

# Luca Vedovelli

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

708  
citations

643344

15  
h-index

721071

23  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social skills and psychopathology are associated with autonomic function in children: a cross-sectional observational study. <i>Neural Regeneration Research</i> , 2022, 17, 920.	1.6	4
2	Meta-Analysis of Lung Ultrasound Scores for Early Prediction of Bronchopulmonary Dysplasia. <i>Annals of the American Thoracic Society</i> , 2022, 19, 659-667.	1.5	37
3	Protective continuous ventilation strategy during cardiopulmonary bypass in children undergoing surgery for congenital heart disease: a prospective study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	0.5	1
4	RNA Sequencing of Epithelial Cell/Fibroblastic Foci Sandwich in Idiopathic Pulmonary Fibrosis: New Insights on the Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3323.	1.8	11
5	Embrace the Complexity: Agnostic Evaluation of Children's Neuropsychological Performances Reveals Hidden Neurodevelopment Patterns. <i>Children</i> , 2022, 9, 775.	0.6	3
6	Epithelioid Pleural Mesothelioma Is Characterized by Tertiary Lymphoid Structures in Long Survivors: Results from the MATCH Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5786.	1.8	9
7	Neonatal spectral EEG is prognostic of cognitive abilities at school age in premature infants without overt brain damage. <i>European Journal of Pediatrics</i> , 2021, 180, 909-918.	1.3	18
8	Long-term experience with the one-and-a-half ventricle repair for simple and complex congenital heart defects. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 244-252.	0.6	2
9	Over-specialization versus synergy in neuroscience: professionals' integration is more than the sum of its parts. <i>Neural Regeneration Research</i> , 2021, 16, 2232.	1.6	2
10	Detecting neurodevelopmental trajectories in congenital heart diseases with a machine-learning approach. <i>Scientific Reports</i> , 2021, 11, 2574.	1.6	11
11	Resting Energy Expenditure in the Elderly: Systematic Review and Comparison of Equations in an Experimental Population. <i>Nutrients</i> , 2021, 13, 458.	1.7	8
12	Chorioamnionitis alters lung surfactant lipidome in newborns with respiratory distress syndrome. <i>Pediatric Research</i> , 2021, 90, 1039-1043.	1.1	8
13	P14/ARF-Positive Malignant Pleural Mesothelioma: A Phenotype With Distinct Immune Microenvironment. <i>Frontiers in Oncology</i> , 2021, 11, 653497.	1.3	8
14	Machine learning-based analysis of alveolar and vascular injury in SARS-CoV-2 acute respiratory failure. <i>Journal of Pathology</i> , 2021, 254, 173-184.	2.1	28
15	Bioengineered percutaneous heart valves for transcatheter aortic valve replacement: a comparative evaluation of decellularised bovine and porcine pericardia. <i>Materials Science and Engineering C</i> , 2021, 123, 111936.	3.8	8
16	The Diagnostic Yield of the Multidisciplinary Discussion in Patients With COVID-19 Pneumonia. <i>Frontiers in Medicine</i> , 2021, 8, 637872.	1.2	5
17	Lower Gene Expression of Angiotensin Converting Enzyme 2 Receptor in Lung Tissues of Smokers With COVID-19 Pneumonia. <i>Biomolecules</i> , 2021, 11, 796.	1.8	2
18	Chronic lung allograft pathology lesions in two rat strain combinations. <i>Journal of Thoracic Disease</i> , 2021, 13, 2833-2843.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Perioperative Glial Fibrillary Acidic Protein Is Associated with Long-Term Neurodevelopment Outcome of Infants with Congenital Heart Disease. <i>Children</i> , 2021, 8, 655.	0.6	6
20	Proven COVID-19-associated pulmonary aspergillosis in patients with severe respiratory failure. <i>Mycoses</i> , 2021, 64, 1223-1229.	1.8	32
21	Covalent functionalization of decellularized tissues accelerates endothelialization. <i>Bioactive Materials</i> , 2021, 6, 3851-3864.	8.6	10
22	Long-Term Outcomes after Neonatal Hypoxic-Ischemic Encephalopathy in the Era of Therapeutic Hypothermia: A Longitudinal, Prospective, Multicenter Case-Control Study in Children without Overt Brain Damage. <i>Children</i> , 2021, 8, 1076.	0.6	4
23	Prognostic role of Mini-Mental State Pediatric Examination (MMSPE) on neuropsychological functioning. <i>Neurological Sciences</i> , 2020, 41, 619-623.	0.9	2
24	Nutrients and Caloric Intake Associated with Fruits, Vegetables, and Legumes in the Elderly European Population. <i>Nutrients</i> , 2020, 12, 2746.	1.7	6
25	Abnormal heart rate variability at school age in survivors of neonatal hypoxic-ischemic encephalopathy managed with therapeutic hypothermia. <i>European Journal of Paediatric Neurology</i> , 2020, 29, 66-70.	0.7	5
26	Surfactant-secreted phospholipase A2 interplay and respiratory outcome in preterm neonates. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L95-L104.	1.3	11
27	White matter injury and neurodevelopmental disabilities: A cross-disease (dis)connection. <i>Progress in Neurobiology</i> , 2020, 193, 101845.	2.8	43
28	Alternative techniques of right ventricular outflow tract reconstruction for surgical repair of truncus arteriosus. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 910-916.	0.5	2
29	A Comprehensive Comparison of Bovine and Porcine Decellularized Pericardia: New Insights for Surgical Applications. <i>Biomolecules</i> , 2020, 10, 371.	1.8	42
30	Dietary and Lifestyle Patterns are Associated with Heart Rate Variability. <i>Journal of Clinical Medicine</i> , 2020, 9, 1121.	1.0	10
31	Tracing exogenous surfactant in vivo in rabbits by the natural variation of <sup>13</sup> C. <i>Respiratory Research</i> , 2019, 20, 158.	1.4	2
32	Pre-surgery urine metabolomics may predict late neurodevelopmental outcome in children with congenital heart disease. <i>Heliyon</i> , 2019, 5, e02547.	1.4	15
33	Urinary metabolomics reveals kynurenine pathway perturbation in newborns with transposition of great arteries after surgical repair. <i>Metabolomics</i> , 2019, 15, 145.	1.4	18
34	Topical application of lyophilized and powdered human amniotic membrane promotes diabetic ulcer healing. <i>Wound Medicine</i> , 2019, 27, 100171.	2.7	2
35	Surgery for anomalous aortic origin of coronary arteries: a multicentre study from the European Congenital Heart Surgeons Association. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 696-703.	0.6	24
36	Anomalous aortic origin of coronary arteries: Early results on clinical management from an international multicenter study. <i>International Journal of Cardiology</i> , 2019, 291, 189-193.	0.8	15

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37	Influence of the type of congenital heart defects on epithelial lining fluid composition in infants undergoing cardiac surgery with cardiopulmonary bypass. <i>Pediatric Research</i> , 2018, 83, 791-797.	1.1	5
38	The maternal-fetal gradient of free and esterified phytosterols at the time of delivery in humans. <i>Clinical Nutrition</i> , 2018, 37, 2107-2112.	2.3	9
39	Plasma Phytosterol Half-Life and Levels Are Increased in Very Low Birth Weight Preterm Infants with Parenteral Nutrition-Associated Cholestasis. <i>Lipids</i> , 2018, 53, 717-725.	0.7	4
40	Cardiopulmonary-Bypass Glial Fibrillary Acidic Protein Correlates With Neurocognitive Skills. <i>Annals of Thoracic Surgery</i> , 2018, 106, 792-798.	0.7	25
41	Glial fibrillary acidic protein plasma levels are correlated with degree of hypothermia during cardiopulmonary bypass in congenital heart disease surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, iw395.	0.5	19
42	Cardiopulmonary Bypass Increases Plasma Glial Fibrillary Acidic Protein Only in First Stage Palliation of Hypoplastic Left Heart Syndrome. <i>Canadian Journal of Cardiology</i> , 2016, 32, 355-361.	0.8	14
43	Neonatal Respiratory Diseases in the Newborn Infant: Novel Insights from Stable Isotope Tracer Studies. <i>Neonatology</i> , 2016, 109, 325-333.	0.9	9
44	Double blind exploratory study on de novo lipogenesis in preterm infants on parenteral nutrition with a lipid emulsion containing 10% fish oil. <i>Clinical Nutrition</i> , 2016, 35, 337-343.	2.3	8
45	Surfactant protein B and A concentrations are increased in neonatal pneumonia. <i>Pediatric Research</i> , 2015, 78, 401-406.	1.1	21
46	Effects of amniotic membrane extract on primary human corneal epithelial and limbal cells. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 443-448.	1.3	32
47	Pulmonary surfactant synthesis after unilateral lung injury in mice. <i>Journal of Applied Physiology</i> , 2014, 116, 210-215.	1.2	8
48	Circulating aldosterone induces the apical accumulation of the proton pumping V-ATPase and increases proton secretion in clear cells in the caput epididymis. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C436-C446.	2.1	18
49	Altered V-ATPase expression in renal intercalated cells isolated from B1 subunit-deficient mice by fluorescence-activated cell sorting. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F522-F532.	1.3	30
50	Surfactant protein B amount and kinetics in newborn infants: an optimized procedure. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1415-1419.	0.7	6
51	Disaturated-phosphatidylcholine and Surfactant protein-B turnover in human acute lung injury and in control patients. <i>Respiratory Research</i> , 2011, 12, 36.	1.4	25
52	Simultaneous measurement of phosphatidylglycerol and disaturated- $\alpha$ -phosphatidylcholine palmitate kinetics from alveolar surfactant. Study in infants with stable isotope tracer, coupled with isotope ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 986-992.	0.7	10
53	Aldosterone stimulates vacuolar H <sup>+</sup> -ATPase activity in renal acid-secretory intercalated cells mainly via a protein kinase C-dependent pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1251-C1261.	2.1	47
54	495 Impaired Surfactant Protein B Synthesis in Infants with Congenital Diaphragmatic Hernia. <i>Pediatric Research</i> , 2010, 68, 253-254.	1.1	0