

# Augustine Rajakumar

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

1,963  
citations

20  
h-index

44  
g-index

44  
ext. papers

2,253  
ext. citations

5.2  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
40	Zika Virus Infects Human Placental Macrophages. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 83-90	23.4	315
39	Soluble fms-like tyrosine kinase 1 is increased in preeclampsia but not in normotensive pregnancies with small-for-gestational-age neonates: relationship to circulating placental growth factor. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 4895-903	5.6	202
38	Preeclampsia and future cardiovascular disease: potential role of altered angiogenesis and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 6239-43	5.6	165
37	Expression, ontogeny, and regulation of hypoxia-inducible transcription factors in the human placenta. <i>Biology of Reproduction</i> , <b>2000</b> , 63, 559-69	3.9	138
36	Transcriptionally active syncytial aggregates in the maternal circulation may contribute to circulating soluble fms-like tyrosine kinase 1 in preeclampsia. <i>Hypertension</i> , <b>2012</b> , 59, 256-64	8.5	127
35	Selective overexpression of the hypoxia-inducible transcription factor, HIF-2 $\alpha$ , in placentas from women with preeclampsia. <i>Biology of Reproduction</i> , <b>2001</b> , 64, 499-506	3.9	120
34	Conversion of peripheral blood NK cells to a decidual NK-like phenotype by a cocktail of defined factors. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3939-48	5.3	115
33	Angiotensin II type 1 receptor antibodies and increased angiotensin II sensitivity in pregnant rats. <i>Hypertension</i> , <b>2011</b> , 58, 77-84	8.5	107
32	Agonistic angiotensin II type 1 receptor autoantibodies in postpartum women with a history of preeclampsia. <i>Hypertension</i> , <b>2007</b> , 49, 612-7	8.5	98
31	Soluble fms-like tyrosine kinase 1 promotes angiotensin II sensitivity in preeclampsia. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2561-74	15.9	76
30	Vaccine-Derived Neutralizing Antibodies to the Human Cytomegalovirus gH/gL Pentamer Potently Block Primary Cytotrophoblast Infection. <i>Journal of Virology</i> , <b>2015</b> , 89, 11884-98	6.6	62
29	Increased myeloperoxidase in the placenta and circulation of women with preeclampsia. <i>Hypertension</i> , <b>2008</b> , 52, 387-93	8.5	49
28	Trans-activators regulating neuronal glucose transporter isoform-3 gene expression in mammalian neurons. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 26768-79	5.4	38
27	Ouabain inhibits placental sFlt1 production by repressing HSP27-dependent HIF-1 $\beta$ pathway. <i>FASEB Journal</i> , <b>2014</b> , 28, 4324-34	0.9	37
26	Preeclampsia is associated with the presence of transcriptionally active placental fragments in the maternal lung. <i>Hypertension</i> , <b>2013</b> , 62, 608-13	8.5	32
25	Preeclampsia and soluble fms-like tyrosine kinase 1. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 2252-4	5.6	31
24	Maternal endothelial progenitor colony-forming units with macrophage characteristics are reduced in preeclampsia. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 1014-9	2.3	31

23	Relationship between hypoxia and downstream pathogenic pathways in preeclampsia. <i>Hypertension in Pregnancy</i> , <b>2017</b> , 36, 145-150	2	29
22	Drug Repurposing Screen Identifies Foxo1-Dependent Angiotensin-2 Regulation in Sepsis. <i>Critical Care Medicine</i> , <b>2015</b> , 43, e230-40	1.4	27
21	FLT1 and transcriptome-wide polyadenylation site (PAS) analysis in preeclampsia. <i>Scientific Reports</i> , <b>2017</b> , 7, 12139	4.9	23
20	Decidual cells from women with preeclampsia exhibit inadequate decidualization and reduced sFlt1 suppression. <i>Pregnancy Hypertension</i> , <b>2019</b> , 15, 64-71	2.6	16
19	Excess placental secreted frizzled-related protein 1 in maternal smokers impairs fetal growth. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 4021-5	15.9	15
18	Human endometrial stromal cell plasticity: Reversible sFlt1 expression negatively coincides with decidualization. <i>Hypertension in Pregnancy</i> , <b>2017</b> , 36, 204-211	2	14
17	Retinoic Acid Is a Negative Regulator of sFLT1 Expression in Decidual Stromal Cells, and Its Levels Are Reduced in Preeclamptic Decidua. <i>Hypertension</i> , <b>2019</b> , 73, 1104-1111	8.5	13
16	Induced Human Decidual NK-Like Cells Improve Utero-Placental Perfusion in Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164353	3.7	13
15	Vascular pool of releasable soluble VEGF receptor-1 (sFLT1) in women with previous preeclampsia and uncomplicated pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 978-87	5.6	12
14	Potency Analysis of Mesenchymal Stromal Cells Using a Phospho-STAT Matrix Loop Analytical Approach. <i>Stem Cells</i> , <b>2019</b> , 37, 1119-1125	5.8	11
13	Associations Between the Features of Gross Placental Morphology and Birthweight. <i>Pediatric and Developmental Pathology</i> , <b>2019</b> , 22, 194-204	2.2	8
12	Gelsolin is an endogenous inhibitor of syncytiotrophoblast extracellular vesicle shedding in pregnancy. <i>Pregnancy Hypertension</i> , <b>2016</b> , 6, 333-339	2.6	7
11	Organotin(IV) derivatives of amide-based carboxylates: Synthesis, spectroscopic characterization, single crystal studies and antimicrobial, antioxidant, cytotoxic, anti-leishmanial, hemolytic, noncancerous, anticancer activities. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 505, 119433	2.7	6
10	Villous explants from preeclamptic placentas induce sFlt1 in PBMCs: An ex vivo co-culture study. <i>Pregnancy Hypertension</i> , <b>2018</b> , 12, 40-46	2.6	6
9	Associations Between Features of Placental Morphology and Birth Weight in Dichorionic Twins. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 518-526	3.8	5
8	Effects of Supraphysiologic Levels of Estradiol on Endometrial Decidualization, sFlt1, and HOXA10 Expression. <i>Reproductive Sciences</i> , <b>2019</b> , 26, 1626-1632	3	4
7	Transcription factor AP2A affects sFLT1 expression and decidualization in decidual stromal cells: Implications to preeclampsia pathology. <i>Pregnancy Hypertension</i> , <b>2020</b> , 21, 152-158	2.6	2
6	Transcription factor ID1 is involved in decidualization of stromal cells: Implications in preeclampsia. <i>Pregnancy Hypertension</i> , <b>2020</b> , 21, 7-13	2.6	2

5	Alternatively Activated Macrophages Are the Primary Retinoic Acid-Producing Cells in Human Decidua. <i>Reproductive Sciences</i> , <b>2020</b> , 27, 334-341	3	2
4	Human Endometrial Stromal Cell Differentiation is Stimulated by PPAR $\alpha$ Activation: New Targets for Infertility?. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2
3	Aberrant retinoic acid production in the decidua: Implications for pre-eclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , <b>2020</b> , 46, 1007-1016	1.9	1
2	Comparison of diameter-based and image-based measures of surface area from gross placental pathology for use in epidemiologic studies. <i>Placenta</i> , <b>2018</b> , 69, 82-85	3.4	0
1	Reduced angiogenic and increased inflammatory profiles of cord blood cells in severe but not mild preeclampsia. <i>Scientific Reports</i> , <b>2021</b> , 11, 3630	4.9	0