

# Antonin Parizek

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,335  
citations

331642

21  
h-index

361001

35  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1884  
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient brute-force solution to the network reconfiguration problem. IEEE Transactions on Power Delivery, 2000, 15, 996-1000.	4.3	168
2	Exposure to bisphenols and parabens during pregnancy and relations to steroid changes. Environmental Research, 2018, 163, 115-122.	7.5	98
3	Steroid metabolome in plasma from the umbilical artery, umbilical vein, maternal cubital vein and in amniotic fluid in normal and preterm labor. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 594-610.	2.5	95
4	Steroid profiling in pregnancy: A focus on the human fetus. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 201-222.	2.5	72
5	Steroid metabolome in fetal and maternal body fluids in human late pregnancy. Journal of Steroid Biochemistry and Molecular Biology, 2010, 122, 114-132.	2.5	66
6	Circulating levels of pregnanolone isomers during the third trimester of human pregnancy. Journal of Steroid Biochemistry and Molecular Biology, 2007, 105, 166-175.	2.5	56
7	Potent, Selective, and Cell Active Protein Arginine Methyltransferase 5 (PRMT5) Inhibitor Developed by Structure-Based Virtual Screening and Hit Optimization. Journal of Medicinal Chemistry, 2017, 60, 6289-6304.	6.4	53
8	Neuroactive Pregnanolone Isomers during Pregnancy. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 395-403.	3.6	51
9	New recommendations for thromboelastography reference ranges for pregnant women. Thrombosis Research, 2011, 128, e14-e17.	1.7	45
10	The role of obesity and adipose tissue dysfunction in gestational diabetes mellitus. Journal of Endocrinology, 2018, 238, R63-R77.	2.6	41
11	Neuroactive steroids, their precursors, and polar conjugates during parturition and postpartum in maternal and umbilical blood: 1. identification and simultaneous determination of pregnanolone isomers. Journal of Steroid Biochemistry and Molecular Biology, 2000, 75, 237-244.	2.5	38
12	Benefit of Left Atrial Roof Linear Ablation in Paroxysmal Atrial Fibrillation: A Prospective, Randomized Study. Journal of the American Heart Association, 2014, 3, e000877.	3.7	37
13	Low levels of circulating T-regulatory lymphocytes and short cervical length are associated with preterm labor. Journal of Reproductive Immunology, 2014, 106, 110-117.	1.9	37
14	Progesterone, inflammation and preterm labor. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 159-165.	2.5	37
15	Relationships of circulating pregnanolone isomers and their polar conjugates to the status of sex, menstrual cycle, and pregnancy. Journal of Endocrinology, 2007, 195, 67-78.	2.6	36
16	Soluble receptor for advanced glycation end products in physiological and pathological pregnancy. Clinical Biochemistry, 2010, 43, 442-446.	1.9	33
17	Neonatal effect of remifentanyl in general anaesthesia for caesarean section: a randomized trial. BMC Anesthesiology, 2015, 15, 38.	1.8	33
18	Neuroactive steroids, their precursors and polar conjugates during parturition and postpartum in maternal blood: 2. Time profiles of pregnanolone isomers. Journal of Steroid Biochemistry and Molecular Biology, 2001, 78, 51-57.	2.5	29

#	ARTICLE	IF	CITATIONS
19	Fetal complications due to intrahepatic cholestasis of pregnancy. <i>Journal of Perinatal Medicine</i> , 2015, 43, 133-139.	1.4	29
20	Clinical evaluation of peripartum outcomes of mediolateral versus lateral episiotomy. <i>International Journal of Gynecology and Obstetrics</i> , 2014, 124, 72-76.	2.3	26
21	A Comprehensive Evaluation of Steroid Metabolism in Women with Intrahepatic Cholestasis of Pregnancy. <i>PLoS ONE</i> , 2016, 11, e0159203.	2.5	24
22	Reduced Progesterone Metabolites in Human Late Pregnancy. <i>Physiological Research</i> , 2011, 60, 225-241.	0.9	23
23	Detection of feto-maternal infection/inflammation by the soluble receptor for advanced glycation end products (sRAGE): results of a pilot study. <i>Journal of Perinatal Medicine</i> , 2008, 36, 399-404.	1.4	21
24	The steroid metabolome in lamotrigine-treated women with epilepsy. <i>Steroids</i> , 2011, 76, 1351-1357.	1.8	20
25	Determination of 17 $\beta$ -hydroxypregnenolone sulfate and its application in diagnostics. <i>Steroids</i> , 2007, 72, 323-327.	1.8	17
26	The effects of smoking on steroid metabolism and fetal programming. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 139, 138-143.	2.5	17
27	Neuroactive steroids, their precursors and polar conjugates during parturition and postpartum in maternal and umbilical blood: 3 $\beta$ -hydroxy-5-ene steroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 82, 241-250.	2.5	14
28	Low maternal serum matrix metalloproteinase (MMP)-2 concentrations are associated with preterm labor and fetal inflammatory response. <i>Journal of Perinatal Medicine</i> , 2010, 38, 589-96.	1.4	13
29	The distribution of placental oxidoreductase isoforms provides different milieus of steroids influencing pregnancy in the maternal and fetal compartment. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 4, 581-600.	0.7	12
30	Subclinical Inflammation and Adipose Tissue Lymphocytes in Pregnant Females With Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3892-e3902.	3.6	11
31	Cell-free DNA is higher and more fragmented in intrahepatic cholestasis of pregnancy. <i>Prenatal Diagnosis</i> , 2016, 36, 1156-1158.	2.3	10
32	Management of pregnancy after fertility-sparing surgery for cervical cancer. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 830-838.	2.8	8
33	Efficacy and safety of ursodeoxycholic acid in patients with intrahepatic cholestasis of pregnancy. <i>Annals of Hepatology</i> , 2016, 15, 757-61.	1.5	8
34	Prolonged progesterone administration is associated with less frequent cervicovaginal colonization by <i>Ureaplasma urealyticum</i> during pregnancy – Results of a pilot study. <i>Journal of Reproductive Immunology</i> , 2016, 116, 35-41.	1.9	7
35	The possible role of endocrine dysfunction of adipose tissue in gestational diabetes mellitus. <i>Minerva Endocrinologica</i> , 2020, 45, 228-242.	1.8	7
36	Chronic kidney disease and pregnancy outcomes. <i>Scientific Reports</i> , 2021, 11, 21299.	3.3	7

#	ARTICLE	IF	CITATIONS
37	Is It Possible to Personalize the Diagnosis and Treatment of Breast Cancer during Pregnancy?. Journal of Personalized Medicine, 2021, 11, 18.	2.5	7
38	Concussions in Ice Hockey. Current Sports Medicine Reports, 2016, 15, 23-26.	1.2	6
39	The role of steroid hormones in the development of postpartum depression. Endocrine Abstracts, 0, , .	0.0	4
40	Diagnostic and prognostic value of presepsin in preterm deliveries. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 1032-1037.	1.5	3
41	The role of steroids in the development of post-partum mental disorders. Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia, 2014, 158, 361-364.	0.6	3
42	Altered Steroidome in Women with Gestational Diabetes Mellitus: Focus on Neuroactive and Immunomodulatory Steroids from the 24th Week of Pregnancy to Labor. Biomolecules, 2021, 11, 1746.	4.0	2
43	Physiological Relevance of Pregnanolone Isomers and Their Polar Conjugates with Respect to the Gender, Menstrual Cycle and Pregnancy. , 2011, , .		0
44	Serum mannoseâ€binding lectin (MBL) concentrations are reduced in nonâ€pregnant women with previous adverse pregnancy outcomes. Scandinavian Journal of Immunology, 2020, 92, e12892.	2.7	0