

Raheela N Khan

List of Publications by Year in Descending Order

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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.

44 papers	983 citations	19 h-index	30 g-index
45 ext. papers	1,082 ext. citations	3.9 avg, IF	4.02 L-index

#	Paper	IF	Citations
44	Ion Channels as Therapeutic Targets in High Grade Gliomas. <i>Cancers</i> , 2020 , 12,	6.6	9
43	Expression of cholesterol packaging and transport genes in human and rat placenta: impact of obesity and a high-fat diet. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 222-227	2.4	4
42	Inflammation-The role of ATP in pre-eclampsia. <i>Microcirculation</i> , 2020 , 27, e12585	2.9	6
41	Pharmacological profile of vascular activity of human stem villous arteries. <i>Placenta</i> , 2019 , 88, 12-19	3.4	
40	Untargeted analysis of plasma samples from pre-eclamptic women reveals polar and apolar changes in the metabolome. <i>Metabolomics</i> , 2019 , 15, 157	4.7	10
39	Maternal obesity-induced decreases in plasma, hepatic and uterine polyunsaturated fatty acids during labour is reversed through improved nutrition at conception. <i>Scientific Reports</i> , 2018 , 8, 3389	4.9	4
38	Selective oestrogen receptor antagonists inhibit oesophageal cancer cell proliferation in vitro. <i>BMC Cancer</i> , 2018 , 18, 121	4.8	13
37	Evaluation of extraction and normalisation strategies for the analysis of lipids in placental vessels. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 160, 297-300	3.5	
36	Effect of antipsychotics on mitochondrial bioenergetics of rat ovarian theca cells. <i>Toxicology Letters</i> , 2017 , 272, 94-100	4.4	14
35	The role of oxidative stress in antipsychotics induced ovarian toxicity. <i>Toxicology in Vitro</i> , 2017 , 44, 190-196	3.5	13
34	Selection of suitable reference genes for gene expression studies in normal human ovarian tissues, borderline ovarian tumours and ovarian cancer. <i>Molecular Medicine Reports</i> , 2016 , 14, 5725-5731	2.9	8
33	Thecal cell sensitivity to luteinizing hormone and insulin in polycystic ovarian syndrome. <i>Reproductive Biology</i> , 2016 , 16, 53-60	2.3	34
32	Modelling maternal obesity: the effects of a chronic high-fat, high-cholesterol diet on uterine expression of contractile-associated proteins and ex vivo contractile activity during labour in the rat. <i>Clinical Science</i> , 2016 , 130, 183-92	6.5	21
31	Caspase-1-mediated cytokine release from gestational tissues, placental, and cord blood. <i>Frontiers in Physiology</i> , 2015 , 6, 186	4.6	9
30	A clear and present danger: inflammasomes DAMPING down disorders of pregnancy. <i>Human Reproduction Update</i> , 2015 , 21, 388-405	15.8	37
29	Female adipocyte androgen synthesis and the effects of insulin. <i>Molecular Genetics and Metabolism Reports</i> , 2014 , 1, 254-263	1.8	6
28	The effect of pH and ion channel modulators on human placental arteries. <i>PLoS ONE</i> , 2014 , 9, e114405	3.7	4

27	The effect of trichostatin-A and tumor necrosis factor on expression of splice variants of the MaxiK and L-type channels in human myometrium. <i>Frontiers in Physiology</i> , 2014 , 5, 261	4.6	2
26	Expression and effects of modulation of the K2P potassium channels TREK-1 (KCNK2) and TREK-2 (KCNK10) in the normal human ovary and epithelial ovarian cancer. <i>Clinical and Translational Oncology</i> , 2013 , 15, 910-8	3.6	28
25	A role for two-pore potassium (K2P) channels in endometrial epithelial function. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 134-46	5.6	18
24	Regulation of GTP-binding protein (Gβ) expression in human myometrial cells: a role for tumor necrosis factor in modulating Gβ promoter acetylation by transcriptional complexes. <i>Journal of Biological Chemistry</i> , 2013 , 288, 6704-16	5.4	5
23	On the role of the difference in surface tensions involved in the allosteric regulation of NHE-1 induced by low to mild osmotic pressure, membrane tension and lipid asymmetry. <i>Cell Biochemistry and Biophysics</i> , 2012 , 63, 47-57	3.2	8
22	The role of Eag and HERG channels in cell proliferation and apoptotic cell death in SK-OV-3 ovarian cancer cell line. <i>Cancer Cell International</i> , 2011 , 11, 6	6.4	39
21	Inhibition of tissue transglutaminase 2 attenuates contractility of pregnant human myometrium. <i>Biology of Reproduction</i> , 2011 , 84, 646-53	3.9	5
20	Antioxidant enzyme expression, lipid peroxidation, and protein oxidation in human myometrium with parturition. <i>Reproductive Sciences</i> , 2010 , 17, 78-84	3	14
19	Eag and HERG potassium channels as novel therapeutic targets in cancer. <i>World Journal of Surgical Oncology</i> , 2010 , 8, 113	3.4	51
18	The Eag potassium channel as a new prognostic marker in ovarian cancer. <i>Diagnostic Pathology</i> , 2010 , 5, 78	3	41
17	A pre-operative elevated neutrophil: lymphocyte ratio does not predict survival from oesophageal cancer resection. <i>World Journal of Surgical Oncology</i> , 2010 , 8, 1	3.4	72
16	Probing the link between oestrogen receptors and oesophageal cancer. <i>World Journal of Surgical Oncology</i> , 2010 , 8, 9	3.4	21
15	Measurement of vasoactive metabolites (hydroxyeicosatetraenoic and epoxyeicosatrienoic acids) in uterine tissues of normal and compromised human pregnancy. <i>Journal of Hypertension</i> , 2010 , 28, 2429-37	1.9	19
14	Detection of EETs and HETE-generating cytochrome P-450 enzymes and the effects of their metabolites on myometrial and vascular function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E647-56	6	19
13	Interleukin-1 beta secretion from cord blood mononuclear cells in vitro involves P2X 7 receptor activation. <i>Reproductive Sciences</i> , 2008 , 15, 189-94	3	8
12	Quantitative profiling of epoxyeicosatrienoic, hydroxyeicosatetraenoic, and dihydroxyeicosatetraenoic acids in human intrauterine tissues using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2007 , 365, 40-51	3.1	49
11	Progesterone enhances the tocolytic effect of ritodrine in isolated pregnant human myometrium. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 192, 458-63	6.4	46
10	Oxytocin inhibits T-type calcium current of human decidual stromal cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4191-7	5.6	5

9	Hydrogen peroxide and superoxide anion modulate pregnant human myometrial contractility. <i>Reproduction</i> , 2005 , 130, 539-44	3.8	18
8	Contribution of coupling between human myometrial beta2-adrenoreceptor and the BK(Ca) channel to uterine quiescence. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 287, C1747-52	5.4	44
7	Relaxant action of sildenafil citrate (Viagra) on human myometrium of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 315-21	6.4	26
6	Reduced expression of immunoreactive beta2-adrenergic receptor protein in human myometrium with labor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4997-5001	5.6	20
5	Comparison of potassium currents in human decidua before and after the onset of labor. <i>Biology of Reproduction</i> , 2003 , 68, 2281-8	3.9	7
4	Potassium channels in the human myometrium. <i>Experimental Physiology</i> , 2001 , 86, 255-64	2.4	76
3	Activation of large-conductance potassium channels in pregnant human myometrium by pinacidil. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 1027-34	6.4	37
2	Ca ²⁺ dependence and pharmacology of large-conductance K ⁺ channels in nonlabor and labor human uterine myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 1997 , 273, C1721-31	5.4	54
1	The effects of potassium channel openers on isolated pregnant human myometrium before and after the onset of labor: potential for tocolysis. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 169, 1277-85	6.4	59