

Roger F Soll

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

6,788
citations

76294

40
h-index

62565

80
g-index

105
all docs

105
docs citations

105
times ranked

5208
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Mortality and Morbidity for Very Low Birth Weight Infants, 1991-1999. Pediatrics, 2002, 110, 143-151.	1.0	677
2	Bronchopulmonary dysplasia. Nature Reviews Disease Primers, 2019, 5, 78.	18.1	541
3	Mortality and Neonatal Morbidity Among Infants 501 to 1500 Grams From 2000 to 2009. Pediatrics, 2012, 129, 1019-1026.	1.0	484
4	Randomized Trial Comparing 3 Approaches to the Initial Respiratory Management of Preterm Neonates. Pediatrics, 2011, 128, e1069-e1076.	1.0	441
5	Variation in Performance of Neonatal Intensive Care Units in the United States. JAMA Pediatrics, 2017, 171, e164396.	3.3	282
6	Weight Growth Velocity and Postnatal Growth Failure in Infants 501 to 1500 Grams: 2000â€“2013. Pediatrics, 2015, 136, e84-e92.	1.0	245
7	Hypothermia and Other Treatment Options for Neonatal Encephalopathy: An Executive Summary of the Eunice Kennedy Shriver NICHD Workshop. Journal of Pediatrics, 2011, 159, 851-858.e1.	0.9	189
8	A Multicenter Randomized, Placebo-Controlled Trial of Surfactant Therapy for Respiratory Distress Syndrome. New England Journal of Medicine, 1989, 320, 959-965.	13.9	175
9	Hypothermia and perinatal asphyxia: Executive summary of the National Institute of Child Health and Human Development workshop. Journal of Pediatrics, 2006, 148, 170-175.e1.	0.9	173
10	Collaborative quality improvement to promote evidence based surfactant for preterm infants: a cluster randomised trial. BMJ: British Medical Journal, 2004, 329, 1004.	2.4	163
11	A multicenter randomized trial comparing two surfactants for the treatment of neonatal respiratory distress syndrome1. Journal of Pediatrics, 1993, 123, 757-766.	0.9	153
12	Neurodevelopmental Outcome of Extremely Low Birth Weight Infants from the Vermont Oxford Network: 1998â€“2003. Neonatology, 2010, 97, 329-338.	0.9	152
13	Elective high-frequency oscillatory versus conventional ventilation in preterm infants: a systematic review and meta-analysis of individual patients' data. Lancet, The, 2010, 375, 2082-2091.	6.3	135
14	Randomized Controlled Trial of Exogenous Surfactant for the Treatment of Hyaline Membrane Disease. Pediatrics, 1987, 79, 31-37.	1.0	135
15	The Vermont Oxford Network: A Community of Practice. Clinics in Perinatology, 2010, 37, 29-47.	0.8	134
16	The Effect of Prophylactic Ointment Therapy on Nosocomial Sepsis Rates and Skin Integrity in Infants With Birth Weights of 501 to 1000 g. Pediatrics, 2004, 113, 1195-1203.	1.0	124
17	Fetal Infants: The Fate of 4172 Infants With Birth Weights of 401 to 500 Grams--The Vermont Oxford Network Experience (1996-2000). Pediatrics, 2004, 113, 1559-1566.	1.0	120
18	Improving Care for Neonatal Abstinence Syndrome. Pediatrics, 2016, 137, .	1.0	112

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19	Overview of Surfactant Replacement Trials. <i>Journal of Perinatology</i> , 2005, 25, S40-S44.	0.9	99
20	Clinical prediction models for bronchopulmonary dysplasia: a systematic review and external validation study. <i>BMC Pediatrics</i> , 2013, 13, 207.	0.7	99
21	Association of Antenatal Steroid Exposure With Survival Among Infants Receiving Postnatal Life Support at 22 to 25 Weeksâ€™ Gestation. <i>JAMA Network Open</i> , 2018, 1, e183235.	2.8	93
22	Antecedents of Neonatal Encephalopathy in the Vermont Oxford Network Encephalopathy Registry. <i>Pediatrics</i> , 2012, 130, 878-886.	1.0	92
23	Obstetric and Neonatal Care Practices for Infants 501 to 1500 g From 2000 to 2009. <i>Pediatrics</i> , 2013, 132, 222-228.	1.0	86
24	Multicenter Trial of Single-Dose Modified Bovine Surfactant Extract (Survanta) for Prevention of Respiratory Distress Syndrome. <i>Pediatrics</i> , 1990, 85, 1092-1102.	1.0	83
25	Probiotics: Are We Ready for Routine Use?. <i>Pediatrics</i> , 2010, 125, 1071-1072.	1.0	81
26	Effect of Minimally Invasive Surfactant Therapy vs Sham Treatment on Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2478.	3.8	78
27	Timing of Initial Surfactant Treatment for Infants 23 to 29 Weeks' Gestation: Is Routine Practice Evidence Based?. <i>Pediatrics</i> , 2004, 113, 1593-1602.	1.0	77
28	Randomized Trial of Occlusive Wrap for Heat Loss Prevention in Preterm Infants. <i>Journal of Pediatrics</i> , 2015, 166, 262-268.e2.	0.9	73
29	The OPTIMIST-A trial: evaluation of minimally-invasive surfactant therapy in preterm infants 25â€“28 weeks gestation. <i>BMC Pediatrics</i> , 2014, 14, 213.	0.7	71
30	Severity of Bronchopulmonary Dysplasia Among Very Preterm Infants in the United States. <i>Pediatrics</i> , 2021, 148, .	1.0	70
31	Contemporary Outcomes of Infants with Gastroschisis in North America: A Multicenter Cohort Study. <i>Journal of Pediatrics</i> , 2017, 188, 192-197.e6.	0.9	65
32	Distribution of and Mortality From Serious Congenital Heart Disease in Very Low Birth Weight Infants. <i>Pediatrics</i> , 2011, 127, 293-299.	1.0	59
33	Trends in incidence and outcomes of necrotizing enterocolitis over the last 12 years: A multicenter cohort analysis. <i>Journal of Pediatric Surgery</i> , 2020, 55, 998-1001.	0.8	59
34	The Vermont oxford neonatal encephalopathy registry: rationale, methods, and initial results. <i>BMC Pediatrics</i> , 2012, 12, 84.	0.7	54
35	Serious Congenital Heart Disease and Necrotizing Enterocolitis in Very Low Birth Weight Neonates. <i>Journal of the American College of Surgeons</i> , 2015, 220, 1018-1026.e14.	0.2	51
36	Neuroimaging in the Evaluation of Neonatal Encephalopathy. <i>Pediatrics</i> , 2014, 133, e1508-e1517.	1.0	48

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37	Severe neurodevelopmental disability and healthcare needs among survivors of medical and surgical necrotizing enterocolitis: A prospective cohort study. <i>Journal of Pediatric Surgery</i> , 2018, 53, 101-107.	0.8	48
38	Clinical Trials of Natural Surfactant Extract in Respiratory Distress Syndrome. <i>Clinics in Perinatology</i> , 1993, 20, 711-735.	0.8	44
39	Adherence of Newborn-Specific Antibiotic Stewardship Programs to CDC Recommendations. <i>Pediatrics</i> , 2018, 142, .	1.0	43
40	Vermont Oxford Network: a worldwide learning community. <i>Translational Pediatrics</i> , 2019, 8, 182-192.	0.5	42
41	Cochrane neonatal systematic reviews: a survey of the evidence for neonatal therapies. <i>Clinics in Perinatology</i> , 2003, 30, 285-304.	0.8	41
42	Growth morbidity in extremely low birth weight survivors of necrotizing enterocolitis at discharge and two-year follow-up. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1197-1202.	0.8	39
43	Umbilical Cord Management at Term and Late Preterm Birth: A Meta-analysis. <i>Pediatrics</i> , 2021, 147, .	1.0	39
44	Timing of cord clamping in very preterm infants: more evidence is needed. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 118-123.	0.7	37
45	New Synthetic Surfactants: The Next Generation?. <i>Neonatology</i> , 2005, 87, 338-344.	0.9	36
46	Initial Respiratory Support of Preterm Infants. <i>Clinics in Perinatology</i> , 2012, 39, 459-481.	0.8	36
47	CURRENT SURFACTANT USE IN PREMATURE INFANTS. <i>Clinics in Perinatology</i> , 2001, 28, 671-694.	0.8	35
48	Novel Surfactant Administration Techniques: Will They Change Outcome?. <i>Neonatology</i> , 2019, 115, 411-422.	0.9	31
49	Surfactant Treatment of the Very Preterm Infant. <i>Neonatology</i> , 1998, 74, 35-42.	2.6	29
50	A Collaborative Multicenter QI Initiative to Improve Antibiotic Stewardship in Newborns. <i>Pediatrics</i> , 2019, 144, .	1.0	27
51	Neonatal networks: clinical research and quality improvement. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 410-415.	1.1	26
52	Morbidity and mortality among "big" babies who develop necrotizing enterocolitis: A prospective multicenter cohort analysis. <i>Journal of Pediatric Surgery</i> , 2018, 53, 108-112.	0.8	26
53	Cost Effectiveness of Beractant in the Prevention of Respiratory Distress Syndrome. <i>Pharmacoeconomics</i> , 1993, 4, 278-286.	1.7	24
54	Probiotic Supplementation in Preterm Infants: It Is Time to Change Practice. <i>Journal of Pediatrics</i> , 2014, 164, 959-960.	0.9	24

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55	Overview of Exogenous Surfactant Replacement Therapy. Journal of Intensive Care Medicine, 1993, 8, 205-228.	1.3	23
56	Identifying improvements for delivery room resuscitation management: results from a multicenter safety audit. Maternal Health, Neonatology and Perinatology, 2015, 1, 2.	1.0	23
57	Completeness of main outcomes across randomized trials in entire discipline: survey of chronic lung disease outcomes in preterm infants. BMJ, The, 2015, 350, h72-h72.	3.0	23
58	Current Trials in the Treatment of Respiratory Failure in Preterm Infants. Neonatology, 2009, 95, 368-372.	0.9	22
59	The effect of maternal hypertension on mortality in infants 22, 29weeks gestation. Pregnancy Hypertension, 2015, 5, 362-366.	0.6	22
60	Antibiotic Use in Neonatal Intensive Care. Pediatrics, 2015, 135, 928-929.	1.0	20
61	What has the Cochrane Collaboration ever done for newborn infants?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2010, 95, F2-F6.	1.4	18
62	Using NHSN's Antimicrobial Use Option to Monitor and Improve Antibiotic Stewardship in Neonates. Hospital Pediatrics, 2019, 9, 340-347.	0.6	17
63	Evidence-Based Practice: Improving the Quality of Perinatal Care. Neonatology, 2019, 116, 193-198.	0.9	15
64	Impact of disease-specific volume and hospital transfer on outcomes in gastroschisis. Journal of Pediatric Surgery, 2019, 54, 65-69.	0.8	14
65	Lung Surfactants for Neonatal Respiratory Distress Syndrome. Paediatric Drugs, 2002, 4, 485-492.	1.3	12
66	Evaluating the Medical Evidence for Quality Improvement. Clinics in Perinatology, 2010, 37, 11-28.	0.8	10
67	Evidence-Based Delivery Room Care of the Very Low Birth Weight Infant. Neonatology, 2011, 99, 349-354.	0.9	10
68	Progress in the Care of Extremely Preterm Infants. JAMA - Journal of the American Medical Association, 2015, 314, 1007.	3.8	10
69	Hospital transfers and patterns of mortality in very low birth weight neonates with surgical necrotizing enterocolitis. Journal of Pediatric Surgery, 2016, 51, 932-935.	0.8	10
70	Benefits and obstacles to cell therapy in neonates: The INCuBAToR (Innovative Neonatal Cellular) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 I Translational Medicine, 2021, 10, 968-975.	1.6	10
71	Variation of Patent Ductus Arteriosus Treatment in Very Low Birth Weight Infants. Pediatrics, 2021, 148, e2021052874.	1.0	10
72	Prophylactic versus Selective Use of Surfactant in Preventing Morbidity and Mortality in Preterm Infants. Neonatology, 2012, 102, 169-171.	0.9	9

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73	Maternal Hypertension and Mortality in Small for Gestational Age 22- to 29-Week Infants. <i>Reproductive Sciences</i> , 2018, 25, 276-280.	1.1	9
74	The future of Cochrane Neonatal. <i>Early Human Development</i> , 2020, 150, 105191.	0.8	9
75	Variability in the systems of care supporting critical neonatal intensive care unit transitions. <i>Journal of Perinatology</i> , 2020, 40, 1546-1553.	0.9	9
76	The Pharmacokinetics and Lipoprotein Fraction Distribution of Intramuscular vs. Oral Vitamin K1 Supplementation in Women of Childbearing Age: Effects on Hemostasis. <i>Thrombosis and Haemostasis</i> , 1995, 74, 1486-1490.	1.8	9
77	Updating reviews: the experience of the Cochrane Neonatal Review Group. <i>Paediatric and Perinatal Epidemiology</i> , 2008, 22, 29-32.	0.8	7
78	Inhaled Nitric Oxide for Preterm Infants: What Can Change Our Practice?. <i>Pediatrics</i> , 2018, 141, .	1.0	7
79	Outcomes for Ectopia Cordis. <i>Journal of Pediatrics</i> , 2020, 216, 67-72.	0.9	7
80	Artificial versus natural surfactant " Can we base clinical practice on a firm scientific footing?. <i>European Journal of Pediatrics</i> , 1994, 153, S17-S21.	1.3	6
81	Parallel Exploratory RCT of Polyethylene Wrap for Heat Loss Prevention in Infants Born at Less than 24 Weeksâ€™ Gestation. <i>Neonatology</i> , 2019, 116, 37-41.	0.9	6
82	Optimizing Placental Transfusion for Preterm Infants. <i>Pediatrics</i> , 2015, 136, 177-179.	1.0	5
83	Noninvasive Ventilation in the Age of Surfactant Administration. <i>Clinics in Perinatology</i> , 2019, 46, 493-516.	0.8	5
84	Patterns of surgical practice in very low birth weight neonates born in the United States: a Vermont Oxford Network analysis. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1821-1824.e8.	0.8	4
85	Morbidity associated with laparotomy-confirmed spontaneous intestinal perforation: A prospective multicenter analysis. <i>Journal of Pediatric Surgery</i> , 2022, , .	0.8	4
86	Impact of concomitant necrotizing enterocolitis on mortality in very low birth weight infants with intraventricular hemorrhage. <i>Journal of Perinatology</i> , 2023, 43, 91-96.	0.9	4
87	Pulmonary Care and Adjunctive Therapies for Prevention and Amelioration of Bronchopulmonary Dysplasia. <i>NeoReviews</i> , 2011, 12, e635-e644.	0.4	3
88	Proposed Definition of Necrotizing Enterocolitis May Be of Limited Value. <i>JAMA Pediatrics</i> , 2017, 171, 711.	3.3	3
89	Oxygen Redux. <i>Pediatrics</i> , 2016, 138, .	1.0	2
90	The Use of Oxygen in the Delivery Room. <i>Pediatrics</i> , 2019, 143, .	1.0	2

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91	Lung Surfactants for Neonatal Respiratory Distress Syndrome. Paediatric Drugs, 2002, 4, 485-492.	1.3	2
92	Pharmacologic Adjuncts II. , 2011, , 371-388.		2
93	Individual Patient Meta-analysis in Pediatrics. Pediatrics, 2011, 128, 775-776.	1.0	1
94	The power of improvement. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F486-F487.	1.4	1
95	Continually Improving Outcomes for Very Low Birth Weight Infants. Pediatrics, 2020, 146, e20200436.	1.0	1
96	Calling Time on Intravenous Immunoglobulin for Preterm Infants?. , 2013, , ED000062.		1
97	The Cochrane Neonatal Review Group: who we are and what we have done. Evidence-Based Child Health: A Cochrane Review Journal, 2010, 5, 3-10.	2.0	0
98	50 Years Ago in The Journal of Pediatrics. Journal of Pediatrics, 2016, 170, 134.	0.9	0
99	Pharmacologic Therapies I. , 2017, , 338-348.e6.		0
100	Commentary on "Sustained versus Standard Inflation during Neonatal Resuscitation to Prevent Mortality and Improve Respiratory Outcomes". Neonatology, 2021, 118, 143-146.	0.9	0
101	PHARMACOLOGIC ADJUNCTS II. , 2003, , 329-344.		0
102	Surfactant. , 2015, , 761-807.		0