

# 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	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. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 1286-1294.	1.5	6
2	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
3	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
4	Development of necrotizing enterocolitis in full-term infants with duct dependent congenital heart disease. <i>BMC Pediatrics</i> , 2022, 22, 174.	1.7	8
5	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
6	Serial Short-Term Outcomes of Very-Low-Birth-Weight Infants in the Korean Neonatal Network From 2013 to 2020. <i>Journal of Korean Medical Science</i> , 2022, 37, .	2.5	6
7	Effect of levothyroxine supplementation in extremely low birth weight infants with transient hypothyroxinemia of prematurity. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
8	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
9	Mesenchymal stem cell therapy for intractable neonatal disorders. <i>Pediatrics and Neonatology</i> , 2021, 62, S16-S21.	0.9	12
10	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
11	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
12	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. <i>Journal of Korean Medical Science</i> , 2021, 36, e93.	2.5	7
13	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
14	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
15	Early pulmonary hypertension is a risk factor for bronchopulmonary dysplasia-associated late pulmonary hypertension in extremely preterm infants. <i>Scientific Reports</i> , 2021, 11, 11206.	3.3	7
16	Stem cell restores thalamocortical plasticity to rescue cognitive deficit in neonatal intraventricular hemorrhage. <i>Experimental Neurology</i> , 2021, 342, 113736.	4.1	10
17	Cesarean section was not associated with mortality or morbidities advantage in very low birth weight infants: a nationwide cohort study. <i>Scientific Reports</i> , 2021, 11, 20264.	3.3	7
18	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

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19	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
20	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
21	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
22	Developing a newborn rat model of ventriculitis without concomitant bacteremia by intraventricular injection of K1 (Δ <sup>+</sup> ) <i>Escherichia coli</i> . <i>Pediatrics International</i> , 2020, 62, 347-356.	0.5	3
23	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. <i>PLoS ONE</i> , 2020, 15, e0240168.	2.5	7
24	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
25	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
26	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
27	Effect of Nonintervention vs Oral Ibuprofen in Patent Ductus Arteriosus in Preterm Infants. <i>JAMA Pediatrics</i> , 2020, 174, 755.	6.2	50
28	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
29	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
30	Short- and long-term outcomes of very low birth weight infants in Korea: Korean Neonatal Network update in 2019. <i>Clinical and Experimental Pediatrics</i> , 2020, 63, 284-290.	2.2	19
31	Title is missing!. , 2020, 15, e0240168.		0
32	Title is missing!. , 2020, 15, e0240168.		0
33	Title is missing!. , 2020, 15, e0240168.		0
34	Title is missing!. , 2020, 15, e0240168.		0
35	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
36	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

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37	Initial and delayed thyroid-stimulating hormone elevation in extremely low-birth-weight infants. <i>BMC Pediatrics</i> , 2019, 19, 347.	1.7	10
38	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
39	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
40	Outcome and risk factors associated with perirenal subcapsular fluid collections in extremely preterm infants with acute kidney injury. <i>European Radiology</i> , 2019, 29, 3847-3853.	4.5	5
41	Thrombin Preconditioning Enhances Therapeutic Efficacy of Human Wharton's Jelly-Derived Mesenchymal Stem Cells in Severe Neonatal Hypoxic Ischemic Encephalopathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2477.	4.1	28
42	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
43	Thrombin Preconditioning Boosts Biogenesis of Extracellular Vesicles from Mesenchymal Stem Cells and Enriches Their Cargo Contents via Protease-Activated Receptor-Mediated Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2899.	4.1	22
44	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
45	WKYMMV hexapeptide, a strong formyl peptide receptor 2 agonist, attenuates hyperoxia-induced lung injuries in newborn mice. <i>Scientific Reports</i> , 2019, 9, 6815.	3.3	25
46	A Rare Case of Lethal Prenatal-Onset Infantile Cortical Hyperostosis. <i>Yonsei Medical Journal</i> , 2019, 60, 484.	2.2	2
47	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
48	International Perspectives: Implementation of the Korean Neonatal Network. <i>NeoReviews</i> , 2019, 20, e177-e188.	0.8	6
49	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
50	Mortality Rate-Dependent Variations in the Timing and Causes of Death in Extremely Preterm Infants Born at 23-24 Weeks Gestation*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 630-637.	0.5	11
51	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
52	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
53	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
54	The Impact of Surgical Intervention on Neurodevelopmental Outcomes in Very Low Birth Weight Infants: a Nationwide Cohort Study in Korea. <i>Journal of Korean Medical Science</i> , 2019, 34, e271.	2.5	7

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55	Continuous Renal Replacement Therapy in Preterm Infants. <i>Yonsei Medical Journal</i> , 2019, 60, 984.	2.2	7
56	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
57	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
58	Newborn Hearing Screening Test: A Comparison between Infants in Neonatal Intensive Care Unit versus Nursery. <i>Perinatology</i> , 2018, 29, 121.	0.1	0
59	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
60	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
61	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
62	Dexamethasone does not prevent hydrocephalus after severe intraventricular hemorrhage in newborn rats. <i>PLoS ONE</i> , 2018, 13, e0206306.	2.5	7
63	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. <i>PLoS ONE</i> , 2018, 13, e0206311.	2.5	8
64	The Youngest Survivor with Gestational Age of 215/7 Weeks. <i>Journal of Korean Medical Science</i> , 2018, 33, e22.	2.5	4
65	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
66	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
67	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
68	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. <i>BMC Pediatrics</i> , 2018, 18, 172.	1.7	20
69	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
70	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
71	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
72	Mesenchymal Stem Cells: The Magic Cure for Intraventricular Hemorrhage?. <i>Cell Transplantation</i> , 2017, 26, 439-448.	2.5	29

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73	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
74	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
75	Comparison of Follow-up Courses after Discharge from Neonatal Intensive Care Unit between Very Low Birth Weight Infants with and without Home Oxygen. <i>Journal of Korean Medical Science</i> , 2017, 32, 1295.	2.5	6
76	Stem Cell Therapy for Neonatal Disorders: Prospects and Challenges. <i>Yonsei Medical Journal</i> , 2017, 58, 266.	2.2	22
77	Trends in Overall Mortality, and Timing and Cause of Death among Extremely Preterm Infants near the Limit of Viability. <i>PLoS ONE</i> , 2017, 12, e0170220.	2.5	29
78	A Novel <i>De Novo</i> Pathogenic Variant in <i>FOXF1</i> in a Newborn with Alveolar Capillary Dysplasia with Misalignment of Pulmonary Veins. <i>Yonsei Medical Journal</i> , 2017, 58, 672.	2.2	10
79	Novel Pathogenic Variant (c.580C>T) in the <i>CPS1</i> 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
80	MERS-CoV Infection in a Pregnant Woman in Korea. <i>Journal of Korean Medical Science</i> , 2017, 32, 1717.	2.5	84
81	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
82	Trends in Survival and Incidence of Bronchopulmonary Dysplasia in Extremely Preterm Infants at 23-26 Weeks Gestation. <i>Journal of Korean Medical Science</i> , 2016, 31, 423.	2.5	27
83	Past, present, and future of neonatology in Korea. <i>Journal of the Korean Medical Association</i> , 2016, 59, 487.	0.3	5
84	Future of neonatology in Korea: the way forward. <i>Journal of the Korean Medical Association</i> , 2016, 59, 506.	0.3	10
85	Opposing roles of the two isoforms of ErbB3 binding protein 1 in human cancer cells. <i>International Journal of Cancer</i> , 2016, 139, 1202-1208.	5.1	22
86	Stem Cells for Neonatal Brain Disorders. <i>Neonatology</i> , 2016, 109, 377-383.	2.0	28
87	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
88	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
89	Optimal Timing of Mesenchymal Stem Cell Therapy for Neonatal Intraventricular Hemorrhage. <i>Cell Transplantation</i> , 2016, 25, 1131-1144.	2.5	60
90	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

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91	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
92	Cell type-dependent variation in paracrine potency determines therapeutic efficacy against neonatal hyperoxic lung injury. <i>Cytotherapy</i> , 2015, 17, 1025-1035.	0.7	55
93	Use of Medical Resources by Preterm Infants Born at Less than 33 Weeks' Gestation Following Discharge from the Neonatal Intensive Care Unit in Korea. <i>Journal of Korean Medical Science</i> , 2015, 30, S95.	2.5	6
94	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
95	Stem Cell Therapy for Bronchopulmonary Dysplasia: Bench to Bedside Translation. <i>Journal of Korean Medical Science</i> , 2015, 30, 509.	2.5	24
96	The Korean Neonatal Network: An Overview. <i>Journal of Korean Medical Science</i> , 2015, 30, S3.	2.5	71
97	Prevention of Cytomegalovirus Transmission via Breast Milk in Extremely Low Birth Weight Infants. <i>Yonsei Medical Journal</i> , 2015, 56, 998.	2.2	25
98	Effect of Prophylactic Palivizumab on Admission Due to Respiratory Syncytial Virus Infection in Former Very Low Birth Weight Infants with Bronchopulmonary Dysplasia. <i>Journal of Korean Medical Science</i> , 2015, 30, 924.	2.5	6
99	Hypothermia Augments Neuroprotective Activity of Mesenchymal Stem Cells for Neonatal Hypoxic-Ischemic Encephalopathy. <i>PLoS ONE</i> , 2015, 10, e0120893.	2.5	103
100	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
101	Dried Blood Spot Testing for Seven Steroids Using Liquid Chromatography-Tandem Mass Spectrometry With Reference Interval Determination in the Korean Population. <i>Annals of Laboratory Medicine</i> , 2015, 35, 578-585.	2.5	26
102	Optimal Route for Mesenchymal Stem Cells Transplantation after Severe Intraventricular Hemorrhage in Newborn Rats. <i>PLoS ONE</i> , 2015, 10, e0132919.	2.5	63
103	PREFACE. <i>Journal of Korean Medical Science</i> , 2015, 30, S2.	2.5	0
104	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
105	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
106	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
107	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
108	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



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109	Mesenchymal stem cells transplantation for neuroprotection in preterm infants with severe intraventricular hemorrhage. Korean Journal of Pediatrics, 2014, 57, 251.	1.9	33
110	Retinopathy of Prematurity in Infants with Birth Weights Greater than 1,000 Grams. Neonatal Medicine, 2014, 21, 179.	0.2	1
111	The Readmission of Preterm Infants of 30-33 Weeks Gestational Age within 1 Year Following Discharge from Neonatal Intensive Care Unit in Korea. Neonatal Medicine, 2014, 21, 224.	0.2	1
112	Mesenchymal Stem Cells Prevent Hydrocephalus After Severe Intraventricular Hemorrhage. Stroke, 2013, 44, 497-504.	2.0	151
113	Antenatal betamethasone attenuates intrauterine infection-aggravated hyperoxia-induced lung injury in neonatal rats. Pediatric Research, 2013, 73, 726-733.	2.3	10
114	The Impact of Neonatal Care Resources on Regional Variation in Neonatal Mortality Among Very Low Birthweight Infants in Korea. Paediatric and Perinatal Epidemiology, 2013, 27, 216-225.	1.7	30
115	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. Yonsei Medical Journal, 2013, 54, 416.	2.2	54
116	Timing of Umbilical Cord Blood Derived Mesenchymal Stem Cells Transplantation Determines Therapeutic Efficacy in the Neonatal Hyperoxic Lung Injury. PLoS ONE, 2013, 8, e52419.	2.5	116
117	The Establishment of the Korean Neonatal Network (KNN). Neonatal Medicine, 2013, 20, 169.	0.2	29
118	Strategies to Overcome the Limit of Viability of Microprimie. Neonatal Medicine, 2013, 20, 258.	0.2	3
119	Glycogen Storage Disease Presenting as Fetal Hydrops: A Case Report. Korean Journal of Perinatology, 2013, 24, 187.	0.1	0
120	Operational Outcomes of Bowel Perforation Due to Necrotizing Enterocolitis in Preterm Infants of Less than or Equal to 25 Weeks' Gestational Age. Neonatal Medicine, 2013, 20, 438.	0.2	1
121	Human umbilical cord blood-derived mesenchymal stem cell transplantation attenuates severe brain injury by permanent middle cerebral artery occlusion in newborn rats. Pediatric Research, 2012, 72, 277-284.	2.3	112
122	Neuroprotective effects of L-carnitine against oxygen-glucose deprivation in rat primary cortical neurons. Korean Journal of Pediatrics, 2012, 55, 238.	1.9	12
123	Intratracheal Transplantation of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Dose-Dependently Attenuates Hyperoxia-Induced Lung Injury in Neonatal Rats. Cell Transplantation, 2011, 20, 1843-1854.	2.5	130
124	Nutritional Support in Premature Infants. Hanyang Medical Reviews, 2011, 31, 246.	0.4	4
125	Recent Trends in Neonatal Mortality in Very Low Birth Weight Korean Infants: In Comparison with Japan and the USA. Journal of Korean Medical Science, 2011, 26, 467.	2.5	60
126	Preterm infants fed nutrient-enriched formula until 6 months show improved growth and development. Pediatrics International, 2011, 53, 683-688.	0.5	19



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127	Regionalization of neonatal intensive care in Korea. Korean Journal of Pediatrics, 2011, 54, 481.	1.9	10
128	Pulmonary Hypertension Secondary to Bronchopulmonary Dysplasia in Very Low Birth Weight Infants (<math>\leq 1,500\text{ g}</math>). Journal of the Korean Society of Neonatology, 2011, 18, 96.	0.3	3
129	Two Cases of Tension Pneumopericardium in Mechanically Ventilated Preterm Infants. Journal of the Korean Society of Neonatology, 2011, 18, 153.	0.3	0
130	Effect of Synagis <sup>®</sup> (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
131	Postnatal Management of Antenatally Diagnosed Patent Urachus with Bladder Prolapse. Journal of the Korean Society of Neonatology, 2010, 17, 262.	0.3	2
132	$\hat{I}\pm$ -PHENYL-N-tert-BUTYLNITRONE ATTENUATES HYPEROXIA-INDUCED LUNG INJURY BY DOWN-MODULATING INFLAMMATION IN NEONATAL RATS. Experimental Lung Research, 2009, 35, 234-249.	1.2	15
133	Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Attenuate Hyperoxia-Induced Lung Injury in Neonatal Rats. Cell Transplantation, 2009, 18, 869-886.	2.5	219
134	Clinical course and prognosis of hemodynamically significant congenital heart defects in very low birth weight infants. Korean Journal of Pediatrics, 2009, 52, 481.	1.9	0
135	A case of pulmonary vascular air embolism in a very-low-birth-weight infant with massive hydrops. Korean Journal of Pediatrics, 2009, 52, 1392.	1.9	0
136	Gastrointestinal surgery in very low birth weight infants: Clinical characteristics. Korean Journal of Pediatrics, 2009, 52, 295.	1.9	2
137	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
138	Erythropoietin Attenuates Hyperoxia-Induced Lung Injury by Down-modulating Inflammation in Neonatal Rats. Journal of Korean Medical Science, 2007, 22, 1042.	2.5	3
139	Pretreatment with N-nitro-L-arginine Methyl Ester Improved Oxygenation After Inhalation of Nitric Oxide in Newborn Piglets with Escherichia coli Pneumonia and Sepsis. Journal of Korean Medical Science, 2006, 21, 965.	2.5	1
140	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
141	Effect of $\hat{I}\pm$ -Phenyl-N-tert-Butylnitron on Brain Cell Membrane Function and Energy Metabolism in Experimental Escherichia coli Meningitis in the Newborn Piglet. Journal of Neurochemistry, 2001, 74, 763-769.	3.9	10
142	Effect of hypothermia on brain cell membrane function and energy metabolism in experimental Escherichia coli meningitis in the newborn piglet. Neurochemical Research, 2001, 26, 369-374.	3.3	14
143	N <sup>o</sup> -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. Neurological Research, 2001, 23, 862-868.	1.3	8
144	3-Aminobenzamide, a poly (ADP-ribose) synthetase inhibitor, attenuates the acute inflammatory responses and brain injury in experimental Escherichia coli meningitis in the newborn piglet. Neurological Research, 2001, 23, 410-416.	1.3	3

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145	Effects of microbial invasion on cerebral hemodynamics and oxygenation monitored by near infrared spectroscopy in experimental Escherichia coli meningitis in the newborn piglet. Neurological Research, 1999, 21, 391-398.	1.3	9