

Maria Gabriella Buzzi

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,800
citations

117453

34
h-index

123241

61
g-index

92
all docs

92
docs citations

92
times ranked

2583
citing authors

#	ARTICLE	IF	CITATIONS
1	The antimigraine drug, sumatriptan (GR43175), selectively blocks neurogenic plasma extravasation from blood vessels in dura mater. <i>British Journal of Pharmacology</i> , 1990, 99, 202-206.	2.7	393
2	Dihydroergotamine and sumatriptan attenuate levels of CGRP in plasma in rat superior sagittal sinus during electrical stimulation of the trigeminal ganglion. <i>Neuropharmacology</i> , 1991, 30, 1193-1200.	2.0	292
3	Trigeminal sensory fiber stimulation induces morphological changes reflecting secretion in rat dura mater mast cells. <i>Neuroscience</i> , 1991, 44, 97-112.	1.1	262
4	Ultrastructural evidence for neurogenically mediated changes in blood vessels of the rat dura mater and tongue following antidromic trigeminal stimulation. <i>Neuroscience</i> , 1992, 48, 187-203.	1.1	146
5	Evidence for 5-HT _{1B/1D} Receptors Mediating the Antimigraine Effect of Sumatriptan and Dihydroergotamine. <i>Cephalalgia</i> , 1991, 11, 165-168.	1.8	142
6	Use of Bacille Calmette-Guèrin (BCG) in multiple sclerosis. <i>Neurology</i> , 1999, 53, 1588-1588.	1.5	140
7	Indomethacin and acetylsalicylic acid block neurogenic plasma protein extravasation in rat dura mater. <i>European Journal of Pharmacology</i> , 1989, 165, 251-258.	1.7	116
8	Further characterization of the putative 5-HT receptor which mediates blockade of neurogenic plasma extravasation in rat dura mater. <i>British Journal of Pharmacology</i> , 1991, 103, 1421-1428.	2.7	100
9	Neurogenic Model of Migraine. <i>Cephalalgia</i> , 1995, 15, 277-280.	1.8	99
10	The pathophysiology of migraine: year 2005. <i>Journal of Headache and Pain</i> , 2005, 6, 105-111.	2.5	95
11	Neuroeffector functions of sensory fibres: implications for headache mechanisms and drug actions. <i>Journal of Neurology</i> , 1991, 238, S18-S22.	1.8	91
12	Familial basilar migraine associated with a new mutation in the ATP1A2 gene. <i>Neurology</i> , 2005, 65, 1826-1828.	1.5	86
13	5-Hydroxytryptamine receptor agonists for the abortive treatment of vascular headaches block mast cell, endothelial and platelet activation within the rat dura mater after trigeminal stimulation. <i>Brain Research</i> , 1992, 583, 137-149.	1.1	82
14	The effects on the central nervous system of nitroglycerin—putative mechanisms and mediators. <i>Progress in Neurobiology</i> , 1999, 57, 607-624.	2.8	81
15	Electrophysiological evidence for trigeminal neuron sensitization in patients with migraine. <i>Neuroscience Letters</i> , 2002, 317, 135-138.	1.0	77
16	Restless legs syndrome and primary headaches: a clinical study. <i>Neurological Sciences</i> , 2008, 29, 169-172.	0.9	74
17	Dopamine Hypersensitivity in Migraine. <i>Clinical Neuropharmacology</i> , 1997, 20, 36-41.	0.2	69
18	Psychological Treatments and Psychotherapies in the Neurorehabilitation of Pain: Evidences and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Psychology</i> , 2016, 7, 115.	1.1	66

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19	Hemiparetic Shoulder Pain Syndrome Treated with Deep Dry Needling During Early Rehabilitation: A Prospective, Open-Label, Randomized Investigation. <i>Journal of Musculoskeletal Pain</i> , 2004, 12, 25-34.	0.3	65
20	Effects of CGRP receptor antagonism in nitroglycerin-induced hyperalgesia. <i>Cephalalgia</i> , 2014, 34, 594-604.	1.8	64
21	The effect of Bacille Calmette-Guérin on the evolution of new enhancing lesions to hypointense T1 lesions in relapsing remitting MS. <i>Journal of Neurology</i> , 2003, 250, 247-248.	1.8	59
22	Shortened cortical silent period in facial muscles of patients with migraine. <i>Pain</i> , 2007, 132, 124-131.	2.0	53
23	Understanding Spreading Depression from Headache to Sudden Unexpected Death. <i>Frontiers in Neurology</i> , 2018, 9, 19.	1.1	51
24	Vegetative state, minimally conscious state, akinetic mutism and Parkinsonism as a continuum of recovery from disorders of consciousness: an exploratory and preliminary study. <i>Functional Neurology</i> , 2011, 26, 15-24.	1.3	46
25	Increased density of dopamine D5 receptor in peripheral blood lymphocytes of migraineurs: a marker for migraine?. <i>Neuroscience Letters</i> , 1996, 207, 73-76.	1.0	45
26	Psychological Considerations in the Assessment and Treatment of Pain in Neurorehabilitation and Psychological Factors Predictive of Therapeutic Response: Evidence and Recommendations from the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Psychology</i> , 2016, 7, 468.	1.1	43
27	Sumatriptan in Migraine With Unilateral Cranial Autonomic Symptoms: An Open Study. <i>Headache</i> , 2003, 43, 400-403.	1.8	41
28	A Novel ATP1A2 Mutation in a Family with FHM Type II. <i>Cephalalgia</i> , 2006, 26, 324-328.	1.8	39
29	Migraine and Epilepsy With Infantile Onset and Electroencephalographic Findings of Occipital Spike-wave Complexes. <i>Headache</i> , 1991, 31, 378-383.	1.8	36
30	Peripheral and Central Activation of Trigeminal Pain Pathways in Migraine: Data From Experimental Animal Models. <i>Cephalalgia</i> , 2003, 23, 1-4.	1.8	36
31	Post-traumatic headache: facts and doubts. <i>Journal of Headache and Pain</i> , 2009, 10, 145-152.	2.5	36
32	Jun B, c-jun, jun D and c-fos mRNAs in nucleus caudalis neurons: rapid selective enhancement by afferent stimulation. <i>Molecular Brain Research</i> , 1991, 11, 133-141.	2.5	35
33	The development of neurogenic plasma extravasation in the rat dura mater does not depend upon the degranulation of mast cells. <i>Brain Research</i> , 1989, 477, 157-165.	1.1	34
34	Time interval of oral feeding recovery as a prognostic factor in severe traumatic brain injury. <i>Brain Injury</i> , 2004, 18, 103-109.	0.6	34
35	Adult abdominal migraine: a new syndrome or sporadic feature of migraine headache? A case report. <i>European Journal of Neurology</i> , 2006, 13, 85-88.	1.7	31
36	Preproenkephalin mRNA expression in nucleus caudalis neurons is enhanced by trigeminal stimulation. <i>Molecular Brain Research</i> , 1989, 6, 203-210.	2.5	29

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37	Basilar Migraine with Electroencephalographic Findings of Occipital Spike-Wave Complexes: A Long-Term Study in Seven Children. <i>Cephalalgia</i> , 1993, 13, 192-196.	1.8	28
38	Indomethacin increases the effect of isosorbide dinitrate on cerebral hemodynamic in migraine patients: pathogenetic and therapeutic implications. <i>Cephalalgia</i> , 1998, 18, 622-630.	1.8	28
39	Late motor recovery is influenced by muscle tone changes after stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 308-311.	0.5	28
40	Flunarizine-Pizotifen Single-Dose Double-Blind Cross-Over Trial in Migraine Prophylaxis. <i>Cephalalgia</i> , 1986, 6, 15-18.	1.8	27
41	Chiari-Associated Exertional, Cough, and Sneezing Headache Responsive to Medical Therapy. <i>Headache</i> , 2003, 43, 404-406.	1.8	24
42	The impact of prophylactic treatment on post-traumatic epilepsy after severe traumatic brain injury. <i>Brain Injury</i> , 2007, 21, 499-504.	0.6	24
43	Pathways to the Best Fit of Triptans for Migraine Patients. <i>Cephalalgia</i> , 2008, 28, 21-27.	1.8	24
44	Experimental models of migraine. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2010, 97, 109-123.	1.0	23
45	Haemodynamic Correlates of Early and Delayed Responses to Sublingual Administration of Isosorbide Dinitrate in Migraine Patients. <i>Cephalalgia</i> , 1997, 17, 183-187.	1.8	22
46	A Patient with Cluster Headache Responsive To Indomethacin: Any Relationship with Chronic Paroxysmal Hemicrania?. <i>Cephalalgia</i> , 2003, 23, 401-404.	1.8	22
47	Early clinical predictive factors during coma recovery. <i>Acta Neurochirurgica Supplementum</i> , 2005, 93, 201-205.	0.5	22
48	Assessing and treating primary headaches and cranio-facial pain in patients undergoing rehabilitation for neurological diseases. <i>Journal of Headache and Pain</i> , 2017, 18, 99.	2.5	22
49	Gait Quality Assessment in Survivors from Severe Traumatic Brain Injury: An Instrumented Approach Based on Inertial Sensors. <i>Sensors</i> , 2019, 19, 5315.	2.1	22
50	Prescribing practice and off-label use of psychotropic medications in post-acute brain injury rehabilitation centres: A cross-sectional survey. <i>Brain Injury</i> , 2015, 29, 508-516.	0.6	20
51	Effects of Osteopathic Manipulative Therapy on Pain and Mood Disorders in Patients With High-Frequency Migraine. <i>Journal of Osteopathic Medicine</i> , 2017, 117, 365-369.	0.4	20
52	Postocclusive cerebral hyperemia is markedly attenuated by chronic trigeminal ganglionectomy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1989, 257, H1736-H1739.	1.5	19
53	Transcranial Doppler (TCD) After Nitroglycerin in Migraine Without Aura. <i>Headache</i> , 1991, 31, 596-598.	1.8	19
54	Preproenkephalin upregulation in nucleus caudalis: High and low intensity afferent stimulation differentially modulate early and late responses. <i>Journal of Comparative Neurology</i> , 1990, 302, 1002-1018.	0.9	18

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55	mtDNA A3243G MELAS mutation is not associated with multigenerational female migraine. <i>Neurology</i> , 2000, 54, 1005-1007.	1.5	18
56	Subcutaneous Sumatriptan Induces Changes in Frequency Pattern in Cluster Headache Patients. <i>Headache</i> , 2004, 44, 713-718.	1.8	18
57	Does Curved Walking Sharpen the Assessment of Gait Disorders? An Instrumented Approach Based on Wearable Inertial Sensors. <i>Sensors</i> , 2020, 20, 5244.	2.1	18
58	Assessing the Relative Incidence of Mitochondrial DNA A3243G in Migraine Without Aura With Maternal Inheritance. <i>Headache</i> , 2000, 40, 568-571.	1.8	17
59	The interplay of two single nucleotide polymorphisms in the CACNA1A gene may contribute to migraine susceptibility. <i>Neuroscience Letters</i> , 2009, 453, 12-15.	1.0	14
60	Psychiatric disorders and pain location in unilateral migraineurs. <i>Journal of Headache and Pain</i> , 2005, 6, 227-230.	2.5	13
61	Improvement rate of patients with severe brain injury during post-acute intensive rehabilitation. <i>Neurological Sciences</i> , 2018, 39, 753-755.	0.9	13
62	Cavernous angiomas of the nervous system in Italy: clinical and genetic study. <i>Neurological Sciences</i> , 2000, 21, 129-134.	0.9	11
63	Migraine. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2010, 97, 253-266.	1.0	11
64	Possible Involvement of the CACNA1E Gene in Migraine: A Search for Single Nucleotide Polymorphism in Different Clinical Phenotypes. <i>Headache</i> , 2017, 57, 1136-1144.	1.8	10
65	Migraine disease: evolution and progression. <i>Journal of Headache and Pain</i> , 2005, 6, 304-306.	2.5	9
66	Idiopathic Headaches: A Neuropsychological and Computerized Electromyographic Study. <i>Headache</i> , 1988, 28, 426-429.	1.8	7
67	The anatomy and biochemistry of headache. <i>Functional Neurology</i> , 1993, 8, 395-402.	1.3	6
68	Symptomatic cluster-like headache triggered by forehead lipoma: a case report and review of the literature. <i>Neurological Sciences</i> , 2008, 29, 331-335.	0.9	5
69	Anterior Pituitary Hormone Secretion During Treatment with Flunarizine in Migrainous Patients. <i>Clinical Neuropharmacology</i> , 1988, 11, 263-267.	0.2	4
70	A case of a rare association of spastic paraplegia and type III syndactyly. <i>European Journal of Neurology</i> , 2002, 9, 105-107.	1.7	4
71	Sumatriptan Relaxes Isolated Porcine Ophthalmic Artery. <i>Cephalalgia</i> , 1993, 13, 376-377.	1.8	3
72	Causes and mechanisms of primary headaches: toward a bio-behavioral model. <i>Italian Journal of Neurological Sciences</i> , 1995, 16, 15-19.	0.1	3

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73	Reading data in migraine acute treatment studies: from clinical trials to reviews and meta-analyses. <i>Journal of Headache and Pain</i> , 2006, 7, 160-164.	2.5	3
74	The value of the D-Dimer assay for predicting vein thrombosis in rehabilitation patients receiving prophylactic low molecular weight heparin doses. <i>Brain Injury</i> , 2007, 21, 1419-1424.	0.6	2
75	Triptan efficacy in migraine attacks: from appropriate diagnosis to metabolic profiles and pharmacogenomics. <i>Drug Development Research</i> , 2007, 68, 335-340.	1.4	2
76	Physical Therapy Exercises for Sleep Disorders in a Rehabilitation Setting for Neurological Patients: A Systematic Review and Meta-Analysis. <i>Brain Sciences</i> , 2021, 11, 1176.	1.1	2
77	The Dexamethasone Suppression Test in Essential Headache. <i>Headache</i> , 1988, 28, 51-52.	1.8	1
78	Cluster headache: management of acute attacks before triptans. <i>Italian Journal of Neurological Sciences</i> , 1999, 20, S63-S65.	0.1	1
79	Use of Bacille Calmette-Guerin (BCG) in multiple sclerosis. <i>Neurology</i> , 2000, 55, 157-157.	1.5	1
80	<p>Pain and Evil: From Local Nociception to Misery Following Social Harm</p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 1139-1154.	0.8	1
81	Post-Traumatic Headache. , 2011, , 461-469.		1
82	Spreading Depression and CGRP. <i>Cephalalgia</i> , 1993, 13, 148-148.	1.8	0
83	Sumatriptan and Membrane Potential. <i>Cephalalgia</i> , 1993, 13, 149-149.	1.8	0
84	Cortical Spreading Depression and Dural Blood Flow. <i>Cephalalgia</i> , 1994, 14, 392-392.	1.8	0
85	Efficacy of 5Ht in Migraine. <i>Cephalalgia</i> , 1999, 19, 625-625.	1.8	0
86	Triptans in clinical practice: the basic scientistâ€™s point of view. <i>Journal of Headache and Pain</i> , 2001, 2, s93-s96.	2.5	0
87	ATP1A2 gene mutations are not present in two sisters with basilar-type migraine associated with menses. <i>Neurological Sciences</i> , 2008, 29, 113-115.	0.9	0
88	O001. The Italian Consensus Conference â€œChronic Pain in Neurorehabilitationâ€- Group 29: headache and facial pain. <i>Journal of Headache and Pain</i> , 2015, 16, A132.	2.5	0
89	Evil and Pain: A Multi-modal View to Approach Pain-Related Conditions. , 2022, , 11-29.		0
90	Effect of ethylic alcohol on attentive functions involved in driving abilities. <i>Archives Italiennes De Biologie</i> , 2015, 153, 162-9.	0.1	0