oncologist</i> , <b>2015</b> , 20, 411-32	5.7	151
336	Grading of chemotherapy-induced peripheral neurotoxicity using the Total Neuropathy Scale. <i>Neurology</i> , <b>2003</b> , 61, 1297-300	6.5	143
335	Clinical pattern and associations of oxaliplatin acute neurotoxicity: a prospective study in 170 patients with colorectal cancer. <i>Cancer</i> , <b>2013</b> , 119, 438-44	6.4	142

334	Experimental peripheral neuropathy induced in adult rats by repeated intraperitoneal administration of taxol. <i>Experimental Neurology</i> , <b>1995</b> , 133, 64-72	5.7	133
333	Paclitaxel and Cisplatin-induced neurotoxicity: a protective role of acetyl-L-carnitine. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 5756-67	12.9	128
332	Oxaliplatin-induced neurotoxicity is dependent on the organic cation transporter OCT2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 11199-204	11.5	125
331	Peripheral neuropathy during bortezomib treatment of multiple myeloma: a review of recent studies. <i>Leukemia and Lymphoma</i> , <b>2010</b> , 51, 1178-87	1.9	125
330	Intraepidermal nerve fiber density in rat foot pad: neuropathologic-neurophysiologic correlation. <i>Journal of the Peripheral Nervous System</i> , <b>2005</b> , 10, 202-8	4.7	122
329	Thalidomide sensory neurotoxicity: a clinical and neurophysiologic study. <i>Neurology</i> , <b>2004</b> , 62, 2291-3	6.5	121
328	Morphometric study of the sensory neuron and peripheral nerve changes induced by chronic cisplatin (DDP) administration in rats. <i>Acta Neuropathologica</i> , <b>1992</b> , 84, 364-71	14.3	120
327	Multi-center assessment of the Total Neuropathy Score for chemotherapy-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2006</b> , 11, 135-41	4.7	118
326	Distribution of paclitaxel within the nervous system of the rat after repeated intravenous administration. <i>NeuroToxicology</i> , <b>2000</b> , 21, 389-93	4.4	116
325	Physician-assessed and patient-reported outcome measures in chemotherapy-induced sensory peripheral neurotoxicity: two sides of the same coin. <i>Annals of Oncology</i> , <b>2014</b> , 25, 257-64	10.3	112
324	Peripheral neurotoxicity of taxol in patients previously treated with cisplatin. <i>Cancer</i> , <b>1995</b> , 75, 1141-50	6.4	108
323	Cisplatin-induced peripheral neurotoxicity is dependent on total-dose intensity and single-dose intensity. <i>Cancer</i> , <b>1992</b> , 69, 203-7	6.4	104
322	Morphological and morphometric analysis of paclitaxel and docetaxel-induced peripheral neuropathy in rats. <i>European Journal of Cancer</i> , <b>2005</b> , 41, 1460-6	7.5	101
321	Multimodal assessment of painful peripheral neuropathy induced by chronic oxaliplatin-based chemotherapy in mice. <i>Molecular Pain</i> , <b>2011</b> , 7, 29	3.4	98
320	Regional variation of Guillain-Barré syndrome. <i>Brain</i> , <b>2018</b> , 141, 2866-2877	11.2	96
319	Chemotherapy-induced peripheral neurotoxicity in the era of pharmacogenomics. <i>Lancet Oncology</i> , <b>2011</b> , 12, 1151-61	21.7	94
318	Early predictors of oxaliplatin-induced cumulative neuropathy in colorectal cancer patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, 392-8	5.5	91
317	Early predictors of peripheral neurotoxicity in cisplatin and paclitaxel combination chemotherapy. <i>Annals of Oncology</i> , <b>2004</b> , 15, 1439-42	10.3	83

316	Effect on the peripheral nervous system of the short-term intravenous administration of paclitaxel in the rat. <i>NeuroToxicology</i> , <b>1997</b> , 18, 137-45	4.4	83
315	Neurophysiological and neuropathological characterization of new murine models of chemotherapy-induced chronic peripheral neuropathies. <i>Experimental Neurology</i> , <b>2010</b> , 226, 301-9	5.7	79
314	Role of MAPKs in platinum-induced neuronal apoptosis. <i>NeuroToxicology</i> , <b>2009</b> , 30, 312-9	4.4	79
313	Protective effect of erythropoietin and its carbamylated derivative in experimental Cisplatin peripheral neurotoxicity. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 2607-12	12.9	79
312	Chemotherapy-induced peripheral neurotoxicity. <i>Current Opinion in Neurology</i> , <b>2015</b> , 28, 500-7	7.1	78
311	Bortezomib-induced painful neuropathy in rats: a behavioral, neurophysiological and pathological study in rats. <i>European Journal of Pain</i> , <b>2010</b> , 14, 343-50	3.7	78
310	Current status and future prospects for the treatment of chemotherapy-induced peripheral neurotoxicity. <i>European Journal of Cancer</i> , <b>2002</b> , 38, 1832-7	7.5	77
309	Comparison of neuropathy-inducing effects of eribulin mesylate, paclitaxel, and ixabepilone in mice. <i>Cancer Research</i> , <b>2011</b> , 71, 3952-62	10.1	76
308	Neuroprotective effects of a ligand of translocator protein-18 kDa (Ro5-4864) in experimental diabetic neuropathy. <i>Neuroscience</i> , <b>2009</b> , 164, 520-9	3.9	75
307	Effects of manidipine and delapril in hypertensive patients with type 2 diabetes mellitus: the delapril and manidipine for nephroprotection in diabetes (DEMAND) randomized clinical trial. <i>Hypertension</i> , <b>2011</b> , 58, 776-83	8.5	75
306	Mesenchymal stem cells neuronal differentiation ability: a real perspective for nervous system repair?. <i>Current Stem Cell Research and Therapy</i> , <b>2011</b> , 6, 82-92	3.6	75
305	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , <b>2016</b> , 7, 10880	17.4	74
304	ApoE-modified solid lipid nanoparticles: A feasible strategy to cross the blood-brain barrier. <i>Journal of Controlled Release</i> , <b>2017</b> , 249, 103-110	11.7	73
303	Antibodies of the anti-Yo and anti-Ri type in the absence of paraneoplastic neurological syndromes: a long-term survey of ovarian cancer patients. <i>Journal of Neurology</i> , <b>1997</b> , 244, 85-9	5.5	73
302	Glutamate transporters in platelets: EAAT1 decrease in aging and in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 149-57	5.6	72
301	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 300-10	6.3	71
300	Voltage-gated sodium channel polymorphisms play a pivotal role in the development of oxaliplatin-induced peripheral neurotoxicity: results from a prospective multicenter study. <i>Cancer</i> , <b>2013</b> , 119, 3570-7	6.4	69
299	Tubulin: a target for antineoplastic drugs into the cancer cells but also in the peripheral nervous system. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 1315-24	4.3	69

298	Neuroactive steroids and peripheral neuropathy. <i>Brain Research Reviews</i> , <b>2008</b> , 57, 460-9		69
297	Neuroactive steroid levels are modified in cerebrospinal fluid and plasma of post-finasteride patients showing persistent sexual side effects and anxious/depressive symptomatology. <i>Journal of Sexual Medicine</i> , <b>2013</b> , 10, 2598-603	1.1	68
296	Interventions for preventing neuropathy caused by cisplatin and related compounds. <i>Cochrane Database of Systematic Reviews</i> , <b>2011</b> , CD005228		67
295	Atypical CIDP: diagnostic criteria, progression and treatment response. Data from the Italian CIDP Database. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 125-132	5.5	67
294	Cisplatin-induced DNA-platination in experimental dorsal root ganglia neuronopathy. <i>NeuroToxicology</i> , <b>1999</b> , 20, 883-7	4.4	67
293	Activation of the liver X receptor increases neuroactive steroid levels and protects from diabetes-induced peripheral neuropathy. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 11896-901	6.6	66
292	Efficacy of a Novel Sigma-1 Receptor Antagonist for Oxaliplatin-Induced Neuropathy: A Randomized, Double-Blind, Placebo-Controlled Phase IIa Clinical Trial. <i>Neurotherapeutics</i> , <b>2018</b> , 15, 178-189	6.4	63
291	Neuropeptides and morphological changes in cisplatin-induced dorsal root ganglion neuronopathy. <i>Experimental Neurology</i> , <b>1996</b> , 138, 93-104	5.7	63
290	Chemotherapy-induced neuropathy. <i>Current Treatment Options in Neurology</i> , <b>2011</b> , 13, 180-90	4.4	62
289	Clinical presentation and outcome of Guillain-Barré and related syndromes in relation to anti-ganglioside antibodies. <i>Journal of the Neurological Sciences</i> , <b>1999</b> , 168, 78-84	3.2	62
288	Systemic anticancer therapy-induced peripheral and central neurotoxicity: ESMO-EONS-EANO Clinical Practice Guidelines for diagnosis, prevention, treatment and follow-up. <i>Annals of Oncology</i> , <b>2020</b> , 31, 1306-1319	10.3	62
287	Carboplatin toxic effects on the peripheral nervous system of the rat. <i>Annals of Oncology</i> , <b>1998</b> , 9, 443-7	10.3	61
286	Acute myeloid leukemia in Italian patients with multiple sclerosis treated with mitoxantrone. <i>Neurology</i> , <b>2011</b> , 77, 1887-95	6.5	59
285	Interventions for preventing neuropathy caused by cisplatin and related compounds. <i>The Cochrane Library</i> , <b>2014</b> , CD005228	5.2	58
284	Frequency and time to relapse after discontinuing 6-month therapy with IVIg or pulsed methylprednisolone in CIDP. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2015</b> , 86, 729-34	5.5	57
283	Neurotoxicity of platinum compounds: comparison of the effects of cisplatin and oxaliplatin on the human neuroblastoma cell line SH-SY5Y. <i>Journal of Neuro-Oncology</i> , <b>2004</b> , 67, 65-73	4.8	57
282	Peripheral neurotoxicity of oxaliplatin in combination with 5-fluorouracil (FOLFOX) or capecitabine (XELOX): a prospective evaluation of 150 colorectal cancer patients. <i>Annals of Oncology</i> , <b>2012</b> , 23, 3116-3122	10.3	56
281	International Guillain-Barré Syndrome Outcome Study: protocol of a prospective observational cohort study on clinical and biological predictors of disease course and outcome in Guillain-Barré syndrome. <i>Journal of the Peripheral Nervous System</i> , <b>2017</b> , 22, 68-76	4.7	55

280	Patients treated for male pattern hair with finasteride show, after discontinuation of the drug, altered levels of neuroactive steroids in cerebrospinal fluid and plasma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 146, 74-9	5.1	55
279	Glutamate carboxypeptidase inhibition reduces the severity of chemotherapy-induced peripheral neurotoxicity in rat. <i>Neurotoxicity Research</i> , <b>2010</b> , 17, 380-91	4.3	55
278	Protective effects of glutathione on cisplatin neurotoxicity in rats. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1994</b> , 29, 771-6	4	55
277	Neuroactive steroid levels and psychiatric and andrological features in post-finasteride patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 171, 229-235	5.1	54
276	Bortezomib-induced painful peripheral neuropathy: an electrophysiological, behavioral, morphological and mechanistic study in the mouse. <i>PLoS ONE</i> , <b>2013</b> , 8, e72995	3.7	54
275	The role of oxidative stress and anti-oxidant treatment in platinum-induced peripheral neurotoxicity. <i>Current Cancer Drug Targets</i> , <b>2010</b> , 10, 670-82	2.8	54
274	Cisplatin-induced peripheral neuropathy: neuroprotection by erythropoietin without affecting tumour growth. <i>European Journal of Cancer</i> , <b>2007</b> , 43, 710-7	7.5	54
273	The incidence and course of paraneoplastic neuropathy in women with epithelial ovarian cancer. <i>Journal of Neurology</i> , <b>1991</b> , 238, 371-4	5.5	53
272	Paclitaxel toxicity in post-mitotic dorsal root ganglion (DRG) cells. <i>Anticancer Research</i> , <b>2006</b> , 26, 1065-70.	3	53
271	Chemotherapy-induced peripheral neurotoxicity can be misdiagnosed by the National Cancer Institute Common Toxicity scale. <i>Journal of the Peripheral Nervous System</i> , <b>2011</b> , 16, 228-36	4.7	52
270	Testosterone derivatives are neuroprotective agents in experimental diabetic neuropathy. <i>Cellular and Molecular Life Sciences</i> , <b>2007</b> , 64, 1158-68	10.3	52
269	Bortezomib-induced peripheral neurotoxicity: an update. <i>Archives of Toxicology</i> , <b>2014</b> , 88, 1669-79	5.8	51
268	Docetaxel-induced peripheral neuropathy: protective effects of dihydroprogesterone and progesterone in an experimental model. <i>Journal of the Peripheral Nervous System</i> , <b>2009</b> , 14, 36-44	4.7	51
267	Comparison of oxaliplatin and paclitaxel-induced neuropathy (Alliance A151505). <i>Supportive Care in Cancer</i> , <b>2016</b> , 24, 5059-5068	3.9	50
266	Effect of trans-resveratrol on signal transduction pathways involved in paclitaxel-induced apoptosis in human neuroblastoma SH-SY5Y cells. <i>Neurochemistry International</i> , <b>2003</b> , 42, 419-29	4.4	50
265	Chemotherapy-induced peripheral neurotoxicity: management informed by pharmacogenetics. <i>Nature Reviews Neurology</i> , <b>2017</b> , 13, 492-504	15	48
264	Lowering plasma 1-deoxysphingolipids improves neuropathy in diabetic rats. <i>Diabetes</i> , <b>2015</b> , 64, 1035-45.	5.9	48
263	Long-term course of oxaliplatin-induced polyneuropathy: a prospective 2-year follow-up study. <i>Journal of the Peripheral Nervous System</i> , <b>2014</b> , 19, 299-306	4.7	48

262	Retinoic acid differentiated SH-SY5Y human neuroblastoma cells: an in vitro model to assess drug neurotoxicity. <i>Anticancer Research</i> , <b>1998</b> , 18, 2477-81	2.3	48
261	Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 10088-100	6.6	47
260	Role of a pre-existing neuropathy on the course of bortezomib-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2008</b> , 13, 267-74	4.7	47
259	Effect of recombinant human nerve growth factor on cisplatin neurotoxicity in rats. <i>Experimental Neurology</i> , <b>1999</b> , 159, 551-8	5.7	47
258	NGF protects dorsal root ganglion neurons from oxaliplatin by modulating JNK/Sapk and ERK1/2. <i>Neuroscience Letters</i> , <b>2010</b> , 486, 141-5	3.3	46
257	Vitamin E intake and quality of life in amyotrophic lateral sclerosis patients: a follow-up case series study. <i>Neurological Sciences</i> , <b>2006</b> , 27, 190-3	3.5	46
256	Recent development, applications, and perspectives of mesoporous silica particles in medicine and biotechnology. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 3054-63	4.3	45
255	Effect on the peripheral nervous system of systemically administered dimethylsulfoxide in the rat: a neurophysiological and pathological study. <i>Toxicology Letters</i> , <b>2000</b> , 118, 103-7	4.4	45
254	Weekly cisplatin +/- glutathione in relapsed ovarian carcinoma. <i>International Journal of Gynecological Cancer</i> , <b>1995</b> , 5, 81-86	3.5	45
253	Evaluation of tubulin polymerization and chronic inhibition of proteasome as citotoxicity mechanisms in bortezomib-induced peripheral neuropathy. <i>Cell Cycle</i> , <b>2014</b> , 13, 612-21	4.7	44
252	Experimental cisplatin neuronopathy in rats and the effect of retinoic acid administration. <i>Journal of Neuro-Oncology</i> , <b>1998</b> , 36, 31-40	4.8	44
251	The glutamatergic neurotransmission in the central nervous system. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 1269-76	4.3	43
250	Trial designs for chemotherapy-induced peripheral neuropathy prevention: ACTION recommendations. <i>Neurology</i> , <b>2018</b> , 91, 403-413	6.5	42
249	Neuroprotective effects of progesterone in chronic experimental autoimmune encephalomyelitis. <i>Journal of Neuroendocrinology</i> , <b>2012</b> , 24, 851-61	3.8	42
248	Expression and distribution of 'high affinity' glutamate transporters GLT1, GLAST, EAAC1 and of GCP11 in the rat peripheral nervous system. <i>Journal of Anatomy</i> , <b>2008</b> , 213, 539-46	2.9	42
247	A multicenter, randomized, double-blind, placebo-controlled trial of long-term ascorbic acid treatment in Charcot-Marie-Tooth disease type 1A (CMT-TRIAAL): the study protocol [EudraCT no.: 2006-000032-27]. <i>Pharmacological Research</i> , <b>2006</b> , 54, 436-41	10.2	42
246	The Italian multiple sclerosis register. <i>Neurological Sciences</i> , <b>2019</b> , 40, 155-165	3.5	42
245	Microbeam radiation therapy - grid therapy and beyond: a clinical perspective. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20170073	3.4	41

244	Cisplatin-induced peripheral neurotoxicity in rats reduces the circulating levels of nerve growth factor. <i>Neuroscience Letters</i> , <b>2002</b> , 322, 103-6	3.3	41
243	The combined therapeutical effect of metal-based drugs and radiation therapy: the present status of research. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 2237-65	4.3	41
242	Bortezomib treatment produces nocifensive behavior and changes in the expression of TRPV1, CGRP, and substance P in the rat DRG, spinal cord, and sciatic nerve. <i>BioMed Research International</i> , <b>2014</b> , 2014, 180428	3	40
241	Neuroactive steroid levels in plasma and cerebrospinal fluid of male multiple sclerosis patients. <i>Journal of Neurochemistry</i> , <b>2014</b> , 130, 591-7	6	40
240	Validation of the Italian version of the Neuropathic Pain Symptom Inventory in peripheral nervous system diseases. <i>Neurological Sciences</i> , <b>2009</b> , 30, 99-106	3.5	40
239	Susceptibility of different mouse strains to oxaliplatin peripheral neurotoxicity: Phenotypic and genotypic insights. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186250	3.7	39
238	Inhibition of histone deacetylase 6 (HDAC6) protects against vincristine-induced peripheral neuropathies and inhibits tumor growth. <i>Neurobiology of Disease</i> , <b>2018</b> , 111, 59-69	7.5	38
237	OATP1B2 deficiency protects against paclitaxel-induced neurotoxicity. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 816-825	15.9	38
236	Peripheral Neuropathy Induced by Microtubule-Targeted Chemotherapies: Insights into Acute Injury and Long-term Recovery. <i>Cancer Research</i> , <b>2018</b> , 78, 817-829	10.1	38
235	Bortezomib- and thalidomide-induced peripheral neuropathy in multiple myeloma: clinical and molecular analyses of a phase 3 study. <i>American Journal of Hematology</i> , <b>2014</b> , 89, 1085-91	7.1	37
234	Neurotoxicity and ototoxicity of cisplatin plus paclitaxel in comparison to cisplatin plus cyclophosphamide in patients with epithelial ovarian cancer. <i>Journal of Clinical Oncology</i> , <b>1997</b> , 15, 199-206	2.2	37
233	Interventions for preventing neuropathy caused by cisplatin and related compounds. <i>Cochrane Database of Systematic Reviews</i> , <b>2007</b> , CD005228		37
232	Platinum-induced peripheral neurotoxicity: From pathogenesis to treatment. <i>Journal of the Peripheral Nervous System</i> , <b>2019</b> , 24 Suppl 2, S26-S39	4.7	36
231	Lack of sterol regulatory element binding factor-1c imposes glial Fatty Acid utilization leading to peripheral neuropathy. <i>Cell Metabolism</i> , <b>2015</b> , 21, 571-83	24.6	36
230	Evaluation of the psychometric properties of the EORTC chemotherapy-induced peripheral neuropathy questionnaire (QLQ-CIPN20). <i>Quality of Life Research</i> , <b>2017</b> , 26, 2999-3010	3.7	36
229	Chemotherapy-induced peripheral neurotoxicity (CIPN): what we need and what we know. <i>Journal of the Peripheral Nervous System</i> , <b>2014</b> , 19, 66-76	4.7	36
228	Extracorporeal photochemotherapy: a safety and tolerability pilot study with preliminary efficacy results in refractory relapsing-remitting multiple sclerosis. <i>Neurological Sciences</i> , <b>2006</b> , 27, 24-32	3.5	36
227	Chemotherapy-induced peripheral neurotoxicity. <i>Expert Opinion on Drug Safety</i> , <b>2004</b> , 3, 535-46	4.1	36

226	Rasch-built Overall Disability Scale for patients with chemotherapy-induced peripheral neuropathy (CIPN-R-ODS). <i>European Journal of Cancer</i> , <b>2013</b> , 49, 2910-8	7.5	35
225	Creutzfeldt-Jakob disease with a novel four extra-repeat insertional mutation in the PrP gene. <i>Neurology</i> , <b>2000</b> , 55, 405-10	6.5	35
224	Hemorrhagic infarction: risk factors, clinical and tomographic features, and outcome. A case-control study. <i>Acta Neurologica Scandinavica</i> , <b>1989</b> , 80, 226-31	3.8	35
223	Beneficial effects of PKF275-055, a novel, selective, orally bioavailable, long-acting dipeptidyl peptidase IV inhibitor in streptozotocin-induced diabetic peripheral neuropathy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 340, 64-72	4.7	34
222	CR4056, a new analgesic I2 ligand, is highly effective against bortezomib-induced painful neuropathy in rats. <i>Journal of Pain Research</i> , <b>2012</b> , 5, 151-67	2.9	33
221	Effect of the chronic combined administration of cisplatin and paclitaxel in a rat model of peripheral neurotoxicity. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 656-65	7.5	33
220	Tissue platinum concentrations and cisplatin schedules. <i>Lancet, The</i> , <b>1990</b> , 336, 1003	4.0	33
219	Human platelets express the synaptic markers VGLUT1 and 2 and release glutamate following aggregation. <i>Neuroscience Letters</i> , <b>2006</b> , 404, 262-5	3.3	31
218	Ethoxyquin provides neuroprotection against cisplatin-induced neurotoxicity. <i>Scientific Reports</i> , <b>2016</b> , 6, 28861	4.9	31
217	Chemotherapy-induced peripheral neurotoxicity in cancer survivors: an underdiagnosed clinical entity?. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , <b>2015</b> , e553-60	7.1	30
216	Consistence and discrepancy of neuropathic pain screening tools DN4 and ID-Pain. <i>Neurological Sciences</i> , <b>2013</b> , 34, 373-7	3.5	30
215	Polyneuropathy due to cobalamin deficiency in the rat. <i>Journal of the Neurological Sciences</i> , <b>1998</b> , 156, 18-29	3.2	30
214	Neurofilament light chain as disease biomarker in a rodent model of chemotherapy induced peripheral neuropathy. <i>Experimental Neurology</i> , <b>2018</b> , 307, 129-132	5.7	29
213	Incidence of atypical acute nerve hyperexcitability symptoms in oxaliplatin-treated patients with colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2012</b> , 70, 899-902	3.5	29
212	Experimental epothilone B neurotoxicity: results of in vitro and in vivo studies. <i>Neurobiology of Disease</i> , <b>2009</b> , 35, 270-7	7.5	29
211	Regression of diabetic complications by islet transplantation in the rat. <i>Diabetologia</i> , <b>2009</b> , 52, 2653-61	10.3	29
210	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. <i>Neuroendocrinology</i> , <b>2015</b> , 101, 296-308	5.6	28
209	High-dose intravenous immunoglobulins reduce nerve macrophage infiltration and the severity of bortezomib-induced peripheral neurotoxicity in rats. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 232	10.1	28

208	Neurophysiological, nerve imaging and other techniques to assess chemotherapy-induced peripheral neurotoxicity in the clinical and research settings. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 1361-1369	5.5	28
207	Chemotherapy-induced peripheral neuropathy clinical trials: Review and recommendations. <i>Neurology</i> , <b>2017</b> , 89, 859-869	6.5	28
206	Oxaliplatin-Induced Peripheral Neuropathy and Identification of Unique Severity Groups in Colorectal Cancer. <i>Journal of Pain and Symptom Management</i> , <b>2017</b> , 54, 701-706.e1	4.8	28
205	Genetic determinants of chronic oxaliplatin-induced peripheral neurotoxicity: a genome-wide study replication and meta-analysis. <i>Journal of the Peripheral Nervous System</i> , <b>2015</b> , 20, 15-23	4.7	28
204	Evaluation of chemotherapy-induced peripheral neuropathy using current perception threshold and clinical evaluations. <i>Supportive Care in Cancer</i> , <b>2014</b> , 22, 1161-9	3.9	28
203	Epothilone-induced peripheral neuropathy: a review of current knowledge. <i>Journal of Pain and Symptom Management</i> , <b>2011</b> , 42, 931-40	4.8	28
202	An ultrastructural study of neuronal changes in dorsal root ganglia (DRG) of rats after chronic cisplatin administrations. <i>Histology and Histopathology</i> , <b>1995</b> , 10, 837-45	1.4	28
201	Long-lasting neuropsychological changes after a single high altitude climb. <i>Acta Neurologica Scandinavica</i> , <b>1993</b> , 87, 103-5	3.8	27
200	Correspondence between neurophysiological and clinical measurements of chemotherapy-induced peripheral neuropathy: secondary analysis of data from the CI-PeriNomS study. <i>Journal of the Peripheral Nervous System</i> , <b>2014</b> , 19, 127-35	4.7	26
199	Infantile hereditary neuropathy with hypomyelination: report of two siblings with different expressivity. <i>Neuropediatrics</i> , <b>1991</b> , 22, 65-70	1.6	26
198	A clinico-pathological and follow up study of 10 cases of essential type II cryoglobulinaemic neuropathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1990</b> , 53, 886-9	5.5	26
197	Cerebrospinal fluid levels of BAFF and APRIL in untreated multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>2010</b> , 220, 104-7	3.5	25
196	Pixantrone (BBR2778) reduces the severity of experimental allergic encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2004</b> , 151, 55-65	3.5	25
195	Circulating nerve growth factor level changes during oxaliplatin treatment-induced neurotoxicity in the rat. <i>Anticancer Research</i> , <b>2002</b> , 22, 4199-204	2.3	25
194	Advanced age and liability to oxaliplatin-induced peripheral neuropathy: post hoc analysis of a prospective study. <i>European Journal of Neurology</i> , <b>2013</b> , 20, 788-94	6	24
193	Proteasome inhibition: a promising strategy for treating cancer, but what about neurotoxicity?. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 3025-35	4.3	24
192	Neurotoxicity of cisplatin +/- reduced glutathione in the first-line treatment of advanced ovarian cancer. <i>International Journal of Gynecological Cancer</i> , <b>1996</b> , 6, 415-419	3.5	24
191	Persistent memory impairment after high altitude climbing. <i>International Journal of Sports Medicine</i> , <b>1990</b> , 11, 176-8	3.6	24

190	Pharmacotherapy options for managing chemotherapy-induced peripheral neurotoxicity. <i>Expert Opinion on Pharmacotherapy</i> , <b>2018</b> , 19, 113-121	4	24
189	Toward the identification of neuroprotective agents: g-scale synthesis, pharmacokinetic evaluation and CNS distribution of (R)-RC-33, a promising SIGMA1 receptor agonist. <i>Future Medicinal Chemistry</i> , <b>2016</b> , 8, 287-95	4.1	23
188	Rasch-Transformed Total Neuropathy Score clinical version (RT-TNSc( )) in patients with chemotherapy-induced peripheral neuropathy. <i>Journal of the Peripheral Nervous System</i> , <b>2015</b> , 20, 328-347	4.7	23
187	A role for hemopexin in oligodendrocyte differentiation and myelin formation. <i>PLoS ONE</i> , <b>2011</b> , 6, e201737	3.7	23
186	Neurotoxic effects of antineoplastic drugs: the lesson of pre-clinical studies. <i>Frontiers in Bioscience - Landmark</i> , <b>2008</b> , 13, 3506-24	2.8	23
185	Emerging role of mitogen-activated protein kinases in peripheral neuropathies. <i>Journal of the Peripheral Nervous System</i> , <b>2007</b> , 12, 175-94	4.7	23
184	Brain damage after high-altitude climbs without oxygen. <i>Lancet, The</i> , <b>1987</b> , 1, 101	4.0	23
183	Low-dose glutathione administration in the prevention of cisplatin-induced peripheral neuropathy in rats. <i>NeuroToxicology</i> , <b>1994</b> , 15, 701-4	4.4	23
182	Long-term peripheral neurotoxicity of cisplatin in patients with successfully treated epithelial ovarian cancer. <i>Anticancer Research</i> , <b>1994</b> , 14, 1287-92	2.3	23
181	Neuro- and ototoxicity of high-dose carboplatin treatment in poor prognosis ovarian cancer patients. <i>Anticancer Research</i> , <b>1998</b> , 18, 3797-802	2.3	23
180	Quantitative detection of epstein-barr virus DNA in cerebrospinal fluid and blood samples of patients with relapsing-remitting multiple sclerosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e94497	3.7	22
179	Myelin structure is unaltered in chemotherapy-induced peripheral neuropathy. <i>NeuroToxicology</i> , <b>2012</b> , 33, 1-7	4.4	22
178	Sex differences in the manifestation of peripheral diabetic neuropathy in gonadectomized rats: a correlation with the levels of neuroactive steroids in the sciatic nerve. <i>Experimental Neurology</i> , <b>2011</b> , 228, 215-21	5.7	22
177	Neuronal uptake transporters contribute to oxaliplatin neurotoxicity in mice. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4601-4606	15.9	22
176	Ultrasound assessment of oxaliplatin-induced neuropathy and correlations with neurophysiologic findings. <i>European Journal of Neurology</i> , <b>2013</b> , 20, 188-92	6	21
175	In vivo comparative study of the cytotoxicity of a liposomal formulation of cisplatin (lipoplatin)] <i>Cancer Chemotherapy and Pharmacology</i> , <b>2011</b> , 68, 1001-8	3.5	21
174	Rapidly progressive multifocal motor neuropathy with phrenic nerve paralysis: effect of nocturnal assisted ventilation. <i>Journal of Neurology</i> , <b>1998</b> , 245, 613-6	5.5	21
173	Peripheral neurotoxicity of platinum-based chemotherapy. <i>Nature Reviews Cancer</i> , <b>2008</b> , 8, 1p following 71; author reply 1p following 71	31.3	21

172	Age-related changes in the function and structure of the peripheral sensory pathway in mice. <i>Neurobiology of Aging</i> , <b>2016</b> , 45, 136-148	5.6	21
171	Neuroinflammatory Process Involved in Different Preclinical Models of Chemotherapy-Induced Peripheral Neuropathy. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 626687	8.4	21
170	Neuronal drug transporters in platinum drugs-induced peripheral neurotoxicity. <i>Anticancer Research</i> , <b>2014</b> , 34, 483-6	2.3	21
169	Chemotherapy-induced peripheral neurotoxicity: A multifaceted, still unsolved issue. <i>Journal of the Peripheral Nervous System</i> , <b>2019</b> , 24 Suppl 2, S6-S12	4.7	20
168	Chemotherapy-induced peripheral neurotoxicity in immune-deficient mice: new useful ready-to-use animal models. <i>Experimental Neurology</i> , <b>2015</b> , 264, 92-102	5.7	20
167	Neurofilament light chain: a specific serum biomarker of axonal damage severity in rat models of Chemotherapy-Induced Peripheral Neurotoxicity. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 2517-2522	5.8	20
166	The neuroprotective effect of erythropoietin in docetaxel-induced peripheral neuropathy causes no reduction of antitumor activity in 13762 adenocarcinoma-bearing rats. <i>Neurotoxicity Research</i> , <b>2010</b> , 18, 151-60	4.3	20
165	Focus on the role of Glutamate in the pathology of the peripheral nervous system. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2008</b> , 7, 348-60	2.6	20
164	Topiramate prevents oxaliplatin-related axonal hyperexcitability and oxaliplatin induced peripheral neurotoxicity. <i>Neuropharmacology</i> , <b>2020</b> , 164, 107905	5.5	20
163	The fundamental role of morphology in experimental neurotoxicology: the example of chemotherapy-induced peripheral neurotoxicity. <i>Italian Journal of Anatomy and Embryology</i> , <b>2012</b> , 117, 75-97		20
162	Pain in chemotherapy-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2017</b> , 22, 156-161	4.7	19
161	Cerebrospinal fluid analysis and the determination of oligoclonal bands. <i>Neurological Sciences</i> , <b>2017</b> , 38, 217-224	3.5	19
160	Management of side effects in the personalized medicine era: chemotherapy-induced peripheral neuropathy. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1175, 301-22	1.4	19
159	Oxaliplatin-induced neuropathy occurs through impairment of haemoglobin proton buffering and is reversed by carbonic anhydrase inhibitors. <i>Pain</i> , <b>2020</b> , 161, 405-415	8	19
158	Content validity of symptom-based measures for diabetic, chemotherapy, and HIV peripheral neuropathy. <i>Muscle and Nerve</i> , <b>2017</b> , 55, 366-372	3.4	18
157	Lenalidomide in patients with chemotherapy-induced polyneuropathy and relapsed or refractory multiple myeloma: results from a single-centre prospective study. <i>Journal of the Peripheral Nervous System</i> , <b>2013</b> , 18, 19-24	4.7	18
156	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. <i>Neuroscience</i> , <b>2011</b> , 199, 401-9		17
155	Diagnostic validity of optic disc and retinal nerve fiber layer evaluations in detecting structural changes after optic neuritis. <i>Ophthalmology</i> , <b>2010</b> , 117, 1256-1264.e1	7.3	17

154	Continuous buprenorphine delivery effect in streptozotocine-induced painful diabetic neuropathy in rats. <i>Journal of Pain</i> , <b>2009</b> , 10, 961-8	5.2	17
153	Cationic liposomes target sites of acute neuroinflammation in experimental autoimmune encephalomyelitis. <i>Molecular Pharmaceutics</i> , <b>2009</b> , 6, 1363-70	5.6	17
152	Antibody against tumor necrosis factor- $\alpha$ reduces bortezomib-induced allodynia in a rat model. <i>Anticancer Research</i> , <b>2013</b> , 33, 5453-9	2.3	17
151	Therapeutic potential of Mesenchymal Stem Cells for the treatment of diabetic peripheral neuropathy. <i>Experimental Neurology</i> , <b>2017</b> , 288, 75-84	5.7	16
150	The role of growth factors in the prevention and treatment of chemotherapy-induced peripheral neurotoxicity. <i>Current Drug Safety</i> , <b>2006</b> , 1, 35-42	1.4	16
149	Women with pregnancy-related polymyositis and high serum CK levels in the newborn. <i>Neurology</i> , <b>2002</b> , 58, 482-4	6.5	16
148	Evaluation by somatosensory evoked potentials of the neurotoxicity of cisplatin alone or in combination with glutathione. <i>Italian Journal of Neurological Sciences</i> , <b>1992</b> , 13, 643-7		16
147	Effects of repeated administration of low doses of cisplatin on the rat nervous system. <i>International Journal of Tissue Reactions</i> , <b>1991</b> , 13, 151-7		16
146	Characterization of and protection from neurotoxicity induced by oxaliplatin, bortezomib and epothilone-B. <i>Anticancer Research</i> , <b>2014</b> , 34, 517-23	2.3	16
145	Management of Oxaliplatin-Induced Peripheral Sensory Neuropathy. <i>Cancers</i> , <b>2020</b> , 12,	6.6	15
144	Modulation of the central memory and Tr1-like regulatory T cells in multiple sclerosis patients responsive to interferon-beta therapy. <i>Multiple Sclerosis Journal</i> , <b>2012</b> , 18, 788-98	5	15
143	Different effects of erythropoietin in cisplatin- and docetaxel-induced neurotoxicity: an in vitro study. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 3171-9	4.4	15
142	Antiepileptic drugs and peripheral nerve function: a multicenter screening investigation of 141 patients with chronic treatment. Collaborative Group for the Study of Epilepsy. <i>Epilepsia</i> , <b>1993</b> , 34, 323-31	6.4	15
141	Functionalized mesoporous silica nanoparticles: a possible strategy to target cancer cells reducing peripheral nervous system uptake. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 2589-600	4.3	15
140	Risk factors for chronic inflammatory demyelinating polyradiculoneuropathy (CIDP): antecedent events, lifestyle and dietary habits. Data from the Italian CIDP Database. <i>European Journal of Neurology</i> , <b>2020</b> , 27, 136-143	6	15
139	Design and Synthesis of Chitosan-Gelatin Hybrid Hydrogels for 3D Printable Models. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 524	5	14
138	Thalidomide chemotherapy-induced peripheral neuropathy: actual status and new perspectives with thalidomide analogues derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2009</b> , 9, 760-8	3.2	14
137	Clinician-rated measures for distal symmetrical axonal polyneuropathy: ACTION systematic review. <i>Neurology</i> , <b>2019</b> , 93, 346-360	6.5	14

136	The Italian neuromuscular registry: a coordinated platform where patient organizations and clinicians collaborate for data collection and multiple usage. <i>Orphanet Journal of Rare Diseases</i> , <b>2018</b> , 13, 176	4.2	14
135	Oxaliplatin induces pH acidification in dorsal root ganglia neurons. <i>Scientific Reports</i> , <b>2018</b> , 8, 15084	4.9	14
134	Neurophysiological examination of dorsal sural nerve. <i>Muscle and Nerve</i> , <b>2012</b> , 46, 895-8	3.4	13
133	Opposite effects of interferon- $\beta$ on new B and T cell release from production sites in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , <b>2011</b> , 240-241, 147-50	3.5	13
132	Risk stratification of oxaliplatin induced peripheral neurotoxicity applying electrophysiological testing of dorsal sural nerve. <i>Supportive Care in Cancer</i> , <b>2018</b> , 26, 3143-3151	3.9	12
131	Drugs for the treatment of peripheral neuropathies. <i>Expert Opinion on Pharmacotherapy</i> , <b>2016</b> , 17, 381-94	4	12
130	Multimodal analysis in acute and chronic experimental autoimmune encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , <b>2013</b> , 8, 238-50	6.9	12
129	Calcium and magnesium prophylaxis for oxaliplatin-related neurotoxicity: is it a trade-off between drug efficacy and toxicity?. <i>Oncologist</i> , <b>2011</b> , 16, 1667-8	5.7	12
128	Drug transporters in chemotherapy induced peripheral neurotoxicity: current knowledge and clinical implications. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 329-41	4.3	12
127	Off-treatment course of cisplatin-induced dorsal root ganglia neuronopathy in rats. <i>In Vivo</i> , <b>1994</b> , 8, 313-63	6.3	12
126	Calcium-related neurotoxicity of oxaliplatin: understanding the mechanisms to drive therapy. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 3682-94	4.3	12
125	Antitumoral Effect of Hibiscus sabdariffa on Human Squamous Cell Carcinoma and Multiple Myeloma Cells. <i>Nutrition and Cancer</i> , <b>2016</b> , 68, 1161-70	2.8	12
124	Alterations of gut microbiota composition in post-finasteride patients: a pilot study. <i>Journal of Endocrinological Investigation</i> , <b>2021</b> , 44, 1263-1273	5.2	12
123	Neuroprotectant drugs in cisplatin neurotoxicity. <i>Anticancer Research</i> , <b>1996</b> , 16, 3149-59	2.3	12
122	Are sigma receptor modulators a weapon against multiple sclerosis disease?. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 2029-2051	4.1	11
121	Patients' and physicians' interpretation of chemotherapy-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2019</b> , 24, 111-119	4.7	11
120	A novel AMPK activator reduces glucose uptake and inhibits tumor progression in a mouse xenograft model of colorectal cancer. <i>Investigational New Drugs</i> , <b>2014</b> , 32, 1123-33	4.3	11
119	Actively induced EAE in Lewis rats: characterization of spleen and spinal cord infiltrating lymphocytes by flow cytometry during the course of the disease. <i>Journal of Neuroimmunology</i> , <b>2008</b> , 199, 67-74	3.5	11

118	Topology of two DBI receptors in human lymphocytes <b>1993</b> , 52, 1265-1265		11
117	Frequency of diabetes and other comorbidities in chronic inflammatory demyelinating polyradiculoneuropathy and their impact on clinical presentation and response to therapy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2020</b> , 91, 1092-1099	5.5	11
116	An integrative approach to cisplatin chronic toxicities in mice reveals importance of organic cation-transporter-dependent protein networks for renoprotection. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 2835-2848	5.8	10
115	Anti-tumor Efficacy Assessment of the Sigma Receptor Pan Modulator RC-106. A Promising Therapeutic Tool for Pancreatic Cancer. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 490	5.6	10
114	Current status and future prospective of immunointervention in multiple sclerosis. <i>Current Medicinal Chemistry</i> , <b>2006</b> , 13, 2329-43	4.3	10
113	Ultrastructural aspects of DRG satellite cell involvement in experimental cisplatin neuronopathy. <i>Journal of Submicroscopic Cytology and Pathology</i> , <b>1995</b> , 27, 417-25		10
112	Emerging pharmacological strategies for the management of chemotherapy-induced peripheral neurotoxicity (CIPN), based on novel CIPN mechanisms. <i>Expert Review of Neurotherapeutics</i> , <b>2020</b> , 20, 1005-1016	4.3	10
111	Identification of dual Sigma1 receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 353-370	6.8	10
110	Guillain-Barré syndrome after SARS-CoV-2 infection in an international prospective cohort study. <i>Brain</i> , <b>2021</b> ,	11.2	10
109	SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , <b>2020</b> , 78, 161-163	3.9	9
108	Anti-Multiple Myeloma Potential of Secondary Metabolites from. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
107	Liability of the voltage-gated potassium channel KCNN3 repeat polymorphism to acute oxaliplatin-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2019</b> , 24, 298-303 <sup>4,7</sup>		9
106	Chemotherapy-induced peripheral neurotoxicity: how can we improve knowledge?. <i>Lancet Oncology, The</i> , <b>2009</b> , 10, 539-40	21.7	9
105	A post-marketing study on immunomodulating treatments for relapsing-remitting multiple sclerosis in Lombardia: preliminary results. <i>Neurological Sciences</i> , <b>2005</b> , 26 Suppl 4, S171-3	3.5	9
104	Toxic neuropathies: Chemotherapy Induced Peripheral Neurotoxicity. <i>Current Opinion in Neurology</i> , <b>2019</b> , 32, 676-683	7.1	9
103	Chronic inflammatory demyelinating polyradiculoneuropathy: can a diagnosis be made in patients not fulfilling electrodiagnostic criteria?. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 620-629	6	9
102	Ghrelin agonist HM01 attenuates chemotherapy-induced neurotoxicity in rodent models. <i>European Journal of Pharmacology</i> , <b>2018</b> , 840, 89-103	5.3	9
101	Altered methylation pattern of the SRD5A2 gene in the cerebrospinal fluid of post-finasteride patients: a pilot study. <i>Endocrine Connections</i> , <b>2019</b> , 8, 1118-1125	3.5	8

100	Clinical and neurophysiological serial assessments of brentuximab vedotin-associated peripheral neuropathy. <i>Leukemia and Lymphoma</i> , <b>2019</b> , 60, 2806-2809	1.9	8
99	Tissue distribution of glutamate carboxypeptidase II (GCPII) with a focus on the central and peripheral nervous system. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 1277-81	4.3	8
98	Targeting cancer and neuropathy with histone deacetylase inhibitors: two birds with one stone?. <i>Current Cancer Drug Targets</i> , <b>2008</b> , 8, 266-74	2.8	8
97	Distribution Of Paclitaxel Within The Nervous System Of The Rat After Repeated Intravenous Administration. <i>Journal of the Peripheral Nervous System</i> , <b>2001</b> , 6, 61-61	4.7	8
96	Effects of exposure to low oxygen pressure on the central nervous system. <i>Sports Medicine</i> , <b>1992</b> , 13, 1-7	10.6	8
95	Calmangafodipir Reduces Sensory Alterations and Prevents Intraepidermal Nerve Fibers Loss in a Mouse Model of Oxaliplatin Induced Peripheral Neurotoxicity. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	8
94	Sensitivity and specificity of a commercial ELISA test for anti-MAG antibodies in patients with neuropathy. <i>Journal of Neuroimmunology</i> , <b>2020</b> , 345, 57288	3.5	7
93	RELEVANCE OF DIAGNOSTIC INVESTIGATIONS IN CHRONIC INFLAMMATORY DEMYELINATING POLIRADICULONEUROPATHY: DATA FROM THE ITALIAN CIDP DATABASE. <i>Journal of the Peripheral Nervous System</i> , <b>2020</b> , 25, 152	4.7	7
92	The ventral caudal nerve: a physiologic-morphometric study in three different rat strains. <i>Journal of the Peripheral Nervous System</i> , <b>2010</b> , 15, 140-6	4.7	7
91	Effects of pixantrone on immune-cell function in the course of acute rat experimental allergic encephalomyelitis. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 168, 111-7	3.5	7
90	Lipid-free versus lipid-bound P2 protein-induced experimental allergic neuritis: clinicopathological, neurophysiological, and immunological study. <i>Journal of Neuroscience Research</i> , <b>2000</b> , 62, 709-16	4.4	7
89	High-Spatial-Resolution Three-dimensional Imaging of Human Spinal Cord and Column Anatomy with Postmortem X-ray Phase-Contrast Micro-CT. <i>Radiology</i> , <b>2021</b> , 298, 135-146	20.5	7
88	Pathogenic role of delta 2 tubulin in bortezomib-induced peripheral neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	7
87	Approaches to measure paediatric chemotherapy-induced peripheral neurotoxicity: a systematic review. <i>Lancet Haematology</i> , <b>2020</b> , 7, e408-e417	14.6	6
86	Establishing sample-preparation protocols for X-ray phase-contrast CT of rodent spinal cords: Aldehyde fixations and osmium impregnation. <i>Journal of Neuroscience Methods</i> , <b>2020</b> , 339, 108744	3	6
85	Evaluation of the Profile and Mechanism of Neurotoxicity of Water-Soluble [Cu(P)]PF and [Au(P)]PF (P = thp or PTA) Anticancer Complexes. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 93-108	4.3	6
84	Expression, distribution and glutamate uptake activity of high affinity-excitatory aminoacid transporters in in vitro cultures of embryonic rat dorsal root ganglia. <i>Neuroscience</i> , <b>2011</b> , 192, 275-84	3.9	6
83	Low-dose cisplatin protects human neuroblastoma SH-SY5Y cells from paclitaxel-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , <b>2005</b> , 4, 1439-47	6.1	6

82	Chronic axonal sensory and autonomic polyneuropathy without motor involvement: a new 'chronic inflammatory neuropathy?'. <i>European Journal of Neurology</i> , <b>1999</b> , 6, 249-53	6	6
81	Prospective Evaluation of Health Care Provider and Patient Assessments in Chemotherapy-Induced Peripheral Neurotoxicity. <i>Neurology</i> , <b>2021</b> , 97, e660-e672	6.5	6
80	Extracorporeal photochemotherapy reduces the severity of Lewis rat experimental allergic encephalomyelitis through a modulation of the function of peripheral blood mononuclear cells. <i>Journal of Biological Regulators and Homeostatic Agents</i> , <b>2004</b> , 18, 9-17	0.7	6
79	Synchrotron-based photon activation therapy effect on cisplatin pre-treated human glioma stem cells. <i>Anticancer Research</i> , <b>2014</b> , 34, 5351-5	2.3	6
78	Islet transplantation and insulin administration relieve long-term complications and rescue the residual endogenous pancreatic $\beta$ cells. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 1527-38	5.8	5
77	Exploiting CD38-mediated endocytosis for immunoliposome internalization. <i>Anti-Cancer Drugs</i> , <b>2008</b> , 19, 599-605	2.4	5
76	An unusual transthyretin gene missense mutation (TTR Phe33Val) linked to familial amyloidotic polyneuropathy. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>2004</b> , 11, 121-4	2.7	5
75	Extracorporeal photochemotherapy reduces the incidence of relapses in experimental allergic encephalomyelitis in DA rats. <i>Journal of Neurology</i> , <b>2001</b> , 248, 535-6	5.5	5
74	Peripheral neurotoxicity of taxol in patients previously treated with cisplatin. <i>Cancer</i> , <b>1995</b> , 76, 916-7	6.4	5
73	Ultrastructural organization of lamina VI of the spinal cord of the cat. <i>Progress in Neurobiology</i> , <b>1985</b> , 24, 293-331	10.9	5
72	Novel therapeutic targets in neuropsychiatric disorders: the neuroepigenome. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 1831-9	3.3	5
71	ETNK1 mutations induce a mutator phenotype that can be reverted with phosphoethanolamine. <i>Nature Communications</i> , <b>2020</b> , 11, 5938	17.4	5
70	Blood molecular biomarkers for chemotherapy-induced peripheral neuropathy: From preclinical models to clinical practice. <i>Neuroscience Letters</i> , <b>2021</b> , 749, 135739	3.3	5
69	Severe, reversible nelarabine-induced neuropathy and myelopathy. <i>Journal of the Peripheral Nervous System</i> , <b>2016</b> , 21, 154-6	4.7	5
68	Genetic factors influencing the development of vincristine-induced neurotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2021</b> , 17, 215-226	5.5	5
67	Comparing the different response of PNS and CNS injured neurons to mesenchymal stem cell treatment. <i>Molecular and Cellular Neurosciences</i> , <b>2018</b> , 86, 16-24	4.8	5
66	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2020</b> , 199, 105596	5.1	4
65	Voltage-gated sodium channel dysfunction and the search for other satellite channels in relation to acute oxaliplatin-induced peripheral neurotoxicity. <i>Journal of the Peripheral Nervous System</i> , <b>2019</b> , 24, 360-361	4.7	4

64	Bortezomib-induced peripheral neuropathy: facts and genes. <i>Lancet Oncology, The</i> , <b>2011</b> , 12, 120-1; author reply 121	21.7	4
63	Toxic and Drug-Induced Neuropathies <b>2007</b> , 871-883		4
62	Interventions for preventing neuropathy caused by cisplatin and related compounds <b>2005</b> ,		4
61	Frequency and clinical correlates of anti-nerve antibodies in a large population of CIDP patients included in the Italian database.. <i>Neurological Sciences</i> , <b>2022</b> , 1	3.5	4
60	Global Transcriptomic Profile of Dorsal Root Ganglion and Physiological Correlates of Cisplatin-Induced Peripheral Neuropathy. <i>Nursing Research</i> , <b>2019</b> , 68, 145-155	1.9	4
59	Clinical and biochemical markers in CIPN: A reappraisal. <i>Revue Neurologique</i> , <b>2021</b> , 177, 890-907	3	4
58	Immunomodulating effects of extracorporeal photochemotherapy in rat experimental allergic encephalomyelitis. <i>International Journal of Tissue Reactions</i> , <b>2001</b> , 23, 21-31		4
57	Neuropathological changes in the peripheral nervous system and spinal cord in a transgenic mouse model of Niemann-Pick disease type A <b>2009</b> , 28, 263-74		4
56	Bortezomib-induced peripheral neurotoxicity in human multiple myeloma-bearing mice. <i>Journal of Biological Regulators and Homeostatic Agents</i> , <b>2015</b> , 29, 115-24	0.7	4
55	Impact of environmental factors and physical activity on disability and quality of life in CIDP. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2683-2691	5.5	3
54	The still under-investigated role of cognitive deficits in PML diagnosis. <i>Multiple Sclerosis and Demyelinating Disorders</i> , <b>2017</b> , 2,	0	3
53	Cryoglobulinaemic neuropathy: lack of progression in patients with good haematological control. <i>Acta Neurologica Scandinavica</i> , <b>1995</b> , 92, 372-5	3.8	3
52	SportRelated peripheral nerve injuries: part 1. <i>Sport Sciences for Health</i> , <b>2005</b> , 1, 55-60	1.3	3
51	The effect of Photon Activation Therapy on cisplatin pre-treated human tumour cell lines: comparison with conventional X-ray irradiation. <i>Journal of Biological Regulators and Homeostatic Agents</i> , <b>2013</b> , 27, 477-85	0.7	3
50	Rehabilitation, exercise, and related non-pharmacological interventions for chemotherapy-induced peripheral neurotoxicity: systematic review and evidence-based recommendations.. <i>Critical Reviews in Oncology/Hematology</i> , <b>2021</b> , 103575	7	3
49	Exposure-response relationship of the synthetic epothilone sagopilone in a peripheral neurotoxicity rat model. <i>Neurotoxicity Research</i> , <b>2012</b> , 22, 91-101	4.3	2
48	Neuropathic pain and chemotherapy-induced peripheral neurotoxicity: the issue. <i>Pain Management</i> , <b>2013</b> , 3, 417-9	2.3	2
47	Expression of CD38 in human neuroblastoma SH-SY5Y cells. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2008</b> , 21, 97-105	3	2

46	A new device to study ex-vivo the effects of extracorporeal photochemotherapy on the immune system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2007</b> , 88, 68-75	6.7	2
45	MRI evaluation of a case of herpes zoster ophthalmicus with delayed contralateral hemiplegia. <i>Italian Journal of Neurological Sciences</i> , <b>1990</b> , 11, 297-300		2
44	Protective Effect of Human Mesenchymal Stem Cells on the Survival of Pancreatic Islets. <i>International Journal of Stem Cells</i> , <b>2020</b> , 13, 116-126	3	2
43	Serum neurofilament light chain levels as biomarker of paclitaxel-induced cognitive impairment in patients with breast cancer: a prospective study. <i>Supportive Care in Cancer</i> , <b>2021</b> , 1	3.9	2
42	The relevance of multimodal assessment in experimental oxaliplatin-induced peripheral neurotoxicity. <i>Experimental Neurology</i> , <b>2020</b> , 334, 113458	5.7	2
41	Human Intravenous Immunoglobulin Alleviates Neuropathic Symptoms in a Rat Model of Paclitaxel-Induced Peripheral Neurotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
40	Metabolomics markers in Neurology: current knowledge and future perspectives for therapeutic targeting. <i>Expert Review of Neurotherapeutics</i> , <b>2020</b> , 20, 725-738	4.3	1
39	Exploring the RC-106 Chemical Space: Design and Synthesis of Novel ()-1-(3-Arylbut-2-en-1-yl)-4-(Substituted) Piperazine Derivatives as Potential Anticancer Agents. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 495	5	1
38	Distal pain and carpal tunnel syndrome diagnosis among cashiers: a longitudinal study. <i>International Archives of Occupational and Environmental Health</i> , <b>2017</b> , 90, 741-746	3.2	1
37	Risk factors for the development of severe cisplatin neurotoxicity. <i>International Journal of Oncology</i> , <b>1997</b> , 11, 365-70	1	1
36	Guidelines by the European Federation of Neurological Societies (EFNS) subcommittee for Continuing Medical Education (CME)--modification 2003. <i>European Journal of Neurology</i> , <b>2004</b> , 11, 145-51	6	1
35	RAT in vivo models of taxanes peripheral neurotoxicity following chronic intravenous administration. <i>Journal of the Peripheral Nervous System</i> , <b>2004</b> , 9, 104-104	4.7	1
34	Sport Related peripheral nerve injuries: part 2. <i>Sport Sciences for Health</i> , <b>2005</b> , 1, 61-67	1.3	1
33	LIPID-FREE VS. LIPID-BOUND EXPERIMENTAL ALLERGIC NEURITIS IN THE LEWIS RAT. <i>Journal of the Peripheral Nervous System</i> , <b>2000</b> , 5, 36-37	4.7	1
32	Evaluation of cisplatin neuroprotection by NT-3. <i>Annals of Neurology</i> , <b>1996</b> , 39, 827	9.4	1
31	Homozygous hypertrophic hereditary motor and sensory neuropathies. <i>Italian Journal of Neurological Sciences</i> , <b>1994</b> , 15, 5-14		1
30	Endoneural vessel involvement in hypothyroidism. <i>Italian Journal of Neurological Sciences</i> , <b>1987</b> , 8, 259-64		1
29	Histological features of nerve fibers and endoneural vessels in a case of Wegener's granulomatosis. <i>European Neurology</i> , <b>1988</b> , 28, 77-80	2.1	1

28	ETNK1 Mutations in Atypical Chronic Myeloid Leukemia Induce a Mutator Phenotype That Can be Reverted with Phosphoethanolamine. <i>Blood</i> , <b>2020</b> , 136, LBA-5-LBA-5	2.2	1
27	Systems Pharmacology Modeling Identifies a Novel Treatment Strategy for Bortezomib-Induced Neuropathic Pain.. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 817236	5.6	1
26	Clinical and preclinical features of eribulin-related peripheral neuropathy. <i>Experimental Neurology</i> , <b>2021</b> , 348, 113925	5.7	1
25	Cannabinoids: an Effective Treatment for Chemotherapy-Induced Peripheral Neurotoxicity?. <i>Neurotherapeutics</i> , <b>2021</b> , 1	6.4	1
24	Early Stimulation of TREK Channel Transcription and Activity Induced by Oxaliplatin-Dependent Cytosolic Acidification. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
23	Reply to a Comment Paper on the Published Paper by Canta, A. et al: "Calmangafodipir Reduces Sensory Alterations and Prevents Intraepidermal Nerve Fibers Loss in a Mouse Model of Oxaliplatin Induced Peripheral Neurotoxicity"- 2020, , 594. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	1
22	The neurophysiological lesson from the Italian CIDP database. <i>Neurological Sciences</i> , <b>2021</b> , 1	3.5	1
21	Prospectively Assessing Serum Neurofilament Light Chain Levels As A Biomarker Of Paclitaxel-Induced Peripheral Neurotoxicity In Breast Cancer Patients.. <i>Journal of the Peripheral Nervous System</i> , <b>2022</b> ,	4.7	1
20	Exercise and Neuropathy: Systematic Review with Meta-Analysis.. <i>Sports Medicine</i> , <b>2021</b> , 1	10.6	1
19	Tubulin binding potentially clears up Bortezomib and Carfilzomib differential neurotoxic effect. <i>Scientific Reports</i> , <b>2021</b> , 11, 10523	4.9	0
18	Intravenous immunoglobulin treatment for mild Guillain-Barré syndrome: an international observational study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2021</b> , 92, 1080-1088	5.5	0
17	Prolonged distal motor latency of median nerve does not improve diagnostic accuracy for CIDP. <i>Journal of Neurology</i> , <b>2021</b> , 1	5.5	0
16	Electrophysiological Assessments in Peripheral Nerves and Spinal Cord in Rodent Models of Chemotherapy-Induced Painful Peripheral Neuropathy. <i>Neuromethods</i> , <b>2021</b> , 133-161	0.4	0
15	Making Connections: Mesenchymal Stem Cells Manifold Ways to Interact with Neurons. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5791	6.3	0
14	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. <i>SpringerPlus</i> , <b>2015</b> , 4, L45		
13	Neuroprotectant agents against oxaliplatin induced neurotoxicity: lackings, facts and future prospective. <i>Annals of Oncology</i> , <b>2013</b> , 24, 1418-9	10.3	
12	186 CR4056: A NOVEL POTENT ANTI-NOCICEPTIVE AGENT FOR SEVERAL ANIMAL MODELS OF NEUROPATHIC PAIN. <i>European Journal of Pain Supplements</i> , <b>2010</b> , 4, 55-55		
11	Evaluation and monitoring of peripheral nerve function. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2012</b> , 104, 163-71	3	

- 10 Clinical and neurophysiologic evaluation of the effect of Cisplatin administration on the motor nerves. *International Journal of Oncology*, **1993**, 2, 81-4 1
- 9 Sporadic adult onset distal myopathy. *Journal of Neurology, Neurosurgery and Psychiatry*, **1988**, 51, 468-95,5
- 8 Blood-nerve barrier of endoneural vessels in experimentally-induced hypothyroidism in rats. *International Journal of Tissue Reactions*, **1989**, 11, 137-42
- 7 Differential Contribution of Neuronal Uptake Transporters to Oxaliplatin Peripheral Neurotoxicity. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 6 Toxic Neuropathies **2016**, 275-284
- 5 Sigma 1 receptor modulators as a new weapon against multiple sclerosis. *BioDiscovery*, **20**, e14565
- 4 Peripheral Neurotoxicity of Platinum Compounds **2009**, 359-364
- 3 Bortezomib- and Thalidomide-Induced Peripheral Neuropathy (PN) in Multiple Myeloma (MM): Clinical and Molecular Analysis of 474 Patients Treated with Thalidomide-Dexamethasone (TD) or Bortezomib-TD (VTD). *Blood*, **2011**, 118, 1821-1821 2.2
- 2 Nerve pathology in animal models of neuropathies. *Journal of the Peripheral Nervous System*, **2021**, 26 Suppl 2, S61-S68 4.7
- 1 Assessment of Neurofilament Light Protein as a Serum Biomarker in Rodent Models of Toxic-Induced Peripheral Neuropathy. *Neuromethods*, **2021**, 267-275 0.4