

# Shahar Kol

## 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.

108  
papers

2,624  
citations

26  
h-index

48  
g-index

116  
ext. papers

2,854  
ext. citations

4.1  
avg. IF

5.06  
L-index

#	Paper	IF	Citations
108	IVF and the exogenous progesterone-free luteal phase. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2021</b> , 33, 188-195	2.4	
107	Reduced FSH and LH action: implications for medically assisted reproduction. <i>Human Reproduction</i> , <b>2021</b> , 36, 1469-1480	5.7	12
106	Time, time, time: see what governs the luteal phase endocrinology. <i>Gynecological Endocrinology</i> , <b>2021</b> , 37, 775-777	2.4	0
105	The exogenous progesterone-free luteal phase: two pilot randomized controlled trials in IVF patients. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 1108-1118	4	1
104	Suboptimal response to GnRH agonist trigger: causes and practical management. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2021</b> , 33, 213-217	2.4	0
103	The Importance of Mid-Follicular Phase Luteinizing Hormone Rise in GnRH Antagonist-Based Ovarian Stimulation for IVF. <i>Gynecologic and Obstetric Investigation</i> , <b>2020</b> , 85, 184-188	2.5	1
102	GnRH agonist triggering followed by 1500 IU of HCG 48 h after oocyte retrieval for luteal phase support. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 854-858	4	4
101	LH Supplementation in Ovarian Stimulation for IVF: The Individual, LH Deficient, Patient Perspective. <i>Gynecologic and Obstetric Investigation</i> , <b>2020</b> , 85, 307-311	2.5	2
100	Distinct and independent dielectrophoretic behavior of the head and tail of sperm and its potential for the safe sorting and isolation of rare spermatozoa. <i>Electrophoresis</i> , <b>2019</b> , 40, 1606-1614	3.6	3
99	A Rationale for Timing of Luteal Support Post Gonadotropin-Releasing Hormone Agonist Trigger. <i>Gynecologic and Obstetric Investigation</i> , <b>2019</b> , 84, 1-5	2.5	4
98	The Role of GnRH Agonist Triggering in GnRH Antagonist-Based Ovarian Stimulation Protocols <b>2019</b> , 363-377		
97	False positive blood hCG test following Corifollitropin alfa injection. <i>Human Reproduction</i> , <b>2018</b> , 33, 177	5.7	2
96	GnRHa trigger and luteal coasting: a new approach for the ovarian hyperstimulation syndrome high-risk patient?. <i>Reproductive BioMedicine Online</i> , <b>2018</b> , 36, 75-77	4	12
95	Day two post retrieval 1500 IUI hCG bolus, progesterone-free luteal support post GnRH agonist trigger - a proof of concept study. <i>Gynecological Endocrinology</i> , <b>2018</b> , 34, 132-135	2.4	6
94	Ultra-Orthodox Jews and infertility diagnosis and treatment. <i>Andrology</i> , <b>2018</b> , 6, 662-664	4.2	1
93	Model versus everyday patients: can randomized controlled trial data really be applied to the clinic?. <i>Reproductive BioMedicine Online</i> , <b>2017</b> , 34, 274-279	4	14
92	GnRH-agonist triggering for final oocyte maturation in GnRH-antagonist IVF cycles induces decreased LH pulse rate and amplitude in early luteal phase: a possible luteolysis mechanism. <i>Gynecological Endocrinology</i> , <b>2017</b> , 33, 741-745	2.4	23

91	GnRH Agonist Triggering of Ovulation Replacing hCG: A 30-Year-Old Revolution in IVF Practice Led by Rambam Health Care Campus. <i>Rambam Maimonides Medical Journal</i> , <b>2017</b> , 8,	1.8	1
90	Anovulatory Patients Demonstrate a Sharp Decline in LH Levels upon GnRH Antagonist Administration during IVF Cycles. <i>Rambam Maimonides Medical Journal</i> , <b>2017</b> , 8,	1.8	1
89	In Vitro fertilization (IVF) treatments in Maccabi Healthcare Services 2007-2014. <i>Israel Journal of Health Policy Research</i> , <b>2016</b> , 5, 14	1.7	7
88	GnRH agonist trigger does not always cause luteolysis: a case report. <i>Reproductive BioMedicine Online</i> , <b>2016</b> , 32, 132-4	4	7
87	Luteal coasting After GnRH agonist trigger - individualized, HCG-based, progesterone-free luteal support in high responders: a case series. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 31, 747-51	4	29
86	Luteal phase support post IVF: individualized early stop. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 31, 633-7	4	3
85	The updated Cochrane review 2014 on GnRH agonist trigger: repeating the same errors. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 30, 563-5	4	17
84	Treatment strategies for the infertile polycystic ovary syndrome patient. <i>Womens Health</i> , <b>2015</b> , 11, 901-12	4	10
83	Severe ovarian hyperstimulation syndrome after gonadotropin-releasing hormone (GnRH) agonist trigger and "freeze-all" approach in GnRH antagonist protocol. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 1008-11	4.8	135
82	Individualized Treatment from Theory to Practice: The Private Case of Adding LH during GnRH Antagonist-based Stimulation Protocol. <i>Clinical Medicine Insights Reproductive Health</i> , <b>2014</b> , 8, 59-64	6.5	10
81	The use of portable CO2 incubator for cross-border shipping of embryos in an international egg donation program. <i>Gynecological Endocrinology</i> , <b>2014</b> , 30, 755-7	2.4	3
80	GnRH agonist triggering: recent developments. <i>Reproductive BioMedicine Online</i> , <b>2013</b> , 26, 226-30	4	69
79	The gonadotropin-releasing hormone antagonist protocol--the protocol of choice for the polycystic ovary syndrome patient undergoing controlled ovarian stimulation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2012</b> , 91, 643-7	3.8	11
78	Reproductive outcome of fresh or frozen-thawed embryo transfer is similar in high-risk patients for ovarian hyperstimulation syndrome using GnRH agonist for final oocyte maturation and intensive luteal support. <i>Human Reproduction</i> , <b>2012</b> , 27, 753-9	5.7	44
77	Reply: GnRH agonist for triggering final oocyte maturation: time for a critical evaluation of data. <i>Human Reproduction Update</i> , <b>2012</b> , 18, 229-230	15.8	2
76	Should Cochrane reviews be performed during the development of new concepts?. <i>Human Reproduction</i> , <b>2012</b> , 27, 6-8	5.7	7
75	A case of severe early-onset OHSS after GnRH-agonist triggering. <i>Fertility and Sterility</i> , <b>2011</b> , 96, e151; author reply e152	4.8	6
74	GnRH agonist for triggering of final oocyte maturation: time for a change of practice?. <i>Human Reproduction Update</i> , <b>2011</b> , 17, 510-24	15.8	229

73	GnRH agonist ovulation trigger and hCG-based, progesterone-free luteal support: a proof of concept study. <i>Human Reproduction</i> , <b>2011</b> , 26, 2874-7	5.7	48
72	Gonadotropin-releasing hormone agonist trigger: the way to eliminate ovarian hyperstimulation syndrome--a 20-year experience. <i>Seminars in Reproductive Medicine</i> , <b>2010</b> , 28, 500-5	1.4	18
71	LH (as HCG) and FSH surges for final oocyte maturation: sometimes it takes two to tango?. <i>Reproductive BioMedicine Online</i> , <b>2010</b> , 21, 590-2	4	30
70	Evidence-based medicine or just a theory?. <i>Fertility and Sterility</i> , <b>2009</b> , 92, e9; author replies e10, e11	4.8	1
69	The vanishing follicle in women aged over forty: premature, mechanical, LH-independent luteinization may reflect oocyte-follicle low quality?. <i>Medical Hypotheses</i> , <b>2008</b> , 70, 1227-8	3.8	2
68	Ultrasound-guided embryo transfer--a special role in patients with certain uterine defects. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 260	4.8	1
67	Change, change, change: hormonal actions depend on changes in blood levels. <i>Human Reproduction</i> , <b>2008</b> , 23, 1004-6	5.7	16
66	Reply: Investigating actions of changing hormone levels. <i>Human Reproduction</i> , <b>2008</b> , 23, 2611-2611	5.7	4
65	GnRH agonist for triggering final oocyte maturation in patients at risk of ovarian hyperstimulation syndrome: still a controversy?. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2008</b> , 25, 63-6	3.4	29
64	GnRH agonist trigger: looking for the coin under the lamp post?. <i>Human Reproduction</i> , <b>2006</b> , 21, 1328; author reply 1328-9	5.7	4
63	Agonist trigger in the context of OHSS prevention: primum non nocere. <i>Human Reproduction Update</i> , <b>2006</b> , 12, 327-8; author reply 328-9	15.8	1
62	GnRH antagonists in ovarian stimulation for IVF. <i>Human Reproduction Update</i> , <b>2006</b> , 12, 333-40	15.8	179
61	Society's contribution to assisted reproductive technology abuse. <i>Human Reproduction</i> , <b>2005</b> , 20, 2362	5.7	1
60	Luteal support post GnRH agonist trigger: do not stop too soon. <i>Human Reproduction</i> , <b>2005</b> , 20, 3257; author reply 3257-8	5.7	2
59	Recombinant gonadotrophin-based, ovarian hyperstimulation syndrome-free stimulation of the high responder: suggested protocol for further research. <i>Reproductive BioMedicine Online</i> , <b>2005</b> , 10, 575-4	4	19
58	To add or not to add LH: consideration of LH concentration changes in individual patients. <i>Reproductive BioMedicine Online</i> , <b>2005</b> , 11, 664-6	4	13
57	Luteolysis induced by a gonadotropin-releasing hormone agonist is the key to prevention of ovarian hyperstimulation syndrome. <i>Fertility and Sterility</i> , <b>2004</b> , 81, 1-5	4.8	134
56	Prediction of ovarian hyperstimulation syndrome: why predict if we can prevent!. <i>Human Reproduction</i> , <b>2003</b> , 18, 1557-8	5.7	14

55	Lower levels of inhibin A and pro-alphaC during the luteal phase after triggering oocyte maturation with a gonadotropin-releasing hormone agonist versus human chorionic gonadotropin. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 1123-8	4.8	55
54	Vascular endothelial growth factor-mediator of PHSS?. <i>Fertility and Sterility</i> , <b>2003</b> , 79, 1466; author reply 1466	4.8	2
53	Ovarian interleukin-1-induced gene expression: privileged genes threshold theory. <i>Medical Hypotheses</i> , <b>2002</b> , 58, 6-8	3.8	15
52	Embryo implantation and GnRH antagonists: GnRH antagonists in ART: lower embryo implantation?. <i>Human Reproduction</i> , <b>2000</b> , 15, 1881-2	5.7	38
51	Use of a single bolus of GnRH agonist triptorelin to trigger ovulation after GnRH antagonist ganirelix treatment in women undergoing ovarian stimulation for assisted reproduction, with special reference to the prevention of ovarian hyperstimulation syndrome: preliminary report: short communication. <i>Human Reproduction</i> , <b>2000</b> , 15, 1965-8	5.7	161
50	Severe OHSS: yes, there is a strategy to prevent it!. <i>Human Reproduction</i> , <b>2000</b> , 15, 2266-7	5.7	26
49	Ovarian stimulation in in vitro fertilization with or without the "long" gonadotropin-releasing hormone agonist protocol: effect on cycle duration and outcome. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 166-8	4.8	2
48	The low responder female IVF patient with hypogonadotropic hypogonadism: do not give up!. <i>Fertility and Sterility</i> , <b>2000</b> , 74, 401-2	4.8	8
47	Triggering Ovulation with GnRH Analogs <b>2000</b> , 308-316		
46	A prospective randomized study comparing intramuscular with intravaginal natural progesterone in programmed thaw cycles. <i>Human Reproduction</i> , <b>1999</b> , 14, 2596-9	5.7	42
45	Early transvaginal embryo aspiration: a safer method for selective reduction in high order multiple gestations. <i>Human Reproduction</i> , <b>1999</b> , 14, 1875-8	5.7	21
44	Transforming growth factor-beta1 is a potent inhibitor of interleukin-1beta action in whole ovarian dispersates. <i>Journal of Endocrinology</i> , <b>1999</b> , 160, 415-23	4.7	3
43	Ovarian interleukin-1 receptor antagonist in rats: gene expression, cellular localization, cyclic variation, and hormonal regulation of a potential determinant of interleukin-1 action. <i>Biology of Reproduction</i> , <b>1999</b> , 61, 274-82	3.9	18
42	Rat ovarian interleukin-1alpha: interleukin-1-dependent in vitro expression. <i>Endocrine</i> , <b>1999</b> , 11, 269-75		4
41	Expression and hormonal regulation of rat ovarian interleukin-1beta converting enzyme, a putative apoptotic marker: endocrine- and paracrine-dependence. <i>Journal of Reproductive Immunology</i> , <b>1999</b> , 45, 67-79	4.2	2
40	The rat intraovarian interleukin (IL)-1 system: cellular localization, cyclic variation and hormonal regulation of IL-1beta and of the type I and type II IL-1 receptors. <i>Molecular and Cellular Endocrinology</i> , <b>1999</b> , 149, 115-28	4.4	23
39	Non-steroidal anti-inflammatory drugs (NSAIDs) block the late, prostanoid-dependent/ceramide-independent component of ovarian IL-1 action: implications for the ovulatory process. <i>Molecular and Cellular Endocrinology</i> , <b>1999</b> , 157, 21-30	4.4	13
38	High doses of gonadotrophin-releasing hormone antagonist in in-vitro fertilization cycles do not adversely affect the outcome of subsequent freeze-thaw cycles. <i>Human Reproduction</i> , <b>1999</b> , 14, 2242-4	5.7	78

37	Glucocorticoids suppress basal (but not interleukin-1-supported) ovarian phospholipase A2 activity: evidence for glucocorticoid receptor-mediated regulation. <i>Molecular and Cellular Endocrinology</i> , <b>1998</b> , 137, 117-25	4.4	26
36	Rat ovarian prostaglandin endoperoxide synthase-1 and -2: periovulatory expression of granulosa cell-based interleukin-1-dependent enzymes. <i>Endocrinology</i> , <b>1998</b> , 139, 2501-8	4.8	27
35	Adjuvant hyperbaric oxygenation therapy in hand edema and ischemia. <i>Techniques in Hand and Upper Extremity Surgery</i> , <b>1998</b> , 2, 274-7	0.5	1
34	First established pregnancy after controlled ovarian hyperstimulation with recombinant follicle stimulating hormone and the gonadotrophin-releasing hormone antagonist ganirelix (Org 37462). <i>Human Reproduction</i> , <b>1998</b> , 13, 294-5	5.7	41
33	The rat ovarian phospholipase A2 system: gene expression, cellular localization, activity characterization, and interleukin-1 dependence. <i>Endocrinology</i> , <b>1997</b> , 138, 322-31	4.8	23
32	Ovarian origin of plasma and peritoneal fluid prorenin in early pregnancy and in patients with ovarian hyperstimulation syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 461-4	5.6	9
31	Interleukin-1 beta stimulates ovarian phospholipase A2 (PLA2) expression and activity: up-regulation of both secretory and cytosolic PLA2. <i>Endocrinology</i> , <b>1997</b> , 138, 314-21	4.8	12
30	Interleukin (IL)-1beta increases glucose uptake and induces glycolysis in aerobically cultured rat ovarian cells: evidence that IL-1beta may mediate the gonadotropin-induced midcycle metabolic shift. <i>Endocrinology</i> , <b>1997</b> , 138, 2680-8	4.8	19
29	Ovarian expression, cellular localization, and hormonal regulation of rat secretory phospholipase A2: increased expression by interleukin-1 and by gonadotropins. <i>Biology of Reproduction</i> , <b>1997</b> , 57, 217-25	3.9	14
28	Helium and oxygen treatment of severe air-diving-induced neurologic decompression sickness. <i>Archives of Neurology</i> , <b>1997</b> , 54, 305-11		18
27	Insulin-like growth factor I affects the intraovarian interleukin-1 system: evidence for suppression of type I interleukin-1 receptor expression and enhancement of secretory phospholipase A2 expression and activity. <i>Molecular Human Reproduction</i> , <b>1997</b> , 3, 1095-9	4.4	7
26	Assisted implantation: direct intraendometrial embryo transfer. <i>Gynecologic and Obstetric Investigation</i> , <b>1997</b> , 43, 73-5	2.5	1
25	Reply of the author. <i>Fertility and Sterility</i> , <b>1997</b> , 68, 1152-1153	4.8	
24	The presence of a sponsoring embryo in a batch of poor quality thawed embryos significantly increases pregnancy and implantation rate. <i>Fertility and Sterility</i> , <b>1997</b> , 67, 711-6	4.8	18
23	Avoiding neurological injury. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1997</b> , 11, 684	2.1	
22	The midcycle increase in ovarian glucose uptake is associated with enhanced expression of glucose transporter 3. Possible role for interleukin-1, a putative intermediary in the ovulatory process. <i>Journal of Clinical Investigation</i> , <b>1997</b> , 99, 2274-83	15.9	49
21	The incidence and possible relevance of Y-linked microdeletions in babies born after intracytoplasmic sperm injection and their infertile fathers. <i>Molecular Human Reproduction</i> , <b>1996</b> , 2, 943-50	4.4	210
20	Ovarian hyperstimulation: effects of GnRH analogues. Ovarian hyperstimulation syndrome after using gonadotrophin-releasing hormone analogue as a trigger of ovulation: causes and implications. <i>Human Reproduction</i> , <b>1996</b> , 11, 1143-4	5.7	22

19	Thyroid function in early normal pregnancy: transient suppression of thyroid-stimulating hormone and stimulation of triiodothyronine. <i>Gynecologic and Obstetric Investigation</i> , <b>1996</b> , 42, 227-9	2.5	2
18	Infertility in intracytoplasmic-sperm-injection-derived sons. <i>Lancet, The</i> , <b>1996</b> , 348, 332	4.0	22
17	Comparison of gonadotrophin-releasing hormone analogues and human chorionic gonadotrophin for the induction of ovulation and prevention of ovarian hyperstimulation syndrome: a case-control study. <i>Human Reproduction</i> , <b>1996</b> , 11, 1399-402	5.7	67
16	Undocumented embryos: do not trash them, FISH them. <i>Human Reproduction</i> , <b>1996</b> , 11, 2502-6	5.7	37
15	Simplified riboprobe purification using translucent straws as gel tubes. <i>Genetic Analysis, Techniques and Applications</i> , <b>1996</b> , 12, 129-32		11
14	Detection and in vivo hormonal regulation of rat ovarian type I and type II interleukin-1 receptor mRNAs: Increased expression during the periovulatory period. <i>Journal of the Society for Gynecologic Investigation</i> , <b>1996</b> , 3, 131-139		17
13	Interpretation of nonstress tests by an artificial neural network. <i>American Journal of Obstetrics and Gynecology</i> , <b>1995</b> , 172, 1372-9	6.4	27
12	The use of GnRH analogs for induction of the preovulatory gonadotropin surge in assisted reproduction and prevention of the ovarian hyperstimulation syndrome. <i>Gynecological Endocrinology</i> , <b>1995</b> , 9, 13-17	2.4	8
11	Intraovarian factors regulating ovarian function. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>1995</b> , 7, 209-13	2.4	34
10	A novel nonhepatic hydroxycholesterol 7 alpha-hydroxylase that is markedly stimulated by interleukin-1 beta. Characterization in the immature rat ovary. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 18888-96	5.4	37
9	Hyperbaric oxygenation for necrotizing fasciitis. <i>American Journal of Obstetrics and Gynecology</i> , <b>1993</b> , 168, 1336	6.4	13
8	The natural history of multiple pregnancies after assisted reproduction: is spontaneous fetal demise a clinically significant phenomenon?. <i>Fertility and Sterility</i> , <b>1993</b> , 60, 127-30	4.8	28
7	Use of gonadotropin-releasing hormone agonist to cause ovulation and prevent the ovarian hyperstimulation syndrome. <i>Clinical Obstetrics and Gynecology</i> , <b>1993</b> , 36, 701-10	1.7	26
6	Preoperative diagnosis of fallopian tube carcinoma by transvaginal sonography and CA-125. <i>Gynecologic Oncology</i> , <b>1990</b> , 37, 129-31	4.9	35
5	Human embryonal extracts modulate placental function in the first trimester: effects of visceral tissues upon chorionic gonadotropin and progesterone secretion. <i>Placenta</i> , <b>1989</b> , 10, 331-44	3.4	16
4	Intravenous glucose tolerance test in gestational diabetes and pregnancy: Manual versus computerized assessment. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>1988</b> , 27, 307-11	2.4	
3	The Rat Ovarian Phospholipase A2 System: Gene Expression, Cellular Localization, Activity Characterization, and Interleukin-1 Dependence		13
2	Interleukin (IL)-1 increases glucose uptake and induces glycolysis in aerobically cultured rat ovarian cells: Evidence that IL-1 may mediate the gonadotropin-induced midcycle metabolic shift		6

- 1 Rat Ovarian Prostaglandin Endoperoxide Synthase-1 and -2: Periovulatory Expression of Granulosa Cell-Based Interleukin-1-Dependent Enzymes

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