

# Michal Kouck

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

36  
papers

479  
citations

12  
h-index

21  
g-index

47  
ext. papers

574  
ext. citations

2.8  
avg, IF

2.93  
L-index

#	Paper	IF	Citations
36	Using nonlinear features for fetal heart rate classification. <i>Biomedical Signal Processing and Control</i> , <b>2012</b> , 7, 350-357	4.9	93
35	Steroid profiling in pregnancy: a focus on the human fetus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 139, 201-22	5.1	56
34	Agreement on intrapartum cardiotocogram recordings between expert obstetricians. <i>Journal of Evaluation in Clinical Practice</i> , <b>2015</b> , 21, 694-702	2.5	44
33	Progesterone, inflammation and preterm labor. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 139, 159-65	5.1	29
32	Automatic evaluation of intrapartum fetal heart rate recordings: a comprehensive analysis of useful features. <i>Physiological Measurement</i> , <b>2011</b> , 32, 1347-60	2.9	28
31	Soluble receptor for advanced glycation end products in physiological and pathological pregnancy. <i>Clinical Biochemistry</i> , <b>2010</b> , 43, 442-6	3.5	28
30	Low levels of circulating T-regulatory lymphocytes and short cervical length are associated with preterm labor. <i>Journal of Reproductive Immunology</i> , <b>2014</b> , 106, 110-7	4.2	22
29	Fetal complications due to intrahepatic cholestasis of pregnancy. <i>Journal of Perinatal Medicine</i> , <b>2015</b> , 43, 133-9	2.7	20
28	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> , <b>2008</b> , 36, 399-404	2.7	20
27	A method for determination of one hundred endogenous steroids in human serum by gas chromatography-tandem mass spectrometry. <i>Physiological Research</i> , <b>2019</b> , 68, 179-207	2.1	17
26	Is maternal progesterone actually independent of the fetal steroids?. <i>Physiological Research</i> , <b>2010</b> , 59, 211-224	2.1	15
25	A Comprehensive Evaluation of Steroid Metabolism in Women with Intrahepatic Cholestasis of Pregnancy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159203	3.7	13
24	Low maternal serum matrix metalloproteinase (MMP)-2 concentrations are associated with preterm labor and fetal inflammatory response. <i>Journal of Perinatal Medicine</i> , <b>2010</b> , 38, 589-96	2.7	12
23	Assessment of features for automatic CTG analysis based on expert annotation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2011</b> , 2011, 6051-4	0.9	12
22	Spontaneous delivery during veno-venous extracorporeal membrane oxygenation in swine influenza-related acute respiratory failure. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2010</b> , 54, 1154-5	1.9	10
21	The role of steroid hormones in the development of intrahepatic cholestasis of pregnancy. <i>Physiological Research</i> , <b>2015</b> , 64, S203-9	2.1	8
20	Receptor for advanced glycation end products (RAGE) and glyoxalase I gene polymorphisms in pathological pregnancy. <i>Clinical Biochemistry</i> , <b>2012</b> , 45, 1409-14	3.5	7

19	Efficiency and safety of ursodeoxycholic acid in patients with intrahepatic cholestasis of pregnancy. <i>Annals of Hepatology</i> , <b>2016</b> , 15, 757-61	3.1	7
18	<b>2009,</b>		6
17	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> , <b>2016</b> , 116, 35-41	4.2	5
16	Evaluation of feature subsets for classification of cardiotocographic recordings <b>2008,</b>		5
15	Pathophysiology of preterm labour. <i>Prague Medical Report</i> , <b>2009</b> , 110, 13-24	0.7	4
14	Kinetics of Helios(+) and Helios(-) T regulatory cell subsets in the circulation of healthy pregnant women. <i>Scandinavian Journal of Immunology</i> , <b>2019</b> , 89, e12754	3.4	3
13	Diagnostic and prognostic value of presepsin in preterm deliveries. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2015</b> , 28, 1032-7	2	3
12	Fetal heart rate data pre-processing and annotation <b>2009,</b>		3
11	Low maternal serum concentrations of mannose-binding lectin are associated with the risk of shorter duration of pregnancy and lower birthweight. <i>Scandinavian Journal of Immunology</i> , <b>2018</b> , 88, e12675	3.4	3
10	The role of steroids in the development of post-partum mental disorders. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2014</b> , 158, 361-4	1.7	2
9	Proactive approach at the limits of viability improves the short-term outcome of neonates born after 23 weeks gestation. <i>Journal of Perinatal Medicine</i> , <b>2018</b> , 46, 103-111	2.7	1
8	Chronic kidney disease and pregnancy outcomes. <i>Scientific Reports</i> , <b>2021</b> , 11, 21299	4.9	1
7	Automatic Classification of Intrapartal Fetal Heart-Rate Recordings [Can It Compete with Experts?]. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 57-66	0.9	1
6	A global perspective on management of bacterial infections in pregnancy: a systematic review of international guidelines. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2020</b> , 1-10	2	1
5	Serum mannose-binding lectin (MBL) concentrations are reduced in non-pregnant women with previous adverse pregnancy outcomes. <i>Scandinavian Journal of Immunology</i> , <b>2020</b> , 92, e12892	3.4	
4	P039: Nasal bone length as a marker of Down syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2003</b> , 22, 81-81	5.8	
3	May circulating steroids reveal a predisposition to intrahepatic cholestasis of pregnancy in non-pregnant women?. <i>Physiological Research</i> , <b>2018</b> , 67, S499-S510	2.1	
2	Steroids, steroid associated substances and gestational diabetes mellitus. <i>Physiological Research</i> , <b>2021</b> , S617-S634	2.1	

1 Steroids, steroid associated substances and gestational diabetes mellitus.. *Physiological Research*,  
**2021**, 70, S617-S634

2.1