

# Diego Fornasari

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,140  
citations

201385

27  
h-index

243296

44  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacotherapy for Neuropathic Pain: A Review. <i>Pain and Therapy</i> , 2017, 6, 25-33.	1.5	166
2	Adverse Effects Associated with Non-opioid and Opioid Treatment in Patients with Chronic Pain. <i>Clinical Drug Investigation</i> , 2012, 32, 53-63.	1.1	149
3	Neuronal nicotinic receptors, important new players in brain function. <i>European Journal of Pharmacology</i> , 2000, 393, 3-10.	1.7	101
4	Pain Mechanisms in Patients with Chronic Pain. <i>Clinical Drug Investigation</i> , 2012, 32, 45-52.	1.1	100
5	Distribution of nicotinic receptors in cynomolgus monkey brain and ganglia: Localization of $\alpha 3$ subunit mRNA, $\alpha$ -bungarotoxin and nicotine binding sites. <i>Neuroscience</i> , 1992, 51, 77-86.	1.1	87
6	Association between SNAP-25 gene polymorphisms and cognition in autism: functional consequences and potential therapeutic strategies. <i>Translational Psychiatry</i> , 2015, 5, e500-e500.	2.4	76
7	The Appropriate Treatment of Chronic Pain. <i>Clinical Drug Investigation</i> , 2012, 32, 21-33.	1.1	70
8	Barriers to Pain Management. <i>Clinical Drug Investigation</i> , 2012, 32, 11-19.	1.1	53
9	$\beta$ -blockers: Their new life from hypertension to cancer and migraine. <i>Pharmacological Research</i> , 2020, 151, 104587.	3.1	50
10	Acetylcholinesterase inhibitors targeting the cholinergic anti-inflammatory pathway: a new therapeutic perspective in aging-related disorders. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 823-834.	1.4	50
11	Structural and Functional Characterization of the Human $\alpha 3$ Nicotinic Subunit Gene Promoter. <i>Molecular Pharmacology</i> , 1997, 51, 250-261.	1.0	49
12	SP Proteins and PHOX2B Regulate the Expression of the Human <i>PHOX2a</i> Gene. <i>Journal of Neuroscience</i> , 2001, 21, 7037-7045.	1.7	49
13	Expression of the $\alpha 3$ nicotinic receptor subunit mRNA in aging and Alzheimer's disease. <i>Molecular Brain Research</i> , 1998, 63, 72-78.	2.5	48
14	Expression of the $\alpha 7$ nAChR subunit duplicate form (CHRFAM7A) is down-regulated in the monocytic cell line THP-1 on treatment with LPS. <i>Journal of Neuroimmunology</i> , 2011, 230, 74-84.	1.1	48
15	Chromosomal localization and physical linkage of the genes encoding the human $\alpha 3$ , $\alpha 5$ , and $\alpha 4$ neuronal nicotinic receptor subunits. <i>Genomics</i> , 1992, 12, 849-850.	1.3	47
16	Molecular cloning of human neuronal nicotinic receptor $\alpha 3$ -subunit. <i>Neuroscience Letters</i> , 1990, 111, 351-356.	1.0	45
17	Expression and Transcriptional Regulation of the Human $\alpha 3$ Neuronal Nicotinic Receptor Subunit in T Lymphocyte Cell Lines. <i>Journal of Neurochemistry</i> , 1998, 71, 1261-1270.	2.1	45
18	The TLX2 homeobox gene is a transcriptional target of PHOX2B in neural-crest-derived cells. <i>Biochemical Journal</i> , 2006, 395, 355-361.	1.7	41

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19	Neuronal and Extraneuronal Expression and Regulation of the Human $\alpha 5$ Nicotinic Receptor Subunit Gene. <i>Journal of Neurochemistry</i> , 2001, 75, 18-27.	2.1	40
20	PHOX2B-Mediated Regulation of ALK Expression: In Vitro Identification of a Functional Relationship between Two Genes Involved in Neuroblastoma. <i>PLoS ONE</i> , 2010, 5, e13108.	1.1	40
21	Management of Osteoarthritis: Expert Opinion on NSAIDs. <i>Pain and Therapy</i> , 2021, 10, 783-808.	1.5	40
22	PHOX2B Regulates Its Own Expression by a Transcriptional Auto-regulatory Mechanism. <i>Journal of Biological Chemistry</i> , 2005, 280, 37439-37448.	1.6	37
23	Transcription Factor PHOX2A Regulates the Human $\alpha 3$ Nicotinic Receptor Subunit Gene Promoter. <i>Journal of Biological Chemistry</i> , 2007, 282, 13290-13302.	1.6	34
24	In vitro drug treatments reduce the deleterious effects of aggregates containing polyAla expanded PHOX2B proteins. <i>Neurobiology of Disease</i> , 2012, 45, 508-518.	2.1	32
25	Functional variations modulating PRKCA expression and alternative splicing predispose to multiple sclerosis. <i>Human Molecular Genetics</i> , 2014, 23, 6746-6761.	1.4	32
26	Transcriptional dysregulation and impairment of PHOX2B auto-regulatory mechanism induced by polyalanine expansion mutations associated with congenital central hypoventilation syndrome. <i>Neurobiology of Disease</i> , 2013, 50, 187-200.	2.1	29
27	Effect of donepezil on the expression and responsiveness to LPS of CHRNA7 and CHRFA7A in macrophages: A possible link to the cholinergic anti-inflammatory pathway. <i>Journal of Neuroimmunology</i> , 2019, 332, 155-166.	1.1	29
28	Structural and functional differences in <i>PHOX2B</i> frameshift mutations underlie isolated or syndromic congenital central hypoventilation syndrome. <i>Human Mutation</i> , 2018, 39, 219-236.	1.1	28
29	The binding site for $\alpha$ -bungarotoxin resides in the sequence 188-201 of the $\alpha$ -subunit of acetylcholine receptor: Structure, conformation and binding characteristics of peptide [Lys] 188-201. <i>Neuroscience Letters</i> , 1987, 82, 113-120.	1.0	26
30	Transcriptional regulation of the human $\alpha 5$ nicotinic receptor subunit gene in neuronal and non-neuronal tissues. <i>European Journal of Pharmacology</i> , 2000, 393, 85-95.	1.7	26
31	Tryptophan hydroxylase type 2 variants modulate severity and outcome of addictive behaviors in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 29, 96-103.	1.1	26
32	The expression of the human neuronal $\alpha 3$ Na <sup>+</sup> ,K <sup>+</sup> -ATPase subunit gene is regulated by the activity of the Sp1 and NF-Y transcription factors. <i>Biochemical Journal</i> , 2005, 386, 63-72.	1.7	25
33	In vivo RNA-RNA duplexes from human $\alpha 3$ and $\alpha 5$ nicotinic receptor subunit mRNAs. <i>Gene</i> , 2005, 345, 155-164.	1.0	24
34	The Minimal Promoter of the Human $\alpha 3$ Nicotinic Receptor Subunit Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 41495-41503.	1.6	22
35	Transcriptional regulation of TLX2 and impaired intestinal innervation: possible role of the PHOX2A and PHOX2B genes. <i>European Journal of Human Genetics</i> , 2007, 15, 848-855.	1.4	22
36	Aflibercept in the Treatment of Diabetic Macular Edema: A Review and Consensus Paper. <i>European Journal of Ophthalmology</i> , 2017, 27, 627-639.	0.7	22

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37	Extremely low-frequency electromagnetic field (ELF-EMF) does not affect the expression of $\hat{1}\pm 3$ , $\hat{1}\pm 5$ and $\hat{1}\pm 7$ nicotinic receptor subunit genes in SH-SY5Y neuroblastoma cell line. <i>Toxicology Letters</i> , 2006, 164, 268-277.	0.4	20
38	LIN7 regulates the filopodia and neurite promoting activity of IRSp53. <i>Journal of Cell Science</i> , 2012, 125, 4543-54.	1.2	20
39	Alanine Expansions Associated with Congenital Central Hypoventilation Syndrome Impair PHOX2B Homeodomain-mediated Dimerization and Nuclear Import. <i>Journal of Biological Chemistry</i> , 2016, 291, 13375-13393.	1.6	19
40	Research Advances on Therapeutic Approaches to Congenital Central Hypoventilation Syndrome (CCHS). <i>Frontiers in Neuroscience</i> , 2020, 14, 615666.	1.4	19
41	Acetyl-L-carnitine in chronic pain: A narrative review. <i>Pharmacological Research</i> , 2021, 173, 105874.	3.1	18
42	The Expression of GHS-R in Primary Neurons Is Dependent upon Maturation Stage and Regional Localization. <i>PLoS ONE</i> , 2013, 8, e64183.	1.1	18
43	The E3 ubiquitin ligase TRIM11 mediates the degradation of congenital central hypoventilation syndrome-associated polyalanine-expanded PHOX2B. <i>Journal of Molecular Medicine</i> , 2012, 90, 1025-1035.	1.7	17
44	Not All Pain is Created Equal: Basic Definitions and Diagnostic Work-Up. <i>Pain and Therapy</i> , 2020, 9, 1-15.	1.5	17
45	Breakthrough Cancer Pain (BTcP): a Synthesis of Taxonomy, Pathogenesis, Therapy, and Good Clinical Practice in Adult Patients in Italy. <i>Advances in Therapy</i> , 2014, 31, 657-682.	1.3	16
46	Pain pharmacology: focus on opioids. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2014, 11, 165-8.	1.0	15
47	The expression of PHOX2A, PHOX2B and of their target gene dopamine- $\hat{1}^2$ -hydroxylase (D $\hat{1}^2$ H) is not modified by exposure to extremely-low-frequency electromagnetic field (ELF-EMF) in a human neuronal model. <i>Toxicology in Vitro</i> , 2008, 22, 1489-1495.	1.1	13
48	The Human-Restricted Isoform of the $\hat{1}\pm 7$ nAChR, CHRFA7A: A Double-Edged Sword in Neurological and Inflammatory Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3463.	1.8	13
49	Desogestrel down-regulates PHOX2B and its target genes in progesterone responsive neuroblastoma cells. <i>Experimental Cell Research</i> , 2018, 370, 671-679.	1.2	12
50	Identification and characterization of regulatory elements in the promoter of ACVR1, the gene mutated in Fibrodysplasia Ossificans Progressiva. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 145.	1.2	11
51	Paracetamol: a probably still safe drug. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, e57-e57.	0.5	11
52	Identification of novel pathways and molecules able to down-regulate PHOX2B gene expression by in vitro drug screening approaches in neuroblastoma cells. <i>Experimental Cell Research</i> , 2015, 336, 43-57.	1.2	9
53	PHOX2A and PHOX2B are differentially regulated during retinoic acid-driven differentiation of SK-N-BE(2)C neuroblastoma cell line. <i>Experimental Cell Research</i> , 2016, 342, 62-71.	1.2	9
54	Molecular insights into the role of the polyalanine region in mediating <sc>PHOX</sc>2B aggregation. <i>FEBS Journal</i> , 2019, 286, 2505-2521.	2.2	9

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55	Molecular mechanism of the aryl hydrocarbon receptor activation by the fungicide iprodione in rainbow trout ( <i>Oncorhynchus mykiss</i> ) hepatocytes. <i>Aquatic Toxicology</i> , 2005, 72, 209-220.	1.9	7
56	Advances in the molecular biology and pathogenesis of congenital central hypoventilation syndrome—implications for new therapeutic targets. <i>Expert Opinion on Orphan Drugs</i> , 2018, 6, 719-731.	0.5	6
57	Pharmacology of pain. <i>Reumatismo</i> , 2014, 66, 14-17.	0.4	5
58	Novel localisation and possible function of LIN7 and IRSp53 in mitochondria of HeLa cells. <i>European Journal of Cell Biology</i> , 2016, 95, 285-293.	1.6	5
59	Pharmacological Management of Adults with Chronic Non-Cancer Pain in General Practice. <i>Pain and Therapy</i> , 2020, 9, 17-28.	1.5	5
60	The Pharmacogenetics of Morphine-Induced Analgesia: A Case Report. <i>Journal of Pain and Symptom Management</i> , 2008, 36, e10-e12.	0.6	4
61	Etonogestrel Administration Reduces the Expression of PHOX2B and Its Target Genes in the Solitary Tract Nucleus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4816.	1.8	3
62	Transgenic Mice Expressing Human $\beta$ Na,K-ATPase Isoform in Heart. <i>Annals of the New York Academy of Sciences</i> , 1997, 834, 687-689.	1.8	1
63	Regular use of acetaminophen or acetaminophen—codeine combinations and prescription of rescue therapy with non-steroidal anti-inflammatory drugs: a population-based study in primary care. <i>Current Medical Research and Opinion</i> , 2017, 33, 1141-1148.	0.9	1
64	Neuronal nicotinic receptors (nNACHRs). <i>Expert Opinion on Therapeutic Targets</i> , 1998, 2, 43-44.	1.0	0
65	Functional expression of an $\alpha 5\beta 2$ nicotinic acetylcholine receptor. <i>Biochemical Pharmacology</i> , 2009, 78, 901.	2.0	0
66	SOD1 stimulates lamellipodial protrusions in Neuro 2A cell lines. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-7.	0.6	0
67	Neuropharmacology of Pain. <i>Urodynamics, Neurourology and Pelvic Floor Dysfunctions</i> , 2021, , 191-199.	0.0	0
68	Generation of two hiPSC lines (UMILi027-A and UMILi028-A) from early and late-onset Congenital Central hypoventilation Syndrome (CCHS) patients carrying a polyalanine expansion mutation in the PHOX2B gene. <i>Stem Cell Research</i> , 2022, 61, 102781.	0.3	0