

Pre-eclampsia part 1: current understanding of its patho

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Serum Markers for the Prediction of Preeclampsia. Journal of Neurology & Neurophysiology, 2014, 06, .	0.1	1
2	Pre-eclampsia in 2014: Seven ways to make a difference. Pregnancy Hypertension, 2014, 4, 249-252.	1.4	9
3	Malignant cancer and invasive placentation: A case for positive pleiotropy between endometrial and malignancy phenotypes. Evolution, Medicine and Public Health, 2014, 2014, 136-145.	2.5	49
4	miR-125b-1-3p inhibits trophoblast cell invasion by targeting sphingosine-1-phosphate receptor 1 in preeclampsia. Biochemical and Biophysical Research Communications, 2014, 453, 57-63.	2.1	57
5	Sleep-disordered Breathing in Pregnancy. American Journal of Respiratory and Critical Care Medicine, 2014, 190, P1-P2.	5.6	7
6	The predictive value of the first-trimester maternal serum chemerin level for pre-eclampsia. Peptides, 2014, 62, 150-154.	2.4	20
7	Pre-eclampsia part 2: prediction, prevention and management. Nature Reviews Nephrology, 2014, 10, 531-540.	9.6	125
8	The 46 th International Congress of Pathophysiology of Pregnancy and the 35 th Meeting of Japan Society for the Study of Hypertension in Pregnancy. Hypertension Research in Pregnancy, 2014, 2, 109-124.	0.2	0
9	Hypertension in pregnancy. Current Opinion in Cardiology, 2015, 30, 411-415.	1.8	12
10	Ambient air pollutant PM10 and risk of pregnancy-induced hypertension in urban China. Environmental Research Letters, 2015, 10, 084025.	5.2	9
11	Molecular association of pathogenetic contributors to pre-eclampsia (pre-eclampsia associome). BMC Systems Biology, 2015, 9, S4.	3.0	25
12	Prevention of Peri-induction Hypertension in Preeclamptic Patients. Survey of Anesthesiology, 2015, 59, 175-177.	0.1	0
13	Patterns of Second-Line Uterotonic Use in a Large Sample of Hospitalizations for Childbirth in the United States. Survey of Anesthesiology, 2015, 59, 177-178.	0.1	1
14	Cardiovascular Complications of Pregnancy. International Journal of Molecular Sciences, 2015, 16, 23905-23928.	4.1	78
15	Acute Atherosclerosis of the Uterine Spiral Arteries: Clinicopathologic Implications. Journal of Pathology and Translational Medicine, 2015, 49, 462-471.	1.1	33
16	Epigenetics and Preeclampsia: Defining Functional Epimutations in the Preeclamptic Placenta Related to the TGF- β Pathway. PLoS ONE, 2015, 10, e0141294.	2.5	73
17	Preeclampsia – Will Orphan Drug Status Facilitate Innovative Biological Therapies?. Frontiers in Surgery, 2015, 2, 7.	1.4	17
18	Regulator of G protein signaling 5 is a determinant of gestational hypertension and preeclampsia. Science Translational Medicine, 2015, 7, 290ra88.	12.4	39

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19	Gestational weight gain and medical outcomes of pregnancy. <i>Obstetric Medicine</i> , 2015, 8, 133-137.	1.1	47
20	A clear and present danger: inflammasomes DAMPing down disorders of pregnancy. <i>Human Reproduction Update</i> , 2015, 21, 388-405.	10.8	43
21	Weight gain in pregnancy: does the Institute of Medicine have it right?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 362.e1-362.e8.	1.3	83
22	Placental lesions associated with acute atherosclerosis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1554-1562.	1.5	36
23	Metabolic Syndrome and Complications of Pregnancy. , 2015, , .		2
24	The role of microRNAs in the proliferation, differentiation, invasion, and apoptosis of trophoblasts during the occurrence of preeclampsiaâ€”A systematic review. <i>Tzu Chi Medical Journal</i> , 2015, 27, 54-64.	1.1	24
25	Pulsatility index in combination with biomarkers or mean arterial pressure for the prediction of pre-eclampsia: Systematic literature review and meta-analysis. <i>Annals of Medicine</i> , 2015, 47, 414-422.	3.8	20
26	Oxidative stress-induced C/EBPÎ² inhibits Î²-catenin signaling molecule involving in the pathology of preeclampsia. <i>Placenta</i> , 2015, 36, 839-846.	1.5	42
27	Metabolic determinants of white matter hyperintensity burden in patients with ischemic stroke. <i>Atherosclerosis</i> , 2015, 240, 149-153.	0.8	37
28	The potential perinatal origin of placentation disorders in the young primigravida. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 580-585.	1.3	33
29	MicroRNAâ€”494 inhibits the growth and angiogenesisâ€”regulating potential of mesenchymal stem cells. <i>FEBS Letters</i> , 2015, 589, 710-717.	2.8	51
30	Prior cesarean section is associated with increased preeclampsia risk in a subsequent pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2015, 15, 24.	2.4	20
31	Biomarker development for presymptomatic molecular diagnosis of preeclampsia: feasible, useful or even unnecessary?. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 617-629.	3.1	32
32	Preeclampsia, biomarkers, syncytiotrophoblast stress, and placental capacity. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S9.e1-S9.e4.	1.3	233
33	Why is placentation abnormal in preeclampsia?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, S115-S122.	1.3	469
34	Distinct First Trimester Cytokine Profiles for Gestational Hypertension and Preeclampsia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2478-2485.	2.4	36
35	Gestational weight gain and risks for adverse perinatal outcomes: A retrospective cohort study based on the 2009 Institute of Medicine guidelines. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 421-425.	1.3	31
36	Effects of Pravastatin on Human Placenta, Endothelium, and Women With Severe Preeclampsia. <i>Hypertension</i> , 2015, 66, 687-697.	2.7	154

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37	The role of visfatin (PBEF/Nampt) in pregnancy complications. Journal of Reproductive Immunology, 2015, 112, 102-110.	1.9	22
38	Vascular and Metabolic Implications of Novel Targeted Cancer Therapies. Journal of the American College of Cardiology, 2015, 66, 1160-1178.	2.8	157
39	Molecular Mechanisms of Preeclampsia. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a023473.	6.2	127
40	Keap1-Nrf2 regulated redox signaling in utero: Priming of disease susceptibility in offspring. Free Radical Biology and Medicine, 2015, 88, 212-220.	2.9	30
41	Nutrition, Immune System and Preeclampsia. , 2015, , 151-164.		0
42	Metabolic profiles of placenta in preeclampsia using HR-MAS MRS metabolomics. Placenta, 2015, 36, 1455-1462.	1.5	53
43	YC-1 reduces placental sFlt-1 and soluble endoglin production and decreases endothelial dysfunction: A possible therapeutic for preeclampsia. Molecular and Cellular Endocrinology, 2015, 413, 202-208.	3.2	26
44	Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. Journal of Immunology, 2015, 195, 5602-5607.	0.8	30
45	Activin signalling and pre-eclampsia: From genetic risk to pre-symptomatic biomarker. Cytokine, 2015, 71, 360-365.	3.2	26
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47	Echocardiographic Assessment of Structural and Hemodynamic Changes in Hypertension-Related Pregnancy. Journal of Cardiovascular Imaging, 2016, 24, 28.	0.8	19
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50	Placental Nutrient Transport and Intrauterine Growth Restriction. Frontiers in Physiology, 2016, 7, 40.	2.8	96
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53	miRNAs as common regulators of the transforming growth factor (TGF)- β 2 pathway in the preeclamptic placenta and cadmium-treated trophoblasts: Links between the environment, the epigenome and preeclampsia. Food and Chemical Toxicology, 2016, 98, 50-57.	3.6	50
54	Practice Bulletin No. 166: Thrombocytopenia in Pregnancy. Obstetrics and Gynecology, 2016, 128, e43-e53.	2.4	38

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55	Effects of GSTP1 and GPX1 Polymorphisms on the Risk of Preeclampsia in Chinese Han Women. Cellular Physiology and Biochemistry, 2016, 39, 2025-2032.	1.6	12
56	A comparison of the diagnostic utility of the sFlt-1/PlGF ratio versus PlGF alone for the detection of preeclampsia/HELLP syndrome. Hypertension in Pregnancy, 2016, 35, 295-305.	1.1	42
57	Sodium nitrite attenuates hypertension-in-pregnancy and blunts increases in soluble fms-like tyrosine kinase-1 and in vascular endothelial growth factor. Nitric Oxide - Biology and Chemistry, 2016, 57, 71-78.	2.7	24
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59	The atrial natriuretic peptide (ANP) knockout mouse does not exhibit the phenotypic features of pre-eclampsia or demonstrate fetal growth restriction. Placenta, 2016, 42, 25-27.	1.5	4
60	Racial-ethnic differences in midtrimester maternal serum levels of angiogenic and antiangiogenic factors. American Journal of Obstetrics and Gynecology, 2016, 215, 359.e1-359.e9.	1.3	27
61	Severe maternal morbidity and near misses in tertiary hospitals, Kelantan, Malaysia: a cross-sectional study. BMC Public Health, 2016, 16, 229.	2.9	33
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64	Cerebrospinal fluid levels of tau and phospho-tau-181 proteins during pregnancy. Pregnancy Hypertension, 2016, 6, 384-387.	1.4	8
65	Sterile inflammation and pregnancy complications: a review. Reproduction, 2016, 152, R277-R292.	2.6	192
66	Strong inhibitory effect of pre-eclampsia serum on angiogenesis detected in vitro by human cell-based angiogenesis tests. Pregnancy Hypertension, 2016, 6, 367-373.	1.4	6
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70	Understanding Preâ€Eclampsia Using Alzheimer's Etiology: An Intriguing Viewpoint. American Journal of Reproductive Immunology, 2016, 75, 372-381.	1.2	57
71	Nuclear factor of activated T-cells (NFAT) regulates soluble fms-like tyrosine kinase-1 secretion (sFlt-1) from human placenta. Placenta, 2016, 48, 110-118.	1.5	12
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74	Second-trimester urine nephrin:creatinine ratio versus soluble fms-like tyrosine kinase-1:placental growth factor ratio for prediction of preeclampsia among asymptomatic women. Scientific Reports, 2016, 6, 37442.	3.3	4
75	Preeclampsia and the brain: neural control of cardiovascular changes during pregnancy and neurological outcomes of preeclampsia. Clinical Science, 2016, 130, 1417-1434.	4.3	47
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77	Molecular hydrogen ameliorates several characteristics of preeclampsia in the Reduced Uterine Perfusion Pressure (RUPP) rat model. Free Radical Biology and Medicine, 2016, 101, 524-533.	2.9	25
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79	Preeclampsia: from Pathophysiology to Treatment. BANTAO Journal, 2016, 14, 53-59.	0.1	0
80	Increased risk of systemic lupus erythematosus in pregnancy-induced hypertension. Medicine (United Tj ETQq1 1 Q.784314 rgBT /Overl	1.0	12
81	Microvascular endothelial cells from preeclamptic women exhibit altered expression of angiogenic and vasopressor factors. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1834-H1841.	3.2	13
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86	Renal Cortical Necrosis in Postpartum Hemorrhage: A Case Series. American Journal of Kidney Diseases, 2016, 68, 50-57.	1.9	71
87	Preeclampsia and future cardiovascular risk: A point of view from the clearance of plasma vasoactive amines. Hypertension in Pregnancy, 2016, 35, 1-14.	1.1	12
88	Neutrophil migration into the placenta: Good, bad or deadly?. Cell Adhesion and Migration, 2016, 10, 208-225.	2.7	61
89	Preeclampsia and Inflammatory Preterm Labor Alter the Human Placental Hematopoietic Niche. Reproductive Sciences, 2016, 23, 1179-1192.	2.5	10
90	Expectant management of severe preterm preeclampsia: a comparison of maternal and fetal indications for delivery. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 3821-3826.	1.5	7

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91	Comparison of subfoveal choroidal thickness in healthy pregnancy and pre-eclampsia. Eye, 2016, 30, 349-354.	2.1	33
92	Predictive Value of the sFlt-1:PlGF Ratio in Women with Suspected Preeclampsia. New England Journal of Medicine, 2016, 374, 13-22.	27.0	1,158
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94	To serve and to protect: the role of decidual innate immune cells on human pregnancy. Cell and Tissue Research, 2016, 363, 249-265.	2.9	68
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97	The use of angiogenic biomarkers in maternal blood to identify which SGA fetuses will require a preterm delivery and mothers who will develop pre-eclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 1214-1228.	1.5	63
98	Placenta-derived extracellular vesicles: their cargo and possible functions. Reproduction, Fertility and Development, 2017, 29, 433.	0.4	41
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104	MiR-136 contributes to pre-eclampsia through its effects on apoptosis and angiogenesis of mesenchymal stem cells. Placenta, 2017, 50, 102-109.	1.5	43
105	Proton Pump Inhibitors Decrease Soluble fms-Like Tyrosine Kinase-1 and Soluble Endoglin Secretion, Decrease Hypertension, and Rescue Endothelial Dysfunction. Hypertension, 2017, 69, 457-468.	2.7	118
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109	Complications during pregnancy and fetal development: implications for the occurrence of chronic kidney disease. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 211-220.	1.5	3
110	Maternal Plasma Nerve Growth Factor at the 11 ⁺⁰ -13 ⁺⁶ Weeks' Scan as a Potential Angiogenic Marker of Preeclampsia: A Pilot Study. <i>Fetal Diagnosis and Therapy</i> , 2017, 41, 202-208.	1.4	3
111	Resolution of inflammation pathways in preeclampsia—a narrative review. <i>Immunologic Research</i> , 2017, 65, 774-789.	2.9	49
112	Hypoxia-inducible microRNA-218 inhibits trophoblast invasion by targeting LASP1: Implications for preeclampsia development. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 87, 95-103.	2.8	43
113	Nrf2 inactivation enhances placental angiogenesis in a preeclampsia mouse model and improves maternal and fetal outcomes. <i>Science Signaling</i> , 2017, 10, .	3.6	68
114	Endothelial dysfunction in individuals born after fetal growth restriction: cardiovascular and renal consequences and preventive approaches. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 448-464.	1.4	59
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117	Metformin, the aspirin of the 21st century: its role in gestational diabetes mellitus, prevention of preeclampsia and cancer, and the promotion of longevity. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 282-302.	1.3	183
118	Angiogenic and Antiangiogenic Markers for Prediction and Risk Classification of Preeclampsia. <i>Clinical Obstetrics and Gynecology</i> , 2017, 60, 134-140.	1.1	11
119	Resveratrol inhibits release of soluble fms-like tyrosine kinase (sFlt-1) and soluble endoglin and improves vascular dysfunction — implications as a preeclampsia treatment. <i>Scientific Reports</i> , 2017, 7, 1819.	3.3	49
120	Effect of vascular endothelial growth factors A, C, and D in HIV-associated pre-eclampsia. <i>Hypertension in Pregnancy</i> , 2017, 36, 196-203.	1.1	7
121	Immune-modulatory effects of syncytiotrophoblast extracellular vesicles in pregnancy and preeclampsia. <i>Placenta</i> , 2017, 60, S41-S51.	1.5	42
122	Interleukin-1 Receptor Antagonist Polymorphism and Birth Timing. <i>Nursing Research</i> , 2017, 66, 95-104.	1.7	9
123	Biomarkers for Adverse Pregnancy Outcomes in Rheumatic Diseases. <i>Rheumatic Disease Clinics of North America</i> , 2017, 43, 201-214.	1.9	9
124	Preeclampsia: novel insights from global RNA profiling of trophoblast subpopulations. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 200.e1-200.e17.	1.3	73
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126	Fetal DNA does not induce preeclampsia-like symptoms when delivered in late pregnancy in the mouse. <i>Placenta</i> , 2017, 52, 100-105.	1.5	16

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128	Dlx3 and GCM1 functionally coordinate the regulation of placental growth factor in human trophoblast-derived cells. Journal of Cellular Physiology, 2017, 232, 2900-2914.	4.1	13
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130	First trimester prediction and prevention of adverse pregnancy outcomes related to poor placentation. Current Opinion in Obstetrics and Gynecology, 2017, 29, 367-374.	2.0	7
131	Hypertensive disorders of pregnancy and risk of neurodevelopmental disorders in the offspring: a systematic review and meta-analysis protocol. BMJ Open, 2017, 7, e018313.	1.9	17
132	Neurodevelopment at Age 10 Years of Children Born <28 Weeks With Fetal Growth Restriction. Pediatrics, 2017, 140, .	2.1	54
133	The prediction of fetal death with a simple maternal blood test at 24-28 weeks: a role for angiogenic index-1 (PlGF/sVEGFR-1 ratio). American Journal of Obstetrics and Gynecology, 2017, 217, 682.e1-682.e13.	1.3	31
134	Integrative single-cell and cell-free plasma RNA transcriptomics elucidates placental cellular dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7786-E7795.	7.1	242
135	Comparison of risk factors and perinatal outcomes in early onset and late onset preeclampsia: A cohort based study in Reunion Island. Journal of Reproductive Immunology, 2017, 123, 12-16.	1.9	31
136	Differential accumulation of vimentin fragments in preeclamptic placenta. Cytoskeleton, 2017, 74, 420-425.	2.0	2
137	Preeclampsia associates with RECK-dependent decrease in human trophoblasts migration and invasion. Placenta, 2017, 59, 19-29.	1.5	15
138	The core transcriptome of mammalian placentas and the divergence of expression with placental shape. Placenta, 2017, 57, 71-78.	1.5	62
139	sFlt-1 and soluble endoglin concentrations in serum vs plasma in preterm preeclampsia: Are they interchangeable for biomarker studies?. Pregnancy Hypertension, 2017, 10, 18-21.	1.4	8
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141	Annexin A1 and specialized proresolving lipid mediators: promoting resolution as a therapeutic strategy in human inflammatory diseases. Expert Opinion on Therapeutic Targets, 2017, 21, 879-896.	3.4	37
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143	Natural killer cells and T lymphocytes in pregnancy and pre-eclampsia. Clinical Science, 2017, 131, 2911-2917.	4.3	35
144	Biological functions and role of CCN1/Cyr61 in embryogenesis and tumorigenesis in the female reproductive system (Review). Molecular Medicine Reports, 2017, 17, 3-10.	2.4	24

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146	Which information on women's issues in epilepsy does a community pharmacist need to know? A Delphi consensus study. Epilepsy and Behavior, 2017, 77, 79-89.	1.7	35
147	DLX3 interacts with GCM1 and inhibits its transactivation-stimulating activity in a homeodomain-dependent manner in human trophoblast-derived cells. Scientific Reports, 2017, 7, 2009.	3.3	8
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149	Recognition and Management of Preeclampsia. Hospital Medicine Clinics, 2017, 6, 348-358.	0.2	0
150	Maternal Metabolism and Vascular Adaptation in Pregnancy: The PPAR Link. Trends in Endocrinology and Metabolism, 2017, 28, 73-84.	7.1	25
151	Blood laboratory testing for early prediction of preeclampsia: chasing the finish line or at the starting blocks?. Annals of Medicine, 2017, 49, 240-253.	3.8	9
152	Pathophysiology of preeclampsia: an angiogenic imbalance and long-lasting systemic vascular dysfunction. Hypertension Research, 2017, 40, 305-310.	2.7	92
153	Andr�e Gruslin award lecture: Metabolomics as an important modality to better understand preeclampsia. Placenta, 2017, 60, S32-S40.	1.5	14
154	Circulating free soluble fms-like tyrosine kinase-1 during late first trimester in relation with placental volume as a surrogate for trophoblastic production: a physiology study in low-risk cohort. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 1976-1983.	1.5	8
155	Decreased plasma concentrations of brain-derived neurotrophic factor in preeclampsia. Clinica Chimica Acta, 2017, 464, 142-147.	1.1	15
156	sFlt�1/PlGF for prediction of early�onset pre�eclampsia: STEPS (Study of Early Pre�eclampsia in Spain). Ultrasound in Obstetrics and Gynecology, 2017, 50, 373-382.	1.7	55
157	Gestational weight gain in Japanese women with preeclampsia. Hypertension Research in Pregnancy, 2017, 5, 13-16.	0.2	2
158	A Maternally Sequestered, Biopolymer�stabilized Vascular Endothelial Growth Factor (VEGF) Chimera for Treatment of Preeclampsia. Journal of the American Heart Association, 2017, 6, .	3.7	30
159	Micro- and Nano-vesicles from First Trimester Human Placentae Carry Flt-1 and Levels Are Increased in Severe Preeclampsia. Frontiers in Endocrinology, 2017, 8, 174.	3.5	44
160	Gestational Diabetes Mellitus Is Associated with Altered Neutrophil Activity. Frontiers in Immunology, 2017, 8, 702.	4.8	55
161	Enhanced Depth Imaging Optical Coherence Tomography: A New Way Measuring Choroidal Thickness in Pregnant Women. Journal of Ophthalmology, 2017, 2017, 1-9.	1.3	10
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