

# Jesus Serrano-Lomelin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7960045/publications.pdf>

Version: 2024-02-01

24  
papers

285  
citations

1039406

9  
h-index

940134

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF $\alpha$ and IL-6 Responses to Particulate Matter <i>in Vitro</i> : Variation According to PM Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. <i>Environmental Health Perspectives</i> , 2016, 124, 406-412.	2.8	88
2	Reduced Right Ventricular Fractional Area Change, Strain, and Strain Rate before Bidirectional Cavopulmonary Anastomosis is Associated with Medium-Term Mortality for Children with Hypoplastic Left Heart Syndrome. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 831-842.	1.2	27
3	Latent Cytomegalovirus Infection in Female Mice Increases Breast Cancer Metastasis. <i>Cancers</i> , 2019, 11, 447.	1.7	21
4	Interdisciplinary-driven hypotheses on spatial associations of mixtures of industrial air pollutants with adverse birth outcomes. <i>Environment International</i> , 2019, 131, 104972.	4.8	20
5	Socioeconomic gradients of adverse birth outcomes and related maternal factors in rural and urban Alberta, Canada: a concentration index approach. <i>BMJ Open</i> , 2020, 10, e033296.	0.8	17
6	Postnatal neonatal myocardial adaptation is associated with loss of tolerance to tachycardia: a simultaneous invasive and noninvasive assessment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H598-H607.	1.5	14
7	Assessing the Influence of Socioeconomic Status and Air Pollution Levels on the Public Perception of Local Air Quality in a Mexico-US Border City. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4616.	1.2	13
8	Cardiovascular Health of Offspring of Diabetic Mothers From the Fetal Through Late-Infancy Stages. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 932-934.	2.3	12
9	Persistent Aortic Stiffness and Left Ventricular Hypertrophy in Children of Diabetic Mothers. <i>CJC Open</i> , 2021, 3, 345-353.	0.7	9
10	Industrial Developmental Toxicants and Congenital Heart Disease in Urban and Rural Alberta, Canada. <i>Challenges</i> , 2018, 9, 26.	0.9	8
11	Assessment of intellectual impairment, health-related quality of life, and behavioral phenotype in patients with neurotransmitter related disorders: Data from the <i>iNTD</i> registry. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 1489-1502.	1.7	7
12	Geographic information assessment of maternal ambient health hazards and adverse birth outcomes in Canada. <i>Science of the Total Environment</i> , 2019, 696, 134091.	3.9	6
13	Geographic Inequalities of Respiratory Health Services Utilization during Childhood in Edmonton and Calgary, Canada: A Tale of Two Cities. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8973.	1.2	6
14	Health gradients in emergency visits and hospitalisations for paediatric respiratory diseases: A population-based retrospective cohort study. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 150-160.	0.8	6
15	Emergency Department Visits During the Postpartum Period: A Canadian Cohort Study. <i>Annals of Emergency Medicine</i> , 2022, 79, 543-553.	0.3	6
16	Intrauterine exposure to chronic hypoxia in the rat leads to progressive diastolic function and increased aortic stiffness from early postnatal developmental stages. <i>Physiological Reports</i> , 2020, 8, e14327.	0.7	5
17	Patterns of respiratory health services utilization from birth to 5 years of children who experienced adverse birth outcomes. <i>PLoS ONE</i> , 2021, 16, e0247527.	1.1	5
18	Right Ventricular Remodeling in Hypoplastic Left Heart Syndrome is Minimally Impacted by Cardiopulmonary Bypass: A Comparison of Norwood vs. Hybrid. <i>Pediatric Cardiology</i> , 2021, 42, 294-301.	0.6	3

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19	Maternal and Cord Blood Hemoglobin as Determinants of Placental Weight: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 997.	1.0	3
20	Geography as a Determinant of Health: Health Services Utilization of Pediatric Respiratory Illness in a Canadian Province. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8347.	1.2	3
21	Social Isolation Stress Modulates Pregnancy Outcomes and the Inflammatory Profile of Rat Uterus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6169.	1.8	3
22	Evolution of the Fetal Atrioventricular Interval from 6 to 40 Weeks of Gestation. <i>American Journal of Cardiology</i> , 2019, 123, 1709-1714.	0.7	2
23	Clinical predictors of a positive test result in patients undergoing genetic evaluation for a hereditary kidney cancer syndrome. <i>Canadian Urological Association Journal</i> , 2020, 14, 274-280.	0.3	1
24	THE ROLE OF DEVELOPMENTAL TOXICANTS AND SOCIO-ECONOMIC STATUS ON CONGENITAL HEART DISEASE IN URBAN AND RURAL ALBERTA. <i>Paediatrics and Child Health</i> , 2018, 23, e37-e38.	0.3	0