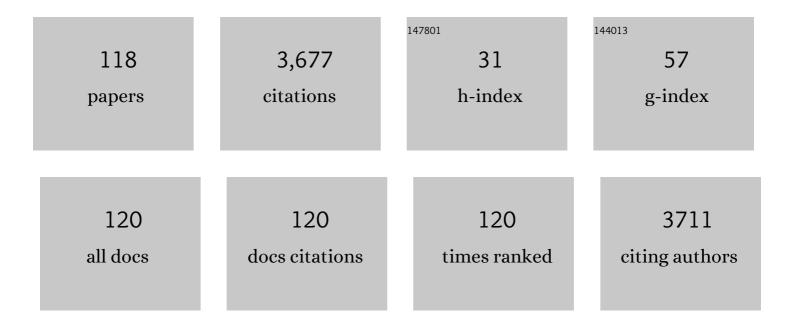
Won Soon Park

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mesenchymal Stem Cells for Bronchopulmonary Dysplasia: Phase 1 Dose-Escalation Clinical Trial. Journal of Pediatrics, 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. Cell Transplantation, 2009, 18, 869-886.	2.5	219
3	Two-Year Follow-Up Outcomes of Premature Infants Enrolled in the Phase I Trial of Mesenchymal Stem Cells Transplantation for Bronchopulmonary Dysplasia. Journal of Pediatrics, 2017, 185, 49-54.e2.	1.8	143
4	Effect of Sustained Inflations vs Intermittent Positive Pressure Ventilation on Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants. JAMA - Journal of the American Medical Association, 2019, 321, 1165.	7.4	137
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. Cellular Microbiology, 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. Cell Transplantation, 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. PLoS ONE, 2013, 8, e52419.	2.5	116
8	Mesenchymal Stem Cells for Severe Intraventricular Hemorrhage in Preterm Infants: Phase I Dose-Escalation Clinical Trial. Stem Cells Translational Medicine, 2018, 7, 847-856.	3.3	113
9	Vascular endothelial growth factor mediates the therapeutic efficacy of mesenchymal stem cell-derived extracellular vesicles against neonatal hyperoxic lung injury. Experimental and Molecular Medicine, 2018, 50, 1-12.	7.7	109
10	Mandatory Closure Versus Nonintervention for Patent Ductus Arteriosus in Very Preterm Infants. Journal of Pediatrics, 2016, 177, 66-71.e1.	1.8	107
11	Hypothermia Augments Neuroprotective Activity of Mesenchymal Stem Cells for Neonatal Hypoxic-Ischemic Encephalopathy. PLoS ONE, 2015, 10, e0120893.	2.5	103
12	Critical Role of Vascular Endothelial Growth Factor Secreted by Mesenchymal Stem Cells in Hyperoxic Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 391-399.	2.9	99
13	Strategies to enhance paracrine potency of transplanted mesenchymal stem cells in intractable neonatal disorders. Pediatric Research, 2018, 83, 214-222.	2.3	90
14	MERS-CoV Infection in a Pregnant Woman in Korea. Journal of Korean Medical Science, 2017, 32, 1717.	2.5	84
15	The Korean Neonatal Network: An Overview. Journal of Korean Medical Science, 2015, 30, S3.	2.5	71
16	Optimal Route for Mesenchymal Stem Cells Transplantation after Severe Intraventricular Hemorrhage in Newborn Rats. PLoS ONE, 2015, 10, e0132919.	2.5	63
17	Optimal Timing of Mesenchymal Stem Cell Therapy for Neonatal Intraventricular Hemorrhage. Cell Transplantation, 2016, 25, 1131-1144.	2.5	60
18	Human UCB-MSCs treatment upon intraventricular hemorrhage contributes to attenuate hippocampal neuron loss and circuit damage through BDNF-CREB signaling. Stem Cell Research and Therapy, 2018, 9, 326.	5.5	58

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19	Stem Cells for Bronchopulmonary Dysplasia in Preterm Infants: A Randomized Controlled Phase II Trial. Stem Cells Translational Medicine, 2021, 10, 1129-1137.	3.3	58
20	Cell type–dependent variation in paracrine potency determines therapeutic efficacy against neonatal hyperoxic lung injury. Cytotherapy, 2015, 17, 1025-1035.	0.7	55
21	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
22	Effect of Nonintervention vs Oral Ibuprofen in Patent Ductus Arteriosus in Preterm Infants. JAMA Pediatrics, 2020, 174, 755.	6.2	50
23	Hypothermia broadens the therapeutic time window of mesenchymal stem cell transplantation for severe neonatal hypoxic ischemic encephalopathy. Scientific Reports, 2018, 8, 7665.	3.3	49
24	Optimal Route for Human Umbilical Cord Blood-Derived Mesenchymal Stem Cell Transplantation to Protect Against Neonatal Hyperoxic Lung Injury: Gene Expression Profiles and Histopathology. PLoS ONE, 2015, 10, e0135574.	2.5	46
25	Thrombin Preconditioning of Extracellular Vesicles Derived from Mesenchymal Stem Cells Accelerates Cutaneous Wound Healing by Boosting Their Biogenesis and Enriching Cargo Content. Journal of Clinical Medicine, 2019, 8, 533.	2.4	46
26	Steroid profiling for congenital adrenal hyperplasia by tandem mass spectrometry as a second-tier test reduces follow-up burdens in a tertiary care hospital: A retrospective and prospective evaluation. Journal of Perinatal Medicine, 2014, 42, 121-127.	1.4	44
27	Swallowing dysfunction in very low birth weight infants with oral feeding desaturation. World Journal of Pediatrics, 2011, 7, 337-343.	1.8	43
28	Natural evolution of ductus arteriosus with noninterventional conservative management in extremely preterm infants born at 23-28 weeks of gestation. PLoS ONE, 2019, 14, e0212256.	2.5	41
29	Intratracheal transplantation of mesenchymal stem cells simultaneously attenuates both lung and brain injuries in hyperoxic newborn rats. Pediatric Research, 2016, 80, 415-424.	2.3	38
30	Brain-derived neurotropic factor mediates neuroprotection of mesenchymal stem cell-derived extracellular vesicles against severe intraventricular hemorrhage in newborn rats. Stem Cells Translational Medicine, 2021, 10, 374-384.	3.3	36
31	Mesenchymal stem cells transplantation for neuroprotection in preterm infants with severe intraventricular hemorrhage. Korean Journal of Pediatrics, 2014, 57, 251.	1.9	33
32	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. PLoS ONE, 2018, 13, e0192232.	2.5	31
33	Reactive microglia and astrocytes in neonatal intraventricular hemorrhage model are blocked by mesenchymal stem cells. Glia, 2020, 68, 178-192.	4.9	31
34	Comparative evaluation of hypoxic–ischemic brain injury by flow cytometric analysis of mitochondrial membrane potential with JC-1 in neonatal rats. Journal of Neuroscience Methods, 2010, 193, 232-238.	2.5	30
35	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
36	The Establishment of the Korean Neonatal Network (KNN). Neonatal Medicine, 2013, 20, 169.	0.2	29

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37	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
38	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
39	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
40	Prevention of Cytomegalovirus Transmission via Breast Milk in Extremely Low Birth Weight Infants. Yonsei Medical Journal, 2015, 56, 998.	2.2	25
41	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
42	Stem Cell Therapy for Bronchopulmonary Dysplasia: Bench to Bedside Translation. Journal of Korean Medical Science, 2015, 30, 509.	2.5	24
43	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
44	Stem Cell Therapy for Neonatal Disorders: Prospects and Challenges. Yonsei Medical Journal, 2017, 58, 266.	2.2	22
45	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
46	Trends in the incidence and associated factors of late-onset sepsis associated with improved survival in extremely preterm infants born at 23–26Âweeks' gestation: a retrospective study. BMC Pediatrics, 2018, 18, 172.	1.7	20
47	Preterm infants fed nutrientâ€enriched formula until 6 months show improved growth and development. Pediatrics International, 2011, 53, 683-688.	0.5	19
48	Mesenchymal stem cells transplantation attenuates brain injury and enhances bacterial clearance in Escherichia coli meningitis in newborn rats. Pediatric Research, 2018, 84, 778-785.	2.3	17
49	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. Journal of Korean Medical Science, 2014, 29, 581.	2.5	16
50	Mortality rate-dependent variations in the survival without major morbidities rate of extremely preterm infants. Scientific Reports, 2019, 9, 7371.	3.3	16
51	α-PHENYL- <i>N</i> -tert-BUTYLNITRONE ATTENUATES HYPEROXIA-INDUCED LUNG INJURY BY DOWN-MODULATING INFLAMMATION IN NEONATAL RATS. Experimental Lung Research, 2009, 35, 234-249.	1.2	15
52	A novel <i>PRF1</i> gene mutation in a fatal neonate case with type 2 familial hemophagocytic lymphohistiocytosis. Korean Journal of Pediatrics, 2014, 57, 50.	1.9	15
53	BDNF-Overexpressing Engineered Mesenchymal Stem Cells Enhances Their Therapeutic Efficacy against Severe Neonatal Hypoxic Ischemic Brain Injury. International Journal of Molecular Sciences, 2021, 22, 11395.	4.1	15
54	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

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55	Neuroplasticity for spontaneous functional recovery after neonatal hypoxic ischemic brain injury in rats observed by functional MRI and diffusion tensor imaging. NeuroImage, 2016, 126, 140-150.	4.2	13
56	Neuroprotective Effect of Cycloheximide on Hypoxic-Ischemic Brain Injury in Neonatal Rats. Journal of Korean Medical Science, 2006, 21, 337.	2.5	12
57	Risk factors and rate of progression for zone I versus zone II type 1 retinopathy of prematurity. Journal of AAPOS, 2014, 18, 124-128.	0.3	12
58	Mesenchymal stem cell therapy for intractable neonatal disorders. Pediatrics and Neonatology, 2021, 62, S16-S21.	0.9	12
59	Effect of 7-Nitroindazole on Bilirubin-Induced Changes in Brain Cell Membrane Function and Energy Metabolism in Newborn Piglets. Neonatology, 2002, 82, 61-65.	2.0	11
60	Incidence and severity of transient hypothyroxinaemia of prematurity associated with survival without composite morbidities in extremely low birth weight infants. Scientific Reports, 2019, 9, 9628.	3.3	11
61	Increased risk of refeeding syndrome–like hypophosphatemia with high initial amino acid intake in small-for-gestational-age, extremely-low-birthweight infants. PLoS ONE, 2019, 14, e0221042.	2.5	11
62	Mortality Rate-Dependent Variations in the Timing and Causes of Death in Extremely Preterm Infants Born at 23–24 Weeks' Gestation*. Pediatric Critical Care Medicine, 2019, 20, 630-637.	0.5	11
63	Effect of α-Phenyl-N-tert-Butylnitrone 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
64	A Novel <i>De Novo</i> Pathogenic Variant in <i>FOXF1</i> in a Newborn with Alveolar Capillary Dysplasia with Misalignment of Pulmonary Veins. Yonsei Medical Journal, 2017, 58, 672.	2.2	10
65	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. Annals of Laboratory Medicine, 2017, 37, 58-62.	2.5	10
66	Initial and delayed thyroid-stimulating hormone elevation in extremely low-birth-weight infants. BMC Pediatrics, 2019, 19, 347.	1.7	10
67	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. Journal of Maternal-Fetal and Neonatal Medicine. 2019. 32, 1938-1945.	1.5	10
68	Antenatal magnesium sulfate treatment and risk of necrotizing enterocolitis in preterm infants born at less than 32Âweeks of gestation. Scientific Reports, 2020, 10, 12826.	3.3	10
69	Conservative Non-intervention Approach for Hemodynamically Significant Patent Ductus Arteriosus in Extremely Preterm Infants. Frontiers in Pediatrics, 2020, 8, 605134.	1.9	10
70	Stem cell restores thalamocortical plasticity to rescue cognitive deficit in neonatal intraventricular hemorrhage. Experimental Neurology, 2021, 342, 113736.	4.1	10
71	Neuron-specific expression of p48 Ebp1 during murine brain development and its contribution to CNS axon regeneration. BMB Reports, 2017, 50, 126-131.	2.4	10
72	Thrombin Preconditioning Improves the Therapeutic Efficacy of Mesenchymal Stem Cells in Severe Intraventricular Hemorrhage Induced Neonatal Rats. International Journal of Molecular Sciences, 2022, 23, 4447.	4.1	10

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73	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
74	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. Journal of Clinical Medicine, 2020, 9, 699.	2.4	9
75	Increased Risk of Meconium-Related Ileus in Extremely Premature Infants Exposed to Antenatal Magnesium Sulfate. Neonatology, 2022, 119, 68-76.	2.0	9
76	Nï‰-nitro-L-arginine methyl ester (L-NAME) attenuates the acute inflammatory responses and brain injury during the early phase of experimentalEscherichia colimeningitis in the newborn piglet. Neurological Research, 2001, 23, 862-868.	1.3	8
77	Effects of Dopamine Infusion on Cerebral Blood Flow, Brain Cell Membrane Function and Energy Metabolism in Experimental <i>Escherichia coli</i> Meningitis in the Newborn Piglet. Journal of Korean Medical Science, 2003, 18, 869.	2.5	8
78	Therapeutic Window for Cycloheximide Treatment after Hypoxic-Ischemic Brain Injury in Neonatal Rats. Journal of Korean Medical Science, 2006, 21, 490.	2.5	8
79	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
80	Dexamethasone does not prevent hydrocephalus after severe intraventricular hemorrhage in newborn rats. PLoS ONE, 2018, 13, e0206306.	2.5	7
81	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
82	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
83	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
84	Continuous Renal Replacement Therapy in Preterm Infants. Yonsei Medical Journal, 2019, 60, 984.	2.2	7
85	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
86	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
87	International Perspectives: Implementation of the Korean Neonatal Network. NeoReviews, 2019, 20, e177-e188.	0.8	6
88	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
89	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
90	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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91	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. Journal of Korean Medical Science, 2017, 32, 1288.	2.5	4
92	The Youngest Survivor with Gestational Age of 215/7 Weeks. Journal of Korean Medical Science, 2018, 33, e22.	2.5	4
93	Antenatal betamethasone enhanced the detrimental effects of postnatal dexamethasone on hyperoxic lung and brain injuries in newborn rats. PLoS ONE, 2019, 14, e0221847.	2.5	4
94	Survival rate dependent variations in retinopathy of prematurity treatment rates in very low birth weight infants. Scientific Reports, 2020, 10, 19401.	3.3	4
95	Stem Cells for the Prevention of Bronchopulmonary Dysplasia. Respiratory Medicine, 2016, , 299-313.	0.1	4
96	3-Aminobenzamide, a poly (ADP-ribose) synthetase inhibitor, attenuates the acute inflammatory responses and brain injury in experimental Escherichiacolimeningitis in the newborn piglet. Neurological Research, 2001, 23, 410-416.	1.3	3
97	Developing a newborn rat model of ventriculitis without concomitant bacteremia by intraventricular injection of K1 (â^') <i>Escherichia coli</i> . Pediatrics International, 2020, 62, 347-356.	0.5	3
98	Erythropoietin Attenuates Hyperoxia-Induced Lung Injury by Down-modulating Inflammation in Neonatal Rats. Journal of Korean Medical Science, 2007, 22, 1042.	2.5	3
99	Effect of levothyroxine supplementation in extremely low birth weight infants with transient hypothyroxinemia of prematurity. Scientific Reports, 2022, 12, .	3.3	3
100	A Rare Case of Lethal Prenatal-Onset Infantile Cortical Hyperostosis. Yonsei Medical Journal, 2019, 60, 484.	2.2	2
101	Gastrointestinal surgery in very low birth weight infants: Clinical characteristics. Korean Journal of Pediatrics, 2009, 52, 295.	1.9	2
102	Postnatal Management of Antenatally Diagnosed Patent Urachus with Bladder Prolapse. Journal of the Korean Society of Neonatology, 2010, 17, 262.	0.3	2
103	Mortality and Morbidities according to Time of Birth in Extremely Low Birth Weight Infants. Journal of Korean Medical Science, 2021, 36, e86.	2.5	1
104	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
105	Retinopathy of Prematurity in Infants with Birth Weights Greater than 1,000 Grams. Neonatal Medicine, 2014, 21, 179.	0.2	1
106	Newborn Hearing Screening Test: A Comparison between Infants in Neonatal Intensive Care Unit versus Nursery. Perinatology, 2018, 29, 121.	0.1	0
107	B23/Nucleophosmin promotes reconstitution of synaptic path in hippocampus after injury. Biochemical and Biophysical Research Communications, 2019, 508, 1082-1087.	2.1	0

108 Cell-Based Therapy for Neonatal Lung Diseases. , 2019, , 347-361.

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109	A Preterm Infant with Multiple Anomalies Diagnosed with Atypical CHARGE Syndrome after a Novel <i>CHD7</i> Variant Confirmed Using Whole-Genome Sequencing. Neonatology, 2020, 117, 374-379.	2.0	0
110	Nonintervention Is Not Noninferior to Oral Ibuprofen for Treatment of Patent Ductus Arteriosus—Reply. JAMA Pediatrics, 2021, 175, 430.	6.2	0
111	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
112	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
113	Two Cases of Tension Pneumopericardium in Mechanically Ventilated Preterm Infants. Journal of the Korean Society of Neonatology, 2011, 18, 153.	0.3	0
114	Glycogen Storage Disease Presenting as Fetal Hydrops: A Case Report. Korean Journal of Perinatology, 2013, 24, 187.	0.1	0
115	Title is missing!. , 2020, 15, e0240168.		0
116	Title is missing!. , 2020, 15, e0240168.		0
117	Title is missing!. , 2020, 15, e0240168.		0
118	Title is missing!. , 2020, 15, e0240168.		0