

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	Prenatal Restraint Stress and Long-Term Affective Consequences. <i>Developmental Neuroscience</i> , 2005, 27, 313-320.	2.0	104
2	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
3	Assessing imprecision in Cochrane systematic reviews: a comparison of GRADE and Trial Sequential Analysis. <i>Systematic Reviews</i> , 2018, 7, 110.	5.3	92
4	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
5	Pediatric Concentrations of S100B Protein in Blood: Age- and Sex-related Changes. <i>Clinical Chemistry</i> , 2003, 49, 967-970.	3.2	89
6	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
7	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
8	Exosomes from human mesenchymal stem cells conduct aerobic metabolism in term and preterm newborn infants. <i>FASEB Journal</i> , 2016, 30, 1416-1424.	0.5	63
9	The use and reporting of neonatal pain scales: a systematic review of randomized trials. <i>Pain</i> , 2021, 162, 353-360.	4.2	56
10	Urinary S100B Protein Concentrations Are Increased in Intrauterine Growth-Retarded Newborns. <i>Pediatrics</i> , 2006, 118, e747-e754.	2.1	54
11	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
12	Amniotic fluid S100B protein in mid-gestation and intrauterine fetal death. <i>Lancet, The</i> , 2004, 364, 270-272.	13.7	49
13	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
14	High Presence of Extracellular Hemoglobin in the Periventricular White Matter Following Preterm Intraventricular Hemorrhage. <i>Frontiers in Physiology</i> , 2016, 7, 330.	2.8	47
15	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
16	S100B Protein in Urine of Preterm Newborns with Ominous Outcome. <i>Pediatric Research</i> , 2005, 58, 1170-1174.	2.3	45
17	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
18	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

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19	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
20	Oral and sublingual immunotherapy for egg allergy. <i>The Cochrane Library</i> , 2014, , CD010638.	2.8	37
21	Human milk contains S100B protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1619, 209-212.	2.4	32
22	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
23	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
24	Maternal Nitric Oxide Supplementation Decreases Cord Blood S100B in Intrauterine Growth-retarded Fetuses. <i>Clinical Chemistry</i> , 2002, 48, 647-650.	3.2	30
25	Highâ€versus lowâ€dose caffeine in preterm infants: a systematic review and metaâ€analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 401-410.	1.5	30
26	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
27	Cerebellar Exposure to Cell-Free Hemoglobin Following Preterm Intraventricular Hemorrhage: Causal in Cerebellar Damage?. <i>Translational Stroke Research</i> , 2017, 8, 461-473.	4.2	29
28	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
29	Intraventricular Hemorrhage and White Matter Injury in Preclinical and Clinical Studies. <i>NeoReviews</i> , 2019, 20, e636-e652.	0.8	25
30	Preterm Cord Blood Contains a Higher Proportion of Immature Hematopoietic Progenitors Compared to Term Samples. <i>PLoS ONE</i> , 2015, 10, e0138680.	2.5	24
31	Amniotic fluid levels of S100B protein in normal and trisomy-21 fetuses. <i>Clinica Chimica Acta</i> , 2003, 330, 131-133.	1.1	23
32	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
33	Prenatal stress reduces S100B in the neonatal rat hippocampus. <i>NeuroReport</i> , 2006, 17, 1077-1080.	1.2	23
34	Opioids for newborn infants receiving mechanical ventilation. <i>The Cochrane Library</i> , 2021, 2021, CD013732.	2.8	22
35	Why do premature newborn infants display elevated blood adenosine levels?. <i>Medical Hypotheses</i> , 2016, 90, 53-56.	1.5	21
36	Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular hemorrhage in preterm infants. <i>The Cochrane Library</i> , 2017, 7, CD012362.	2.8	21

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37	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
38	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
39	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
40	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
41	DBS LC-MS/MS assay for caffeine: validation and neonatal application. <i>Bioanalysis</i> , 2016, 8, 1893-1902.	1.5	19
42	Antenatal corticosteroids: a retrospective cohort study on timing, indications and neonatal outcome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 591-597.	2.8	19
43	Salbutamol for transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2016, , CD011878.	2.8	18
44	Clonidine for sedation and analgesia for neonates receiving mechanical ventilation. <i>The Cochrane Library</i> , 2017, 2017, CD012468.	2.8	18
45	Non protein bound iron concentrations in amniotic fluid. <i>Clinical Biochemistry</i> , 2005, 38, 674-677.	1.9	16
46	Transcutaneous carbon dioxide monitoring for the prevention of neonatal morbidity and mortality. <i>The Cochrane Library</i> , 2016, 2016, CD011494.	2.8	16
47	Epinephrine for transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2016, 2016, CD011877.	2.8	16
48	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
49	Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. <i>The Cochrane Library</i> , 2017, 7, CD004953.	2.8	15
50	Non-invasive respiratory support for the management of transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2020, 4, CD013231.	2.8	15
51	A validated LC-MS/MS method for the quantification of piperacillin/tazobactam on dried blood spot. <i>Bioanalysis</i> , 2014, 6, 2795-2802.	1.5	14
52	Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn. <i>The Cochrane Library</i> , 2016, , CD011724.	2.8	14
53	Fluid restriction in the management of transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2021, 2021, CD011466.	2.8	14
54	Heparin for the treatment of thrombosis in neonates. <i>The Cochrane Library</i> , 2016, 11, CD012185.	2.8	13

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55	Frequency of endotracheal suctioning for the prevention of respiratory morbidity in ventilated newborns. The Cochrane Library, 2016, 2016, CD011493.	2.8	13
56	S100B Protein Concentrations in Amniotic Fluid Are Higher in Monoamniotic than in Diamniotic Twins and Singleton Pregnancies. Clinical Chemistry, 2003, 49, 997-999.	3.2	12
57	Cognition- and Anxiety-Related Behavior, Synaptophysin and MAP2 Immunoreactivity in the Adult Rat Treated with a Single Course of Antenatal Betamethasone. Pediatric Research, 2006, 60, 50-54.	2.3	12
58	Sustained versus standard inflations during neonatal resuscitation to prevent mortality and improve respiratory outcomes. , 2015, , CD004953.		12
59	Opioids and alpha-2-agonists for analgesia and sedation in newborn infants: protocol of a systematic review. Systematic Reviews, 2020, 9, 183.	5.3	12
60	Confounding biases in studies on early- versus late-caffeine in preterm infants: a systematic review. Pediatric Research, 2020, 88, 357-364.	2.3	12
61	Clonidine for pain in non-ventilated infants. The Cochrane Library, 2020, 2020, CD013104.	2.8	12
62	Interventions to minimize blood loss in very preterm infantsâ€”A systematic review and meta-analysis. PLoS ONE, 2021, 16, e0246353.	2.5	10
63	Cochrane Sustainable Healthcare: evidence for action on too much medicine. The Cochrane Library, 2019, 12, ED000143.	2.8	9
64	Neurodevelopmental outcomes in children with isolated congenital diaphragmatic hernia: A systematic review and meta-analysis. Prenatal Diagnosis, 2022, 42, 318-329.	2.3	9
65	Accuracy of continuous glucose monitoring in preterm infants: a systematic review and meta-analysis. BMJ Open, 2020, 10, e045335.	1.9	9
66	Long-term neurological effects of neonatal caffeine treatment in a rabbit model of preterm birth. Pediatric Research, 2020, 87, 1011-1018.	2.3	8
67	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
68	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. The Cochrane Library, 2021, 2021, CD013309.	2.8	7
69	Heparin for the prevention of intraventricular haemorrhage in preterm infants. The Cochrane Library, 2016, 2016, CD011718.	2.8	6
70	Behavioral testing and litter effects in the rabbit. Behavioural Brain Research, 2018, 353, 236-241.	2.2	6
71	Head midline position for preventing the occurrence or extension of germinal matrix-intraventricular haemorrhage in preterm infants. The Cochrane Library, 2020, 7, CD012362.	2.8	6
72	Systemic opioid regimens for postoperative pain in neonates. The Cochrane Library, 0, , .	2.8	6

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73	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. The Cochrane Library, 2020, 12, CD013309.	2.8	6
74	Interventions for the management of transient tachypnoea of the newborn - an overview of systematic reviews. The Cochrane Library, 2022, 2022, CD013563.	2.8	6
75	Opioids for procedural pain in neonates. The Cochrane Library, 2021, 2021, .	2.8	6
76	Severe intraventricular hemorrhage causes long-lasting structural damage in a preterm rabbit pup model. Pediatric Research, 2022, 92, 403-414.	2.3	6
77	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
78	Needle aspiration versus intercostal tube drainage for pneumothorax in the newborn. The Cochrane Library, 2019, 2, CD011724.	2.8	5
79	A LCâ€“MS/MS method for the quantification of caffeine, betamethasone, clonidine and furosemide in cerebrospinal fluid of preterm infants. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112996.	2.8	5
80	Addressing harms of screening â€“ A review of outcomes in Cochrane reviews and suggestions for next steps. Journal of Clinical Epidemiology, 2021, 129, 68-73.	5.0	5
81	Workplace interventions to reduce the risk of SARS-CoV-2 infection outside of healthcare settings. The Cochrane Library, 2022, 2022, CD015112.	2.8	5
82	Development and Validation of a Mortality Prediction Model in Extremely Low Gestational Age Neonates. Neonatology, 2022, 119, 418-427.	2.0	5
83	Antithrombin for the prevention of intraventricular hemorrhage in very preterm infants. The Cochrane Library, 2016, 2016, CD011636.	2.8	4
84	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
85	Continuous glucose monitoring for the prevention of morbidity and mortality in preterm infants. The Cochrane Library, 0, , .	2.8	4
86	Postnatal corticosteroids for transient tachypnoea of the newborn. The Cochrane Library, 2020, 3, CD013222.	2.8	4
87	Salbutamol for transient tachypnea of the newborn. The Cochrane Library, 2021, 2021, CD011878.	2.8	4
88	Pharmacological interventions for pain and sedation management in newborn infants undergoing therapeutic hypothermia. The Cochrane Library, 2021, 2021, .	2.8	4
89	Antileukotrienes for the prevention and treatment of chronic lung disease in very preterm newborns: a systematic review. Respiratory Research, 2021, 22, 208.	3.6	4
90	Cuffed versus uncuffed endotracheal tubes for neonates. The Cochrane Library, 2022, 2022, CD013736.	2.8	4

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91	Cardiopulmonary bypass in the newborn: effects of circulatory cell-free hemoglobin and hyperoxia evaluated in a novel rat pup model. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 45.	1.9	3
92	Stem cell-based interventions for the prevention of morbidity and mortality following hypoxic-ischaemic encephalopathy in newborn infants. <i>The Cochrane Library</i> , 2018, , .	2.8	3
93	Caffeine dosing regimens in preterm infants with or at risk for apnea of prematurity. <i>The Cochrane Library</i> , 0, , .	2.8	3
94	Clinical rating scales for assessing pain in newborn infants. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	3
95	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
96	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
97	Clonidine for painful procedures or conditions in infants. <i>The Cochrane Library</i> , 2018, , .	2.8	1
98	Pharmacological treatment for Continuous spike-wave during Slow Wave Sleep and Landau-Kleffner Syndrome. <i>The Cochrane Library</i> , 2018, , .	2.8	1
99	High versus low dose caffeine in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 108, 572.	1.5	1
100	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
101	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
102	Postnatal corticosteroids for transient tachypnea of the newborn. <i>The Cochrane Library</i> , 0, , .	2.8	1
103	Doxapram for the prevention and treatment of apnea in preterm infants. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
104	Diclofenac for acute postoperative pain in children. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
105	Non-opioid analgesics for procedural pain in neonates. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	1
106	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
107	55 Is Nephron Number Reduction Sufficient to Explain the Fetal Programming of Hypertension. <i>Pediatric Research</i> , 2005, 58, 364-364.	2.3	0
108	Antibiotics for the management of transient tachypnea of the newborn. <i>The Cochrane Library</i> , 2017, , .	2.8	0

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109	Non-invasive respiratory support for the management of transient tachypnea of the newborn. The Cochrane Library, 2018, , .	2.8	0