

Luca Filippi

List of Publications by Year in descending order

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112
papers

3,233
citations

117625
34
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189892
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all docs

112
docs citations

112
times ranked

3324
citing authors

#	ARTICLE	IF	CITATIONS
1	Infantile hemangiomas β -adrenoceptor overexpression is associated with nonresponse to propranolol. <i>Pediatric Research</i> , 2022, 91, 163-170.	2.3	5
2	Decoupling Oxygen Tension From Retinal Vascularization as a New Perspective for Management of Retinopathy of Prematurity. New Opportunities From β -adrenoceptors. <i>Frontiers in Pharmacology</i> , 2022, 13, 835771.	3.5	15
3	β -Adrenoceptor, a novel player in the round-trip from neonatal diseases to cancer: Suggestive clues from embryo. <i>Medicinal Research Reviews</i> , 2022, 42, 1179-1201.	10.5	11
4	Maternal anthropometric variables and clinical factors shape neonatal microbiome. <i>Scientific Reports</i> , 2022, 12, 2875.	3.3	2
5	HIF-1-Dependent Induction of β 3 Adrenoceptor: Evidence from the Mouse Retina. <i>Cells</i> , 2022, 11, 1271.	4.1	9
6	The Genetic Basis of Dormancy and Awakening in Cutaneous Metastatic Melanoma. <i>Cancers</i> , 2022, 14, 2104.	3.7	6
7	Neurosensory Alterations in Retinopathy of Prematurity: A Window to Neurological Impairments Associated to Preterm Birth. <i>Biomedicines</i> , 2022, 10, 1603.	3.2	5
8	The potential role of propranolol in incontinentia pigmenti. <i>Dermatologic Therapy</i> , 2021, 34, e14737.	1.7	3
9	β -adrenoreceptor blockade reduces tumor growth and increases neuronal differentiation in neuroblastoma via SK2/S1P2 modulation. <i>Oncogene</i> , 2020, 39, 368-384.	5.9	37
10	β -Adrenoceptors as Putative Regulator of Immune Tolerance in Cancer and Pregnancy. <i>Frontiers in Immunology</i> , 2020, 11, 2098.	4.8	10
11	A safety review of drugs used for the treatment of retinopathy of prematurity. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 1409-1418.	2.4	7
12	Effect of Beta 3 Adrenoreceptor Modulation on Patency of the Ductus Arteriosus. <i>Cells</i> , 2020, 9, 2625.	4.1	7
13	Preliminary Study on β -Adrenoreceptor as Predictor Marker of Relapse in Ewing Sarcoma Patients. <i>Biomedicines</i> , 2020, 8, 413.	3.2	3
14	Current Therapies and New Targets to Fight Melanoma: A Promising Role for the β -Adrenoreceptor. <i>Cancers</i> , 2020, 12, 1415.	3.7	11
15	β -Adrenoreceptor Blockade Reduces Hypoxic Myeloid Leukemic Cells Survival and Chemoresistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4210.	4.1	8
16	β -Adrenoreceptor Blockade Induces Stem Cells Differentiation in Melanoma Microenvironment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1420.	4.1	19
17	Decompressive Fasciotomy in an Extremely Preterm Newborn with Compartment Syndrome. <i>Journal of Pediatrics</i> , 2019, 214, 232-233.e1.	1.8	3
18	Propranolol 0.2% Eye Micro-Drops for Retinopathy of Prematurity: A Prospective Phase IIB Study. <i>Frontiers in Pediatrics</i> , 2019, 7, 180.	1.9	31

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19	Î²3-Adrenoreceptor Activity Limits Apigenin Efficacy in Ewing Sarcoma Cells: A Dual Approach to Prevent Cell Survival. International Journal of Molecular Sciences, 2019, 20, 2149.	4.1	9
20	Î²3-Adrenoceptor as a potential immuno-suppressor agent in melanoma. British Journal of Pharmacology, 2019, 176, 2509-2524.	5.4	49
21	Refractive Outcome in Preterm Newborns With ROP After Propranolol Treatment. A Retrospective Observational Cohort Study. Frontiers in Pediatrics, 2019, 7, 479.	1.9	1
22	Î²3-Adrenoceptors as drug targets in melanoma: novel preclinical evidence for a role of Î²3-adrenoceptors. British Journal of Pharmacology, 2019, 176, 2496-2508.	5.4	28
23	Haematohidrosis treated with propranolol: a case report. Archives of Disease in Childhood, 2019, 104, 171-171.	1.9	5
24	Neuroprotective effects of topiramate and memantine in combination with hypothermia in hypoxic-ischemic brain injury in vitro and in vivo. Neuroscience Letters, 2018, 668, 103-107.	2.1	37
25	Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI): a feasibility study. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 973-980.	1.5	50
26	Propranolol eye drops in patients with corneal neovascularization. Medicine (United States), 2018, 97, e13002.	1.0	3
27	Î²3-Adrenoreceptors Control Mitochondrial Dormancy in Melanoma and Embryonic Stem Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	34
28	Discovery of Î²-Adrenergic Receptor Blocker-Carbonic Anhydrase Inhibitor Hybrids for Multitargeted Antiglaucoma Therapy. Journal of Medicinal Chemistry, 2018, 61, 5380-5394.	6.4	53
29	Incidence of Sudden Unexpected Postnatal Collapse in the Therapeutic Hypothermia Era. American Journal of Perinatology, 2017, 34, 1362-1367.	1.4	5
30	Probiotic supplementation in preterm infants does not affect the risk of retinopathy of prematurity: a meta-analysis of randomized controlled trials. Scientific Reports, 2017, 7, 13014.	3.3	22
31	Propranolol 0.1% eye micro-drops in newborns with retinopathy of prematurity: a pilot clinical trial. Pediatric Research, 2017, 81, 307-314.	2.3	24
32	The Beta Adrenergic Receptor Blocker Propranolol Counteracts Retinal Dysfunction in a Mouse Model of Oxygen Induced Retinopathy: Restoring the Balance between Apoptosis and Autophagy. Frontiers in Cellular Neuroscience, 2017, 11, 395.	3.7	34
33	Study protocol: safety and efficacy of propranolol 0.2% eye drops in newborns with a precocious stage of retinopathy of prematurity (DROP-ROP-0.2%): a multicenter, open-label, single arm, phase II trial. BMC Pediatrics, 2017, 17, 165.	1.7	9
34	Successful Propranolol Treatment of a Kaposiform Hemangioendothelioma Apparently Resistant to Propranolol. Pediatric Blood and Cancer, 2016, 63, 1290-1292.	1.5	16
35	Protective Effects of Î²2 Adrenergic Receptor Deletion in a Model of Oxygen-Induced Retinopathy. Investigative Ophthalmology and Visual Science, 2015, 56, 59-73.	3.3	21
36	Fetal programming and systemic sclerosis. American Journal of Obstetrics and Gynecology, 2015, 213, 839.e1-839.e8.	1.3	7

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37	Infantile Hemangiomas, Retinopathy of Prematurity and Cancer: A Common Pathogenetic Role of the β -Adrenergic System. <i>Medicinal Research Reviews</i> , 2015, 35, 619-652.	10.5	36
38	Sleeping problems in mothers and fathers of patients suffering from congenital central hypoventilation syndrome. <i>Sleep and Breathing</i> , 2015, 19, 1057-1064.	1.7	11
39	Role of host β 1- and β 2-adrenergic receptors in a murine model of B16 melanoma: functional involvement of β 3-adrenergic receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1317-1331.	3.0	26
40	β 3-adrenoreceptor and tumor microenvironment: a new hub. <i>Oncolmunology</i> , 2015, 4, e1026532.	4.6	6
41	Norepinephrine promotes tumor microenvironment reactivity through β 3-adrenoreceptors during melanoma progression. <i>Oncotarget</i> , 2015, 6, 4615-4632.	1.8	82
42	Pharmacokinetics and local safety profile of propranolol eye drops in rabbits. <i>Pediatric Research</i> , 2014, 76, 378-385.	2.3	14
43	The β 2-adrenergic system as a possible new target for pharmacologic treatment of neovascular retinal diseases. <i>Progress in Retinal and Eye Research</i> , 2014, 42, 103-129.	15.5	64
44	The pathophysiology of retinopathy of prematurity: an update of previous and recent knowledge. <i>Acta Ophthalmologica</i> , 2014, 92, 2-20.	1.1	146
45	Functional involvement of β 3-adrenergic receptors in melanoma growth and vascularization. <i>Journal of Molecular Medicine</i> , 2013, 91, 1407-1419.	3.9	78
46	Beta3-adrenergic receptors modulate vascular endothelial growth factor release in response to hypoxia through the nitric oxide pathway in mouse retinal explants. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 269-278.	3.0	46
47	Oral Propranolol for Retinopathy of Prematurity: Risks, Safety Concerns, and Perspectives. <i>Journal of Pediatrics</i> , 2013, 163, 1570-1577.e6.	1.8	80
48	Eye drop propranolol administration promotes the recovery of oxygen-induced retinopathy in mice. <i>Experimental Eye Research</i> , 2013, 111, 27-35.	2.6	43
49	A rapid liquid chromatography tandem mass spectrometry-based method for measuring propranolol on dried blood spots. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 78-79, 34-38.	2.8	25
50	Further data on beta-blockers and cancer risk: observational study and meta-analysis of randomized clinical trials. <i>Current Medical Research and Opinion</i> , 2013, 29, 369-378.	1.9	35
51	Heart Rate and Arterial Pressure Changes during Whole-Body Deep Hypothermia. <i>ISRN Pediatrics</i> , 2013, 2013, 1-6.	1.2	14
52	Propranolol concentrations after oral administration in term and preterm neonates. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 833-840.	1.5	34
53	Expression of β 2-adrenergic receptors in pediatric malignant brain tumors. <i>Oncology Letters</i> , 2013, 5, 221-225.	1.8	14
54	Strategies for reducing the incidence of skin complications in newborns treated with whole-body hypothermia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 2115-2121.	1.5	18

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55	Hypothermia for neonatal hypoxic-ischemic encephalopathy: may an early amplitude-integrated EEG improve the selection of candidates for cooling?. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2171-2176.	1.5	6
56	Different Efficacy of Propranolol in Mice with Oxygen-Induced Retinopathy: Could Differential Effects of Propranolol Be Related to Differences in Mouse Strains?. , 2012, 53, 7421.		13
57	Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI). BMC Pediatrics, 2012, 12, 144.	1.7	28
58	Beta-Adrenoreceptor Agonism Influences Retinal Responses to Hypoxia in a Model of Retinopathy of Prematurity. , 2012, 53, 2181.		42
59	Development of an UPLC-MS/MS method for the determination of antibiotic ertapenem on dried blood spots. Journal of Pharmaceutical and Biomedical Analysis, 2012, 61, 108-113.	2.8	49
60	Role of the Adrenergic System in a Mouse Model of Oxygen-Induced Retinopathy: Antiangiogenic Effects of β_2 -Adrenoreceptor Blockade. , 2011, 52, 155.		141
61	New developments in the treatment of hyperammonemia: emerging use of carglumic acid. International Journal of General Medicine, 2011, 4, 21.	1.8	54
62	Rescue treatment with terlipressin in different scenarios of refractory hypotension in newborns and infants. Pediatric Critical Care Medicine, 2011, 12, e237-e241.	0.5	26
63	Time to move on. Pediatric Critical Care Medicine, 2011, 12, 481.	0.5	1
64	Antiangiogenic effects of β_2 -adrenergic receptor blockade in a mouse model of oxygen-induced retinopathy. Journal of Neurochemistry, 2011, 119, 1317-1329.	3.9	85
65	Phenobarbital for neonatal seizures in hypoxic ischemic encephalopathy: A pharmacokinetic study during whole body hypothermia. Epilepsia, 2011, 52, 794-801.	5.1	79
66	Rapid assay of rufinamide in dried blood spots by a new liquid chromatography-tandem mass spectrometric method. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 192-197.	2.8	48
67	Does pulmonary function change during whole-body deep hypothermia?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, F374-F377.	2.8	9
68	Persistent pulmonary hypertension of the newborn refractory to inhaled nitric oxide and prostacyclin, responsive to neuromuscular blockade. Minerva Pediatrica, 2011, 63, 233-5.	2.7	1
69	Oral Topiramate in Neonates with Hypoxic Ischemic Encephalopathy Treated with Hypothermia: A Safety Study. Journal of Pediatrics, 2010, 157, 361-366.	1.8	64
70	Study protocol: safety and efficacy of propranolol in newborns with Retinopathy of Prematurity (PROP-ROP): ISRCTN18523491. BMC Pediatrics, 2010, 10, 83.	1.7	50
71	<i>N-Carbamylglutamate in Emergency Management of Hyperammonemia in Neonatal Acute Onset Propionic and Methylmalonic Aciduria. Neonatology, 2010, 97, 286-290.	2.0	60
72	Vagal bradycardia at term. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 901-903.	1.5	5

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73	Neonatal liver abscesses due to Candida infection effectively treated with caspofungin. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 906-909.	1.5	22
74	A new rapid micromethod for the assay of phenobarbital from dried blood spots by LC-tandem mass spectrometry. Epilepsia, 2009, 50, 2658-2662.	5.1	50
75	Topiramate concentrations in neonates treated with prolonged whole body hypothermia for hypoxic ischemic encephalopathy. Epilepsia, 2009, 50, 2355-2361.	5.1	75
76	Insulin-resistant hyperglycaemia complicating neonatal onset of methylmalonic and propionic acidemias. Journal of Inherited Metabolic Disease, 2009, 32, 179-186.	3.6	18
77	Rapid assay of topiramate in dried blood spots by a new liquid chromatography-tandem mass spectrometric method. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 1392-1396.	2.8	87
78	Refractory persistent pulmonary hypertension of the newborn responsive to neuromuscular blockade. Early Human Development, 2008, 84, S88.	1.8	0
79	Terlipressin as rescue treatment of refractory shock in a neonate. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 500-501.	1.5	23
80	Congenital Microgastria and Primary Ciliary Dyskinesia in a Newborn with DiGeorge Syndrome and 22q11.2 Deletion. European Journal of Pediatric Surgery, 2008, 18, 195-197.	1.3	7
81	Fusidic acid and heparin lock solution for the prevention of catheter-related bloodstream infections in neonates cannot be recommended as a routine yet. Pediatric Critical Care Medicine, 2008, 9, 668.	0.5	0
82	Dopamine Administration in Very Low Birth Weight Preterm Infants: Emerging Issues on Endocrine Effects. Current Pediatric Reviews, 2007, 3, 141-166.	0.8	0
83	Diagnosis of Gastro-Oesophageal Reflux in Preterm Infants: Sonography vs. pH-Monitoring. Neonatology, 2007, 91, 162-166.	2.0	10
84	Dopamine versus dobutamine in very low birthweight infants: endocrine effects. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2007, 92, F367-F371.	2.8	60
85	Fusidic acid and heparin lock solution for the prevention of catheter-related bloodstream infections in critically ill neonates: A retrospective study and a prospective, randomized trial*. Pediatric Critical Care Medicine, 2007, 8, 556-562.	0.5	40
86	Vein of Galen aneurysmal malformation and galactosemia in a neonate: a previously unreported association. Paediatric Anaesthesia, 2007, 17, 1221-1223.	1.1	1
87	Temporary Epicardial Pacing in an Extremely Low-Birth-Weight Infant with Congenital Atrioventricular Block. Congenital Heart Disease, 2007, 2, 199-202.	0.2	11
88	Inhaled nitric oxide in very preterm infants with severe respiratory distress syndrome. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 1116-1123.	1.5	55
89	Dopamine infusion: A possible cause of undiagnosed congenital hypothyroidism in preterm infants. Pediatric Critical Care Medicine, 2006, 7, 249-251.	0.5	27
90	Effects of Pressure Support Ventilation Plus Volume Guarantee vs. High-frequency Oscillatory Ventilation on Lung Inflammation in Preterm Infants. Pediatric Pulmonology, 2006, 41, 242-249.	2.0	37

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91	Brain Hemodynamic Effects of Doxapram in Preterm Infants. Neonatology, 2006, 89, 69-74.	2.0	43
92	Dopamine Infusion and Anterior Pituitary Gland Function in Very Low Birth Weight Infants. Neonatology, 2006, 89, 274-280.	2.0	17
93	Pericentric inversion of chromosome 2 and echogenic vasculature in the basal ganglia: A new finding?. Journal of Clinical Ultrasound, 2005, 33, 146-148.	0.8	0
94	Use of polyvinyl feeding tubes and iatrogenic pharyngo-oesophageal perforation in very-low-birthweight infants. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1825-1828.	1.5	21
95	Fluconazole Prophylaxis Prevents Invasive Fungal Infection in High-risk, Very Low Birth Weight Infants. Journal of Pediatrics, 2005, 147, 162-165.	1.8	122
96	Pulmonary Hypertension of the Neonate Resistant to Inhaled Nitric Oxide. Journal of Pediatrics, 2005, 147, 867.	1.8	0
97	Use of polyvinyl feeding tubes and iatrogenic pharyngo-oesophageal perforation in very-low-birthweight infants. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1825-1828.	1.5	21
98	Congenital syphilis: unique clinical presentation in three preterm newborns. Journal of Perinatal Medicine, 2004, 32, 90-4.	1.4	8
99	Dopamine infusion and hypothyroxinaemia in very low birth weight preterm infants. European Journal of Pediatrics, 2004, 163, 7-13.	2.7	38
100	Central venous catheters and cardiac tamponade in preterm infants. Intensive Care Medicine, 2004, 30, 2253-2256.	8.2	49
101	Hypernatraemia induced by sodium polystyrene sulphonate (Kayexalate®) in two extremely low birth weight newborns. Paediatric Anaesthesia, 2004, 14, 271-275.	1.1	25
102	Paradoxical embolism in a preterm infant. Developmental Medicine and Child Neurology, 2004, 46, 713-6.	2.1	9
103	Paradoxical embolism in a preterm infant. Developmental Medicine and Child Neurology, 2004, 46, 713-716.	2.1	17
104	Effects of phototherapy on cerebral haemodynamics in preterm infants: is fibre-optic different from conventional phototherapy?. Developmental Medicine and Child Neurology, 2004, 46, 114-8.	2.1	6
105	Umbilical Cord Care in Premature Infants: The Effect of Two Different Cord-Care Regimens (Salicylic) Tj ETQq1 1 0.784314 rgBT /Overbo e275-e275.	2.1	27
106	Early postnatal Doppler assessment of cerebral blood flow velocity in healthy preterm and term infants. Developmental Medicine and Child Neurology, 2002, 44, 745-52.	2.1	18
107	Shwachman Syndrome in a Preterm Newborn Associated With Transient Diabetes Mellitus. Journal of Pediatric Gastroenterology and Nutrition, 2002, 34, 219-223.	1.8	11
108	Pathogenic Mechanism, Prophylaxis, and Therapy of Symptomatic Acidosis Induced by Acetazolamide. Journal of Investigative Medicine, 2002, 50, 125-132.	1.6	28

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109	Cephaloskeletal dysplasia (Taybi-Linder syndrome; osteodysplastic primordial dwarfism type III): report of two cases and review of the literature. <i>Pediatric Radiology</i> , 2000, 30, 644-652.	2.0	14
110	Biochemical evaluation of a patient with a familial form of leucine-sensitive hypoglycemia and concomitant hyperammonemia. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 957-960.	3.4	85
111	Different neurologic outcomes in two patients with neonatal hyperinsulinemic hypoglycemia. <i>Child's Nervous System</i> , 1996, 12, 413-416.	1.1	7
112	Cryptogenic Hepatitis Masking the Diagnosis of Ornithine Transcarbamylase Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1996, 22, 380-383.	1.8	12