

Yun Sil Chang

List of Publications by Year in descending order

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145
papers

4,125
citations

136950

32
h-index

133252

59
g-index

147
all docs

147
docs citations

147
times ranked

3870
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cells for Bronchopulmonary Dysplasia: Phase 1 Dose-Escalation Clinical Trial. <i>Journal of Pediatrics</i> , 2014, 164, 966-972.e6.	1.8	364
2	Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Attenuate Hyperoxia-Induced Lung Injury in Neonatal Rats. <i>Cell Transplantation</i> , 2009, 18, 869-886.	2.5	219
3	Mesenchymal Stem Cells Prevent Hydrocephalus After Severe Intraventricular Hemorrhage. <i>Stroke</i> , 2013, 44, 497-504.	2.0	151
4	Two-Year Follow-Up Outcomes of Premature Infants Enrolled in the Phase I Trial of Mesenchymal Stem Cells Transplantation for Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2017, 185, 49-54.e2.	1.8	143
5	Antibacterial effect of mesenchymal stem cells against <i>Escherichia coli</i> is mediated by secretion of beta-defensin-2 via toll-like receptor 4 signalling. <i>Cellular Microbiology</i> , 2016, 18, 424-436.	2.1	136
6	Intratracheal Transplantation of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Dose-Dependently Attenuates Hyperoxia-Induced Lung Injury in Neonatal Rats. <i>Cell Transplantation</i> , 2011, 20, 1843-1854.	2.5	130
7	Timing of Umbilical Cord Blood Derived Mesenchymal Stem Cells Transplantation Determines Therapeutic Efficacy in the Neonatal Hyperoxic Lung Injury. <i>PLoS ONE</i> , 2013, 8, e52419.	2.5	116
8	Mesenchymal Stem Cells for Severe Intraventricular Hemorrhage in Preterm Infants: Phase I Dose-Escalation Clinical Trial. <i>Stem Cells Translational Medicine</i> , 2018, 7, 847-856.	3.3	113
9	Human umbilical cord blood-derived mesenchymal stem cell transplantation attenuates severe brain injury by permanent middle cerebral artery occlusion in newborn rats. <i>Pediatric Research</i> , 2012, 72, 277-284.	2.3	112
10	Vascular endothelial growth factor mediates the therapeutic efficacy of mesenchymal stem cell-derived extracellular vesicles against neonatal hyperoxic lung injury. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	109
11	Mandatory Closure Versus Nonintervention for Patent Ductus Arteriosus in Very Preterm Infants. <i>Journal of Pediatrics</i> , 2016, 177, 66-71.e1.	1.8	107
12	Hypothermia Augments Neuroprotective Activity of Mesenchymal Stem Cells for Neonatal Hypoxic-Ischemic Encephalopathy. <i>PLoS ONE</i> , 2015, 10, e0120893.	2.5	103
13	Critical Role of Vascular Endothelial Growth Factor Secreted by Mesenchymal Stem Cells in Hyperoxic Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 391-399.	2.9	99
14	Strategies to enhance paracrine potency of transplanted mesenchymal stem cells in intractable neonatal disorders. <i>Pediatric Research</i> , 2018, 83, 214-222.	2.3	90
15	MERS-CoV Infection in a Pregnant Woman in Korea. <i>Journal of Korean Medical Science</i> , 2017, 32, 1717.	2.5	84
16	The Korean Neonatal Network: An Overview. <i>Journal of Korean Medical Science</i> , 2015, 30, S3.	2.5	71
17	Pivotal Role of Brain-Derived Neurotrophic Factor Secreted by Mesenchymal Stem Cells in Severe Intraventricular Hemorrhage in Newborn Rats. <i>Cell Transplantation</i> , 2017, 26, 145-156.	2.5	65
18	Optimal Route for Mesenchymal Stem Cells Transplantation after Severe Intraventricular Hemorrhage in Newborn Rats. <i>PLoS ONE</i> , 2015, 10, e0132919.	2.5	63

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19	Recent Trends in Neonatal Mortality in Very Low Birth Weight Korean Infants: In Comparison with Japan and the USA. <i>Journal of Korean Medical Science</i> , 2011, 26, 467.	2.5	60
20	Optimal Timing of Mesenchymal Stem Cell Therapy for Neonatal Intraventricular Hemorrhage. <i>Cell Transplantation</i> , 2016, 25, 1131-1144.	2.5	60
21	Human UCB-MSCs treatment upon intraventricular hemorrhage contributes to attenuate hippocampal neuron loss and circuit damage through BDNF-CREB signaling. <i>Stem Cell Research and Therapy</i> , 2018, 9, 326.	5.5	58
22	Stem Cells for Bronchopulmonary Dysplasia in Preterm Infants: A Randomized Controlled Phase II Trial. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1129-1137.	3.3	58
23	Cell type-dependent variation in paracrine potency determines therapeutic efficacy against neonatal hyperoxic lung injury. <i>Cytherapy</i> , 2015, 17, 1025-1035.	0.7	55
24	Long-Term (Postnatal Day 70) Outcome and Safety of Intratracheal Transplantation of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells in Neonatal Hyperoxic Lung Injury. <i>Yonsei Medical Journal</i> , 2013, 54, 416.	2.2	54
25	Effect of Nonintervention vs Oral Ibuprofen in Patent Ductus Arteriosus in Preterm Infants. <i>JAMA Pediatrics</i> , 2020, 174, 755.	6.2	50
26	Hypothermia broadens the therapeutic time window of mesenchymal stem cell transplantation for severe neonatal hypoxic ischemic encephalopathy. <i>Scientific Reports</i> , 2018, 8, 7665.	3.3	49
27	Optimal Route for Human Umbilical Cord Blood-Derived Mesenchymal Stem Cell Transplantation to Protect Against Neonatal Hyperoxic Lung Injury: Gene Expression Profiles and Histopathology. <i>PLoS ONE</i> , 2015, 10, e0135574.	2.5	46
28	Thrombin Preconditioning of Extracellular Vesicles Derived from Mesenchymal Stem Cells Accelerates Cutaneous Wound Healing by Boosting Their Biogenesis and Enriching Cargo Content. <i>Journal of Clinical Medicine</i> , 2019, 8, 533.	2.4	46
29	Natural evolution of ductus arteriosus with noninterventional conservative management in extremely preterm infants born at 23-28 weeks of gestation. <i>PLoS ONE</i> , 2019, 14, e0212256.	2.5	41
30	Intratracheal transplantation of mesenchymal stem cells simultaneously attenuates both lung and brain injuries in hyperoxic newborn rats. <i>Pediatric Research</i> , 2016, 80, 415-424.	2.3	38
31	Brain-derived neurotrophic factor mediates neuroprotection of mesenchymal stem cell-derived extracellular vesicles against severe intraventricular hemorrhage in newborn rats. <i>Stem Cells Translational Medicine</i> , 2021, 10, 374-384.	3.3	36
32	Neonatal Outcomes of Very Low Birth Weight Infants in Korean Neonatal Network from 2013 to 2016. <i>Journal of Korean Medical Science</i> , 2019, 34, e40.	2.5	33
33	Mesenchymal stem cells transplantation for neuroprotection in preterm infants with severe intraventricular hemorrhage. <i>Korean Journal of Pediatrics</i> , 2014, 57, 251.	1.9	33
34	Predicting mortality in extremely low birth weight infants: Comparison between gestational age, birth weight, Apgar score, CRIB II score, initial and lowest serum albumin levels. <i>PLoS ONE</i> , 2018, 13, e0192232.	2.5	31
35	Reactive microglia and astrocytes in neonatal intraventricular hemorrhage model are blocked by mesenchymal stem cells. <i>Glia</i> , 2020, 68, 178-192.	4.9	31
36	The Impact of Neonatal Care Resources on Regional Variation in Neonatal Mortality Among Very Low Birthweight Infants in Korea. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 216-225.	1.7	30

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37	Mesenchymal Stem Cells: The Magic Cure for Intraventricular Hemorrhage?. Cell Transplantation, 2017, 26, 439-448.	2.5	29
38	Trends in Overall Mortality, and Timing and Cause of Death among Extremely Preterm Infants near the Limit of Viability. PLoS ONE, 2017, 12, e0170220.	2.5	29
39	The Establishment of the Korean Neonatal Network (KNN). Neonatal Medicine, 2013, 20, 169.	0.2	29
40	In vitro and in vivo Efficacy of New Blue Light Emitting Diode Phototherapy Compared to Conventional Halogen Quartz Phototherapy for Neonatal Jaundice. Journal of Korean Medical Science, 2005, 20, 61.	2.5	28
41	Stem Cells for Neonatal Brain Disorders. Neonatology, 2016, 109, 377-383.	2.0	28
42	Thrombin Preconditioning Enhances Therapeutic Efficacy of Human Wharton's Jelly-Derived Mesenchymal Stem Cells in Severe Neonatal Hypoxic Ischemic Encephalopathy. International Journal of Molecular Sciences, 2019, 20, 2477.	4.1	28
43	Trends in Survival and Incidence of Bronchopulmonary Dysplasia in Extremely Preterm Infants at 23-26 Weeks Gestation. Journal of Korean Medical Science, 2016, 31, 423.	2.5	27
44	Dried Blood Spot Testing for Seven Steroids Using Liquid Chromatography-Tandem Mass Spectrometry With Reference Interval Determination in the Korean Population. Annals of Laboratory Medicine, 2015, 35, 578-585.	2.5	26
45	Prevention of Cytomegalovirus Transmission via Breast Milk in Extremely Low Birth Weight Infants. Yonsei Medical Journal, 2015, 56, 998.	2.2	25
46	WKYMVm hexapeptide, a strong formyl peptide receptor 2 agonist, attenuates hyperoxia-induced lung injuries in newborn mice. Scientific Reports, 2019, 9, 6815.	3.3	25
47	Erythropoietin Attenuates Brain Injury, Subventricular Zone Expansion, and Sensorimotor Deficits in Hypoxic-Ischemic Neonatal Rats. Journal of Korean Medical Science, 2008, 23, 484.	2.5	24
48	Stem Cell Therapy for Bronchopulmonary Dysplasia: Bench to Bedside Translation. Journal of Korean Medical Science, 2015, 30, 509.	2.5	24
49	Opposing roles of the two isoforms of ErbB3 binding protein 1 in human cancer cells. International Journal of Cancer, 2016, 139, 1202-1208.	5.1	22
50	Stem Cell Therapy for Neonatal Disorders: Prospects and Challenges. Yonsei Medical Journal, 2017, 58, 266.	2.2	22
51	Thrombin Preconditioning Boosts Biogenesis of Extracellular Vesicles from Mesenchymal Stem Cells and Enriches Their Cargo Contents via Protease-Activated Receptor-Mediated Signaling Pathways. International Journal of Molecular Sciences, 2019, 20, 2899.	4.1	22
52	Trends in the incidence and associated factors of late-onset sepsis associated with improved survival in extremely preterm infants born at 23-26 weeks gestation: a retrospective study. BMC Pediatrics, 2018, 18, 172.	1.7	20
53	Preterm infants fed nutrient-enriched formula until 6 months show improved growth and development. Pediatrics International, 2011, 53, 683-688.	0.5	19
54	Short- and long-term outcomes of very low birth weight infants in Korea: Korean Neonatal Network update in 2019. Clinical and Experimental Pediatrics, 2020, 63, 284-290.	2.2	19

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55	Mesenchymal stem cells transplantation attenuates brain injury and enhances bacterial clearance in <i>Escherichia coli</i> meningitis in newborn rats. <i>Pediatric Research</i> , 2018, 84, 778-785.	2.3	17
56	The Timing of Surgical Ligation for Patent Ductus Arteriosus Is Associated with Neonatal Morbidity in Extremely Preterm Infants Born at 23-25 Weeks of Gestation. <i>Journal of Korean Medical Science</i> , 2014, 29, 581.	2.5	16
57	Mortality rate-dependent variations in the survival without major morbidities rate of extremely preterm infants. <i>Scientific Reports</i> , 2019, 9, 7371.	3.3	16
58	Î±-PHENYL-N-tert-BUTYLNITRONE ATTENUATES HYPEROXIA-INDUCED LUNG INJURY BY DOWN-MODULATING INFLAMMATION IN NEONATAL RATS. <i>Experimental Lung Research</i> , 2009, 35, 234-249.	1.2	15
59	A novel PRF1 gene mutation in a fatal neonate case with type 2 familial hemophagocytic lymphohistiocytosis. <i>Korean Journal of Pediatrics</i> , 2014, 57, 50.	1.9	15
60	BDNF-Overexpressing Engineered Mesenchymal Stem Cells Enhances Their Therapeutic Efficacy against Severe Neonatal Hypoxic Ischemic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11395.	4.1	15
61	Effect of hypothermia on brain cell membrane function and energy metabolism in experimental <i>Escherichia coli</i> meningitis in the newborn piglet. <i>Neurochemical Research</i> , 2001, 26, 369-374.	3.3	14
62	The Clinical Risk Index for Babies II for Prediction of Time-Dependent Mortality and Short-Term Morbidities in Very Low Birth Weight Infants. <i>Neonatology</i> , 2019, 116, 244-251.	2.0	14
63	Neuroplasticity for spontaneous functional recovery after neonatal hypoxic ischemic brain injury in rats observed by functional MRI and diffusion tensor imaging. <i>NeuroImage</i> , 2016, 126, 140-150.	4.2	13
64	Risk factors and rate of progression for zone I versus zone II type 1 retinopathy of prematurity. <i>Journal of AAPOS</i> , 2014, 18, 124-128.	0.3	12
65	Sharing Data to Accelerate Medicine Development and Improve Neonatal Care: Data Standards and Harmonized Definitions. <i>Journal of Pediatrics</i> , 2018, 203, 437-441.e1.	1.8	12
66	Moving Forward to Improve Safety and Quality of Neonatal Intensive Care in Korea. <i>Journal of Korean Medical Science</i> , 2018, 33, e89.	2.5	12
67	Mesenchymal stem cell therapy for intractable neonatal disorders. <i>Pediatrics and Neonatology</i> , 2021, 62, S16-S21.	0.9	12
68	Neuroprotective effects of L-carnitine against oxygen-glucose deprivation in rat primary cortical neurons. <i>Korean Journal of Pediatrics</i> , 2012, 55, 238.	1.9	12
69	Definitions of bronchopulmonary dysplasia and long-term outcomes of extremely preterm infants in Korean Neonatal Network. <i>Scientific Reports</i> , 2021, 11, 24349.	3.3	12
70	Incidence and severity of transient hypothyroxinaemia of prematurity associated with survival without composite morbidities in extremely low birth weight infants. <i>Scientific Reports</i> , 2019, 9, 9628.	3.3	11
71	Increased risk of refeeding syndrome-like hypophosphatemia with high initial amino acid intake in small-for-gestational-age, extremely-low-birthweight infants. <i>PLoS ONE</i> , 2019, 14, e0221042.	2.5	11
72	Mortality Rate-Dependent Variations in the Timing and Causes of Death in Extremely Preterm Infants Born at 23-24 Weeks of Gestation*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 630-637.	0.5	11

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73	Effect of 1±-Phenyl-N-tert-Butylnitron on Brain Cell Membrane Function and Energy Metabolism in Experimental Escherichia coli Meningitis in the Newborn Piglet. <i>Journal of Neurochemistry</i> , 2001, 74, 763-769.	3.9	10
74	Antenatal betamethasone attenuates intrauterine infection-aggravated hyperoxia-induced lung injury in neonatal rats. <i>Pediatric Research</i> , 2013, 73, 726-733.	2.3	10
75	Future of neonatology in Korea: the way forward. <i>Journal of the Korean Medical Association</i> , 2016, 59, 506.	0.3	10
76	A Novel De Novo Pathogenic Variant in FOXF1 in a Newborn with Alveolar Capillary Dysplasia with Misalignment of Pulmonary Veins. <i>Yonsei Medical Journal</i> , 2017, 58, 672.	2.2	10
77	Novel Pathogenic Variant (c.580C>T) in the CPS1 Gene in a Newborn With Carbamoyl Phosphate Synthetase 1 Deficiency Identified by Whole Exome Sequencing. <i>Annals of Laboratory Medicine</i> , 2017, 37, 58-62.	2.5	10
78	Initial and delayed thyroid-stimulating hormone elevation in extremely low-birth-weight infants. <i>BMC Pediatrics</i> , 2019, 19, 347.	1.7	10
79	Short-term outcomes comparison between preterm infants with and without acute hypoxic respiratory failure attributable to presumed pulmonary hypoplasia after prolonged preterm premature rupture of membranes before 25 gestational weeks. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> . 2019. 32. 1938-1945.	1.5	10
80	Antenatal magnesium sulfate treatment and risk of necrotizing enterocolitis in preterm infants born at less than 32 weeks of gestation. <i>Scientific Reports</i> , 2020, 10, 12826.	3.3	10
81	Conservative Non-intervention Approach for Hemodynamically Significant Patent Ductus Arteriosus in Extremely Preterm Infants. <i>Frontiers in Pediatrics</i> , 2020, 8, 605134.	1.9	10
82	Stem cell restores thalamocortical plasticity to rescue cognitive deficit in neonatal intraventricular hemorrhage. <i>Experimental Neurology</i> , 2021, 342, 113736.	4.1	10
83	Regionalization of neonatal intensive care in Korea. <i>Korean Journal of Pediatrics</i> , 2011, 54, 481.	1.9	10
84	Neuron-specific expression of p48 Ebp1 during murine brain development and its contribution to CNS axon regeneration. <i>BMB Reports</i> , 2017, 50, 126-131.	2.4	10
85	Thrombin Preconditioning Improves the Therapeutic Efficacy of Mesenchymal Stem Cells in Severe Intraventricular Hemorrhage Induced Neonatal Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4447.	4.1	10
86	Effects of microbial invasion on cerebral hemodynamics and oxygenation monitored by near infrared spectroscopy in experimental Escherichia coli meningitis in the newborn piglet. <i>Neurological Research</i> , 1999, 21, 391-398.	1.3	9
87	Respiratory Syncytial Virus Related Readmission in Preterm Infants Less than 34 weeks' Gestation Following Discharge from a Neonatal Intensive Care Unit in Korea. <i>Journal of Korean Medical Science</i> , 2015, 30, S104.	2.5	9
88	Changes in Serum Creatinine Levels and Natural Evolution of Acute Kidney Injury with Conservative Management of Hemodynamically Significant Patent Ductus Arteriosus in Extremely Preterm Infants at 23-26 Weeks of Gestation. <i>Journal of Clinical Medicine</i> , 2020, 9, 699.	2.4	9
89	Increased Risk of Meconium-Related Ileus in Extremely Premature Infants Exposed to Antenatal Magnesium Sulfate. <i>Neonatology</i> , 2022, 119, 68-76.	2.0	9
90	Nitro-L-arginine methyl ester (L-NAME) attenuates the acute inflammatory responses and brain injury during the early phase of experimental Escherichia coli meningitis in the newborn piglet. <i>Neurological Research</i> , 2001, 23, 862-868.	1.3	8

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91	Intratracheal transplantation of mesenchymal stem cells attenuates hyperoxia-induced lung injury by down-regulating, but not direct inhibiting formyl peptide receptor 1 in the newborn mice. PLoS ONE, 2018, 13, e0206311.	2.5	8
92	Development of necrotizing enterocolitis in full-term infants with duct dependent congenital heart disease. BMC Pediatrics, 2022, 22, 174.	1.7	8
93	Dexamethasone does not prevent hydrocephalus after severe intraventricular hemorrhage in newborn rats. PLoS ONE, 2018, 13, e0206306.	2.5	7
94	Mortality rate-dependent variations in antenatal corticosteroid-associated outcomes in very low birth weight infants with 23-34 weeks of gestation: A nationwide cohort study. PLoS ONE, 2020, 15, e0240168.	2.5	7
95	Neonatal Outcomes according to the Latent Period from Membrane Rupture to Delivery among Extremely Preterm Infants Exposed to Preterm Premature Rupture of Membrane: a Nationwide Cohort Study. Journal of Korean Medical Science, 2021, 36, e93.	2.5	7
96	Early pulmonary hypertension is a risk factor for bronchopulmonary dysplasia-associated late pulmonary hypertension in extremely preterm infants. Scientific Reports, 2021, 11, 11206.	3.3	7
97	The Impact of Surgical Intervention on Neurodevelopmental Outcomes in Very Low Birth Weight Infants: a Nationwide Cohort Study in Korea. Journal of Korean Medical Science, 2019, 34, e271.	2.5	7
98	Continuous Renal Replacement Therapy in Preterm Infants. Yonsei Medical Journal, 2019, 60, 984.	2.2	7
99	Cesarean section was not associated with mortality or morbidities advantage in very low birth weight infants: a nationwide cohort study. Scientific Reports, 2021, 11, 20264.	3.3	7
100	Use of Medical Resources by Preterm Infants Born at Less than 33 Weeks' Gestation Following Discharge from the Neonatal Intensive Care Unit in Korea. Journal of Korean Medical Science, 2015, 30, S95.	2.5	6
101	Effect of Prophylactic Palivizumab on Admission Due to Respiratory Syncytial Virus Infection in Former Very Low Birth Weight Infants with Bronchopulmonary Dysplasia. Journal of Korean Medical Science, 2015, 30, 924.	2.5	6
102	Comparison of Follow-up Courses after Discharge from Neonatal Intensive Care Unit between Very Low Birth Weight Infants with and without Home Oxygen. Journal of Korean Medical Science, 2017, 32, 1295.	2.5	6
103	International Perspectives: Implementation of the Korean Neonatal Network. NeoReviews, 2019, 20, e177-e188.	0.8	6
104	Neonatal outcome comparisons between preterm infants with or without early pulmonary hypertension following prolonged preterm premature rupture of membranes before 25 gestational weeks in Korean Neonatal Network. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 1286-1294.	1.5	6
105	Effect of Synagis® (palivizumab) prophylaxis on readmission due to respiratory syncytial virus in very low birth weight infants. Korean Journal of Pediatrics, 2010, 53, 358.	1.9	6
106	Serial Short-Term Outcomes of Very-Low-Birth-Weight Infants in the Korean Neonatal Network From 2013 to 2020. Journal of Korean Medical Science, 2022, 37, .	2.5	6
107	Past, present, and future of neonatology in Korea. Journal of the Korean Medical Association, 2016, 59, 487.	0.3	5
108	Outcome and risk factors associated with perirenal subcapsular fluid collections in extremely preterm infants with acute kidney injury. European Radiology, 2019, 29, 3847-3853.	4.5	5

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109	Physical exercise enhances adult cortical plasticity in a neonatal rat model of hypoxic-ischemic injury: Evidence from BOLD-fMRI and electrophysiological recordings. <i>NeuroImage</i> , 2019, 188, 335-346.	4.2	5
110	Nutritional Support in Premature Infants. <i>Hanyang Medical Reviews</i> , 2011, 31, 246.	0.4	4
111	Prophylactic versus Early Rescue Surfactant Treatment in Preterm Infants Born at Less than 30 Weeks Gestation or with Birth Weight Less than or Equal 1,250 Grams. <i>Journal of Korean Medical Science</i> , 2017, 32, 1288.	2.5	4
112	The Youngest Survivor with Gestational Age of 215/7 Weeks. <i>Journal of Korean Medical Science</i> , 2018, 33, e22.	2.5	4
113	Antenatal betamethasone enhanced the detrimental effects of postnatal dexamethasone on hyperoxic lung and brain injuries in newborn rats. <i>PLoS ONE</i> , 2019, 14, e0221847.	2.5	4
114	Survival rate dependent variations in retinopathy of prematurity treatment rates in very low birth weight infants. <i>Scientific Reports</i> , 2020, 10, 19401.	3.3	4
115	Preclinical assessment of thrombinâ€preconditioned human Whartonâ€™s jellyâ€derived mesenchymal stem cells for neonatal hypoxicâ€ischaemic brain injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10430-10440.	3.6	4
116	Mesenchymal-Stem-Cell-Derived Extracellular Vesicles Attenuate Brain Injury in Escherichia coli Meningitis in Newborn Rats. <i>Life</i> , 2022, 12, 1030.	2.4	4
117	3-Aminobenzamide, a poly (ADP-ribose) synthetase inhibitor, attenuates the acute inflammatory responses and brain injury in experimental Escherichiacolimeningitis in the newborn piglet. <i>Neurological Research</i> , 2001, 23, 410-416.	1.3	3
118	Developing a newborn rat model of ventriculitis without concomitant bacteremia by intraventricular injection of K1 (âˆ™) <i>Escherichia coli</i>. <i>Pediatrics International</i> , 2020, 62, 347-356.	0.5	3
119	Pulmonary Hypertension Secondary to Bronchopulmonary Dysplasia in Very Low Birth Weight Infants (<1,500 g). <i>Journal of the Korean Society of Neonatology</i> , 2011, 18, 96.	0.3	3
120	Strategies to Overcome the Limit of Viability of Micropremie. <i>Neonatal Medicine</i> , 2013, 20, 258.	0.2	3
121	Erythropoietin Attenuates Hyperoxia-Induced Lung Injury by Down-modulating Inflammation in Neonatal Rats. <i>Journal of Korean Medical Science</i> , 2007, 22, 1042.	2.5	3
122	Effect of levothyroxine supplementation in extremely low birth weight infants with transient hypothyroxinemia of prematurity. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
123	A Rare Case of Lethal Prenatal-Onset Infantile Cortical Hyperostosis. <i>Yonsei Medical Journal</i> , 2019, 60, 484.	2.2	2
124	Gastrointestinal surgery in very low birth weight infants: Clinical characteristics. <i>Korean Journal of Pediatrics</i> , 2009, 52, 295.	1.9	2
125	Postnatal Management of Antenatally Diagnosed Patent Urachus with Bladder Prolapse. <i>Journal of the Korean Society of Neonatology</i> , 2010, 17, 262.	0.3	2
126	Pretreatment with N-nitro-L-arginine Methyl Ester Improved Oxygenation After Inhalation of Nitric Oxide in Newborn Piglets with Escherichia coli Pneumonia and Sepsis. <i>Journal of Korean Medical Science</i> , 2006, 21, 965.	2.5	1

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127	The effects of maternal body mass index and plurality on maternal and umbilical cord serum magnesium levels in preterm birth at less than 32 weeks of gestation. <i>Obstetrics and Gynecology Science</i> , 2021, 64, 62-72.	1.6	1
128	Mortality and Morbidities according to Time of Birth in Extremely Low Birth Weight Infants. <i>Journal of Korean Medical Science</i> , 2021, 36, e86.	2.5	1
129	Operational Outcomes of Bowel Perforation Due to Necrotizing Enterocolitis in Preterm Infants of Less than or Equal to 25 Weeks' Gestational Age. <i>Neonatal Medicine</i> , 2013, 20, 438.	0.2	1
130	Retinopathy of Prematurity in Infants with Birth Weights Greater than 1,000 Grams. <i>Neonatal Medicine</i> , 2014, 21, 179.	0.2	1
131	The Readmission of Preterm Infants of 30-33 Weeks Gestational Age within 1 Year Following Discharge from Neonatal Intensive Care Unit in Korea. <i>Neonatal Medicine</i> , 2014, 21, 224.	0.2	1
132	Perinatal Outcomes According to Accessibility to Maternal-Fetal and Neonatal Intensive Care Units by Region in Korea. <i>Journal of Korean Medical Science</i> , 2022, 37, e77.	2.5	1
133	Newborn Hearing Screening Test: A Comparison between Infants in Neonatal Intensive Care Unit versus Nursery. <i>Perinatology</i> , 2018, 29, 121.	0.1	0
134	Two Year's Long-term Outcomes of Very Low Birth Weight Infants in Korea. <i>Journal of Korean Medical Science</i> , 2018, 33, e294.	2.5	0
135	B23/Nucleophosmin promotes reconstitution of synaptic path in hippocampus after injury. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1082-1087.	2.1	0
136	A Preterm Infant with Multiple Anomalies Diagnosed with Atypical CHARGE Syndrome after a Novel <i>CHD7</i> Variant Confirmed Using Whole-Genome Sequencing. <i>Neonatology</i> , 2020, 117, 374-379.	2.0	0
137	Clinical course and prognosis of hemodynamically significant congenital heart defects in very low birth weight infants. <i>Korean Journal of Pediatrics</i> , 2009, 52, 481.	1.9	0
138	A case of pulmonary vascular air embolism in a very-low-birth-weight infant with massive hydrops. <i>Korean Journal of Pediatrics</i> , 2009, 52, 1392.	1.9	0
139	Two Cases of Tension Pneumopericardium in Mechanically Ventilated Preterm Infants. <i>Journal of the Korean Society of Neonatology</i> , 2011, 18, 153.	0.3	0
140	Glycogen Storage Disease Presenting as Fetal Hydrops: A Case Report. <i>Korean Journal of Perinatology</i> , 2013, 24, 187.	0.1	0
141	PREFACE. <i>Journal of Korean Medical Science</i> , 2015, 30, S2.	2.5	0
142	Title is missing!. , 2020, 15, e0240168.		0
143	Title is missing!. , 2020, 15, e0240168.		0
144	Title is missing!. , 2020, 15, e0240168.		0

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145	Title is missing!. , 2020, 15, e0240168.		0