

Matteo Bruschetti

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

2,270
citations

218677

26
h-index

265206

42
g-index

117
all docs

117
docs citations

117
times ranked

2180
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurodevelopmental outcomes in children with isolated congenital diaphragmatic hernia: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2022, 42, 318-329.	2.3	9
2	Cuffed versus uncuffed endotracheal tubes for neonates. <i>The Cochrane Library</i> , 2022, 2022, CD013736.	2.8	4
3	Interventions for the management of transient tachypnoea of the newborn - an overview of systematic reviews. <i>The Cochrane Library</i> , 2022, 2022, CD013563.	2.8	6
4	Doxapram for the prevention and treatment of apnea in preterm infants. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
5	Clinical rating scales for assessing pain in newborn infants. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	3
6	Diclofenac for acute postoperative pain in children. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
7	Severe intraventricular hemorrhage causes long-lasting structural damage in a preterm rabbit pup model. <i>Pediatric Research</i> , 2022, 92, 403-414.	2.3	6
8	Workplace interventions to reduce the risk of SARS-CoV-2 infection outside of healthcare settings. <i>The Cochrane Library</i> , 2022, 2022, CD015112.	2.8	5
9	Development and Validation of a Mortality Prediction Model in Extremely Low Gestational Age Neonates. <i>Neonatology</i> , 2022, 119, 418-427.	2.0	5
10	Non-opioid analgesics for procedural pain in neonates. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
11	Addressing harms of screening – A review of outcomes in Cochrane reviews and suggestions for next steps. <i>Journal of Clinical Epidemiology</i> , 2021, 129, 68-73.	5.0	5
12	Interventions to minimize blood loss in very preterm infants – A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0246353.	2.5	10
13	Fluid restriction in the management of transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2021, 2021, CD011466.	2.8	14
14	Salbutamol for transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2021, 2021, CD011878.	2.8	4
15	Opioids for newborn infants receiving mechanical ventilation. <i>The Cochrane Library</i> , 2021, 2021, CD013732.	2.8	22
16	Pharmacological interventions for pain and sedation management in newborn infants undergoing therapeutic hypothermia. <i>The Cochrane Library</i> , 2021, 2021, .	2.8	4
17	Antileukotrienes for the prevention and treatment of chronic lung disease in very preterm newborns: a systematic review. <i>Respiratory Research</i> , 2021, 22, 208.	3.6	4
18	Workplace interventions to reduce the risk of SARS-CoV-2 infection outside of healthcare settings. <i>The Cochrane Library</i> , 2021, 2021, .	2.8	2

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19	The use and reporting of neonatal pain scales: a systematic review of randomized trials. <i>Pain</i> , 2021, 162, 353-360.	4.2	56
20	Opioids for procedural pain in neonates. <i>The Cochrane Library</i> , 2021, 2021, .	2.8	6
21	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. <i>The Cochrane Library</i> , 2021, 2021, CD013309.	2.8	7
22	Is earlier better when it comes giving caffeine to preterm infants or are we risking unnecessary treatment and serious harm?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 440-442.	1.5	1
23	Long-term neurological effects of neonatal caffeine treatment in a rabbit model of preterm birth. <i>Pediatric Research</i> , 2020, 87, 1011-1018.	2.3	8
24	A LC-MS/MS method for the quantification of caffeine, betamethasone, clonidine and furosemide in cerebrospinal fluid of preterm infants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112996.	2.8	5
25	Pharmacological treatment for continuous spike-wave during slow wave sleep syndrome and Landau-Kleffner Syndrome. <i>The Cochrane Library</i> , 2020, 2020, CD013132.	2.8	2
26	Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. <i>The Cochrane Library</i> , 2020, 2020, CD013202.	2.8	16
27	Opioids and alpha-2-agonists for analgesia and sedation in newborn infants: protocol of a systematic review. <i>Systematic Reviews</i> , 2020, 9, 183.	5.3	12
28	Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. <i>The Cochrane Library</i> , 2020, 2020, CD004953.	2.8	32
29	Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular haemorrhage in preterm infants. <i>The Cochrane Library</i> , 2020, 7, CD012362.	2.8	6
30	Confounding biases in studies on early- versus late-caffeine in preterm infants: a systematic review. <i>Pediatric Research</i> , 2020, 88, 357-364.	2.3	12
31	Clonidine for pain in non-ventilated infants. <i>The Cochrane Library</i> , 2020, 2020, CD013104.	2.8	12
32	Non-invasive respiratory support for the management of transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2020, 4, CD013231.	2.8	15
33	Postnatal corticosteroids for transient tachypnoea of the newborn. <i>The Cochrane Library</i> , 2020, 3, CD013222.	2.8	4
34	Accuracy of continuous glucose monitoring in preterm infants: a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e045335.	1.9	9
35	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. <i>The Cochrane Library</i> , 2020, 12, CD013309.	2.8	6
36	Intraventricular Hemorrhage and White Matter Injury in Preclinical and Clinical Studies. <i>NeoReviews</i> , 2019, 20, e636-e652.	0.8	25

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37	Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn. The Cochrane Library, 2019, 2, CD011724.	2.8	5
38	White Matter Brain Development after Exposure to Circulating Cell-Free Hemoglobin and Hyperoxia in a Rat Pup Model. Developmental Neuroscience, 2019, 41, 234-246.	2.0	4
39	Cochrane Sustainable Healthcare: evidence for action on too much medicine. The Cochrane Library, 2019, 12, ED000143.	2.8	9
40	Stem cell-based interventions for the prevention and treatment of germinal matrix-intraventricular haemorrhage in preterm infants. The Cochrane Library, 2019, 2019, CD013201.	2.8	7
41	High versus low dose caffeine in preterm infants: a systematic review and meta-analysis. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 401-410.	1.5	30
42	Behavioral testing and litter effects in the rabbit. Behavioural Brain Research, 2018, 353, 236-241.	2.2	6
43	Antenatal corticosteroids: a retrospective cohort study on timing, indications and neonatal outcome. Acta Obstetrica Et Gynecologica Scandinavica, 2018, 97, 591-597.	2.8	19
44	Clonidine for painful procedures or conditions in infants. The Cochrane Library, 2018, , .	2.8	1
45	Pharmacological treatment for Continuous spike-wave during Slow Wave Sleep and Landau-Kleffner Syndrome. The Cochrane Library, 2018, , .	2.8	1
46	Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. The Cochrane Library, 2018, , .	2.8	3
47	Non-invasive respiratory support for the management of transient tachypnea of the newborn. The Cochrane Library, 2018, , .	2.8	0
48	High versus low dose caffeine in preterm infants. Acta Paediatrica, International Journal of Paediatrics, 2018, 108, 572.	1.5	1
49	Assessing imprecision in Cochrane systematic reviews: a comparison of GRADE and Trial Sequential Analysis. Systematic Reviews, 2018, 7, 110.	5.3	92
50	Clonidine for sedation and analgesia for neonates receiving mechanical ventilation. The Cochrane Library, 2017, 2017, CD012468.	2.8	18
51	Cerebellar Exposure to Cell-Free Hemoglobin Following Preterm Intraventricular Hemorrhage: Causal in Cerebellar Damage?. Translational Stroke Research, 2017, 8, 461-473.	4.2	29
52	Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular hemorrhage in preterm infants. The Cochrane Library, 2017, 7, CD012362.	2.8	21
53	Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. The Cochrane Library, 2017, 7, CD004953.	2.8	15
54	Pharmacological pain and sedation interventions for the prevention of intraventricular hemorrhage in preterm infants on assisted ventilation - an overview of systematic reviews. The Cochrane Library, 2017, , .	2.8	5

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55	Antibiotics for the management of transient tachypnea of the newborn. The Cochrane Library, 2017, , .	2.8	0
56	Cardiopulmonary bypass in the newborn: effects of circulatory cell-free hemoglobin and hyperoxia evaluated in a novel rat pup model. Intensive Care Medicine Experimental, 2017, 5, 45.	1.9	3
57	High Presence of Extracellular Hemoglobin in the Periventricular White Matter Following Preterm Intraventricular Hemorrhage. Frontiers in Physiology, 2016, 7, 330.	2.8	47
58	Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn. The Cochrane Library, 2016, , CD011724.	2.8	14
59	Salbutamol for transient tachypnea of the newborn. The Cochrane Library, 2016, , CD011878.	2.8	18
60	Antithrombin for the prevention of intraventricular hemorrhage in very preterm infants. The Cochrane Library, 2016, 2016, CD011636.	2.8	4
61	Heparin for the prevention of intraventricular haemorrhage in preterm infants. The Cochrane Library, 2016, 2016, CD011718.	2.8	6
62	Transcutaneous carbon dioxide monitoring for the prevention of neonatal morbidity and mortality. The Cochrane Library, 2016, 2016, CD011494.	2.8	16
63	DBSâ€“LCâ€“MS/MS assay for caffeine: validation and neonatal application. Bioanalysis, 2016, 8, 1893-1902.	1.5	19
64	Epinephrine for transient tachypnea of the newborn. The Cochrane Library, 2016, 2016, CD011877.	2.8	16
65	Heparin for the treatment of thrombosis in neonates. The Cochrane Library, 2016, 11, CD012185.	2.8	13
66	Frequency of endotracheal suctioning for the prevention of respiratory morbidity in ventilated newborns. The Cochrane Library, 2016, 2016, CD011493.	2.8	13
67	Exosomes from human mesenchymal stem cells conduct aerobic metabolism in term and preterm newborn infants. FASEB Journal, 2016, 30, 1416-1424.	0.5	63
68	Why do premature newborn infants display elevated blood adenosine levels?. Medical Hypotheses, 2016, 90, 53-56.	1.5	21
69	Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. , 2015, , CD004953.		12
70	Preterm Cord Blood Contains a Higher Proportion of Immature Hematopoietic Progenitors Compared to Term Samples. PLoS ONE, 2015, 10, e0138680.	2.5	24
71	A validated LCâ€“MS/MS method for the quantification of piperacillin/tazobactam on dried blood spot. Bioanalysis, 2014, 6, 2795-2802.	1.5	14
72	Oral and sublingual immunotherapy for egg allergy. The Cochrane Library, 2014, , CD010638.	2.8	37

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73	Vulnerability versus resilience to prenatal stress in male and female rats; Implications from gene expression profiles in the hippocampus and frontal cortex. <i>European Neuropsychopharmacology</i> , 2013, 23, 1226-1246.	0.7	99
74	Reference values for urinary neutrophil gelatinase-associated lipocalin (NGAL) in pediatric age measured with a fully automated chemiluminescent platform. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1101-5.	2.3	28
75	Saliva S100B in professional sportsmen: High levels at resting conditions and increased after vigorous physical activity. <i>Clinical Biochemistry</i> , 2011, 44, 245-247.	1.9	20
76	Systemic endotoxin administration results in increased S100B protein blood levels and periventricular brain white matter injury in the preterm fetal sheep. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 124, 15-22.	1.1	29
77	Prenatal stress reduces S100B in the neonatal rat hippocampus. <i>NeuroReport</i> , 2006, 17, 1077-1080.	1.2	23
78	Lowering the dose of antenatal steroids: The effects of a single course of betamethasone on somatic growth and brain cell proliferation in the rat. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 194, 1341-1346.	1.3	20
79	Cognition- and Anxiety-Related Behavior, Synaptophysin and MAP2 Immunoreactivity in the Adult Rat Treated with a Single Course of Antenatal Betamethasone. <i>Pediatric Research</i> , 2006, 60, 50-54.	2.3	12
80	High Maternal Blood S100B Concentrations in Pregnancies Complicated by Intrauterine Growth Restriction and Intraventricular Hemorrhage. <i>Clinical Chemistry</i> , 2006, 52, 819-826.	3.2	45
81	Urinary S100B Protein Concentrations Are Increased in Intrauterine Growth-Retarded Newborns. <i>Pediatrics</i> , 2006, 118, e747-e754.	2.1	54
82	55 Is Nephron Number Reduction Sufficient to Explain the Fetal Programming of Hypertension. <i>Pediatric Research</i> , 2005, 58, 364-364.	2.3	0
83	A single course of antenatal betamethasone reduces neurotrophic factor S100B concentration in the hippocampus and serum in the neonatal rat. <i>Developmental Brain Research</i> , 2005, 159, 113-118.	1.7	20
84	S100B protein levels in saliva: correlation with gestational age in normal term and preterm newborns. <i>Clinical Biochemistry</i> , 2005, 38, 229-233.	1.9	42
85	Non protein bound iron concentrations in amniotic fluid. <i>Clinical Biochemistry</i> , 2005, 38, 674-677.	1.9	16
86	Prenatal Restraint Stress and Long-Term Affective Consequences. <i>Developmental Neuroscience</i> , 2005, 27, 313-320.	2.0	104
87	S100B Protein in Urine of Preterm Newborns with Ominous Outcome. <i>Pediatric Research</i> , 2005, 58, 1170-1174.	2.3	45
88	Increased S100B in Cerebrospinal Fluid of Infants with Bacterial Meningitis: Relationship to Brain Damage and Routine Cerebrospinal Fluid Findings. <i>Clinical Chemistry</i> , 2004, 50, 941-944.	3.2	39
89	Levels of S100B protein are higher in mature human milk than in colostrum and milk-formulae milks. <i>Clinical Nutrition</i> , 2004, 23, 23-26.	5.0	23
90	Cerebrospinal Fluid Activin A Measurement in Asphyxiated Full-Term Newborns Predicts Hypoxic Ischemic Encephalopathy. <i>Clinical Chemistry</i> , 2004, 50, 2386-2389.	3.2	47

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91	Amniotic fluid S100B protein in mid-gestation and intrauterine fetal death. <i>Lancet, The</i> , 2004, 364, 270-272.	13.7	49
92	Urinary S100B protein measurements: A tool for the early identification of hypoxic-ischemic encephalopathy in asphyxiated full-term infants. <i>Critical Care Medicine</i> , 2004, 32, 131-136.	0.9	90
93	92 Increased S100B Urinary Measurements at Birth May Predict Neonatal Death in Preterm Newborns. <i>Pediatric Research</i> , 2004, 56, 479-479.	2.3	0
94	Amniotic fluid levels of S100B protein in normal and trisomy-21 fetuses. <i>Clinica Chimica Acta</i> , 2003, 330, 131-133.	1.1	23
95	Human milk contains S100B protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1619, 209-212.	2.4	32
96	Pediatric Concentrations of S100B Protein in Blood: Age- and Sex-related Changes. <i>Clinical Chemistry</i> , 2003, 49, 967-970.	3.2	89
97	Maternal Glucocorticoid Supplementation and S100B Protein Concentrations in Cord Blood and Urine of Preterm Infants. <i>Clinical Chemistry</i> , 2003, 49, 1215-1218.	3.2	32
98	S100B Protein Concentrations in Amniotic Fluid Are Higher in Monoamniotic than in Diamniotic Twins and Singleton Pregnancies. <i>Clinical Chemistry</i> , 2003, 49, 997-999.	3.2	12
99	Measurement of Urinary S100B Protein Concentrations for the Early Identification of Brain Damage in Asphyxiated Full-term Infants. <i>JAMA Pediatrics</i> , 2003, 157, 1163.	3.0	75
100	S100B protein cord blood levels and development of fetal behavioral states: a study in normal and small-for-dates fetuses. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2002, 11, 378-384.	1.5	19
101	Maternal Nitric Oxide Supplementation Decreases Cord Blood S100B in Intrauterine Growth-retarded Fetuses. <i>Clinical Chemistry</i> , 2002, 48, 647-650.	3.2	30
102	Increased Urinary S100B Protein as an Early Indicator of Intraventricular Hemorrhage in Preterm Infants: Correlation with the Grade of Hemorrhage. <i>Clinical Chemistry</i> , 2001, 47, 1836-1838.	3.2	83
103	S100B Protein Concentrations in Amniotic Fluid Correlate with Gestational Age and with Cerebral Ultrasound Scanning Results in Healthy Fetuses. <i>Clinical Chemistry</i> , 2001, 47, 954-956.	3.2	46
104	S100B Protein Concentrations in Urine Are Correlated with Gestational Age in Healthy Preterm and Term Newborns. <i>Clinical Chemistry</i> , 2001, 47, 1132-1133.	3.2	52
105	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. <i>The Cochrane Library</i> , 0, , .	2.8	4
106	Caffeine dosing regimens in preterm infants with or at risk for apnea of prematurity. <i>The Cochrane Library</i> , 0, , .	2.8	3
107	Systemic opioid regimens for postoperative pain in neonates. <i>The Cochrane Library</i> , 0, , .	2.8	6
108	Stem cell-based interventions for the prevention and treatment of germinal matrix-intraventricular haemorrhage in preterm infants. <i>The Cochrane Library</i> , 0, , .	2.8	1

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109	Postnatal corticosteroids for transient tachypnea of the newborn. The Cochrane Library, 0, , .	2.8	1