

Roy Homburg

List of Publications by Year in descending order

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Version: 2024-02-01

137
papers

873
citations

623734

14
h-index

501196

28
g-index

140
all docs

140
docs citations

140
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Is foetal hyperexposure to androgens a cause of PCOS?. Human Reproduction Update, 2017, 23, 421-432.	10.8	116
2	The role of seminal plasma for improved outcomes during in vitro fertilization treatment: review of the literature and meta-analysis. Human Reproduction Update, 2015, 21, 275-284.	10.8	89
3	The role of AMH in anovulation associated with PCOS: a hypothesis. Human Reproduction, 2014, 29, 1117-1121.	0.9	77
4	First-line ovulation induction for polycystic ovary syndrome: an individual participant data meta-analysis. Human Reproduction Update, 2019, 25, 717-732.	10.8	71
5	Risk of adverse pregnancy and perinatal outcomes after high technology infertility treatment: a comprehensive systematic review. Reproductive Biology and Endocrinology, 2016, 14, 76.	3.3	67
6	Each small antral follicle in ovaries of women with polycystic ovary syndrome produces more anti-Müllerian hormone than its counterpart in a normal ovary: an observational cross-sectional study. Fertility and Sterility, 2015, 103, 537-541.	1.0	54
7	Anti-Müllerian hormone and polycystic ovary syndrome. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2016, 37, 38-45.	2.8	49
8	Observational retrospective study of UK national success, risks and costs for 319,105 IVF/ICSI and 30,669 IUI treatment cycles. BMJ Open, 2020, 10, e034566.	1.9	46
9	Intrauterine insemination with gonadotropin stimulation or in vitro fertilization for the treatment of unexplained subfertility: a randomized controlled trial. Fertility and Sterility, 2017, 107, 1329-1335.e2.	1.0	39
10	A novel method to demonstrate that pregnant women with polycystic ovary syndrome hyper-expose their fetus to androgens as a possible stepping stone for the developmental theory of PCOS. A pilot study. Reproductive Biology and Endocrinology, 2017, 15, 61.	3.3	39
11	The regulation and signalling of anti-Müllerian hormone in human granulosa cells: relevance to polycystic ovary syndrome. Human Reproduction, 2019, 34, 2467-2479.	0.9	28
12	The Source of Polycystic Ovarian Syndrome. Clinical Medicine Insights Reproductive Health, 2019, 13, 117955811987146.	3.9	24
13	A review of IVF in PCOS patients at risk of ovarian hyperstimulation syndrome. Expert Review of Endocrinology and Metabolism, 2019, 14, 315-319.	2.4	23
14	Biomarkers of ovarian reserve in childhood and adolescence: A systematic review. Acta Obstetrica Et Gynecologica Scandinavica, 2019, 98, 563-572.	2.8	15
15	The effect of myo-inositol/d-chiro-inositol on markers of ovarian reserve in women with PCOS undergoing IVF/ICSI: A systematic review and meta-analysis. Acta Obstetrica Et Gynecologica Scandinavica, 2019, 98, 1235-1244.	2.8	14
16	Changes in diet composition with urbanization and its effect on the polycystic ovarian syndrome phenotype in a Western Indian population. Fertility and Sterility, 2019, 112, 758-763.	1.0	12
17	The re-growth of growth hormone in fertility treatment: a critical review. Human Fertility, 2012, 15, 190-193.	1.7	11
18	Pitfalls of NICE recommendations on fertility treatment. BMJ: British Medical Journal, 2017, 356, j751.	2.3	10

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19	SARS-CoV-2: diagnostic and design conundrums in the context of male factor infertility. <i>Reproductive BioMedicine Online</i> , 2020, 41, 365-369.	2.4	10
20	Phenotypic variation in anti-Mullerian hormone (AMH) production per follicle in women with polycystic ovary syndrome (PCOS) and isolated polycystic ovarian morphology (PCOM): an observational cross-sectional study. <i>Gynecological Endocrinology</i> , 2017, 33, 801-806.	1.7	9
21	Adverse outcomes in SAR-CoV-2 (COVID-19) and SARS virus related pregnancies with probable vertical transmission. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2020, 24, 351-357.	0.7	9
22	A New Dawn for Intrauterine Insemination: Efficient and Prudent Practice will Benefit Patients, the Fertility Industry and the Healthcare Bodies. <i>Journal of Obstetrics and Gynecology of India</i> , 2017, 67, 79-85.	0.9	8
23	When Should We Freeze Embryos? Current Data for Fresh and Frozen Embryo Replacement IVF Cycles. <i>Reproductive Sciences</i> , 2021, 28, 3061-3072.	2.5	7
24	IUI is a better alternative than IVF as the first-line treatment of unexplained infertility. <i>Reproductive BioMedicine Online</i> , 2022, 45, 1-3.	2.4	7
25	Ovarian stimulation protocols in assisted reproductive technology: an update. <i>Expert Review of Endocrinology and Metabolism</i> , 2012, 7, 319-330.	2.4	6
26	Effects of metformin treatment on pregnancy outcomes in patients with polycystic ovary syndrome. <i>Expert Review of Endocrinology and Metabolism</i> , 2021, 16, 37-47.	2.4	6
27	Growing body of evidence supports intrauterine insemination as first line treatment and rejects unfounded concerns about its efficacy, risks and cost effectiveness. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2019, 23, 62-67.	0.7	6
28	Effect of cigarette smoking on serum anti-Mullerian hormone and antral follicle count in women seeking fertility treatment: a prospective cross-sectional study. <i>BMJ Open</i> , 2022, 12, e049646.	1.9	6
29	Time-Line in HFEA Developments and Regulatory Challenges: 20 Years of Overseeing Fertility Practices and Research in the UK. <i>Journal of Obstetrics and Gynecology of India</i> , 2013, 63, 363-369.	0.9	5
30	National Survey Highlights the Urgent Need for Standardisation of Embryo Transfer Techniques in the UK. <i>Journal of Clinical Medicine</i> , 2021, 10, 2839.	2.4	3
31	IUI needs fairer appraisal to improve patient and stakeholder choices. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2020, 25, 162-164.	0.7	2
32	Global inequality in sub-fertility treatment needs safer, cost effective, evidence-based and economically viable choices for patients and stakeholders. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2022, 26, 1-2.	0.7	2
33	Where does polycystic ovary syndrome come from?. <i>Annals of Translational Medicine</i> , 2018, 6, 370-370.	1.7	1
34	Prognostic factors in IUI. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2019, 23, 79-80.	0.7	1
35	Letter: Cost-effectiveness analyses in ART consumerism require transparency, simplicity and reproducibility. <i>Human Reproduction</i> , 2021, 36, 826-826.	0.9	1
36	Outcome of mock embryo transfer before the first IVF cycle: A randomized control trial. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 951-960.	0.9	0

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37	Testicular Sperm Should Be Considered for Repeated ICSI Failed Implantation Cases in Men with High Sperm DNA Damage. , 2021, , 189-190.		0
38	Time-Lapse Imaging Should Be a Routine Procedure in Clinical Embryology. , 2021, , 138-139.		0
39	ICSI Should Be Used for All IVF Cycles. , 2021, , 128-130.		0
40	The Microbiome Environment Influences IVF Results. , 2021, , 265-267.		0
41	Luteal Phase Support Should Be Stopped at the Time of a Positive Pregnancy Test. , 2021, , 93-95.		0
42	PGT-A Should Be Offered for Recurrent Implantation Failure. , 2021, , 200-201.		0
43	Metformin Is an Effective Treatment for Infertility Associated with Anovulatory PCOS. , 2021, , 235-236.		0
44	Luteal-Phase Support Should Be Stopped at the Time of a Positive Pregnancy Test. , 2021, , 90-92.		0
45	Uterus Transplantation Is a Step Too Far. , 2021, , 171-172.		0
46	Embryo Morphokinetic Analysis (Time-Lapse Imaging) Is Helpful in Selecting Euploid Blastocysts. , 2021, , 134-137.		0
47	Progesterone Levels Should Be Measured on the Day of hCG Administration. , 2021, , 254-256.		0
48	Testicular Sperm Should Be Considered for Repeated ICSI Failed Implantation Cases in Men with High DNA Damage. , 2021, , 191-193.		0
49	There Is No Place for Natural and Mild Stimulation IVF. , 2021, , 230-234.		0
50	Female Age of Menopause Is a Fair Limit for Ovum Donation. , 2021, , 17-18.		0
51	There Is Value in Examining Sperm DNA Fragmentation. , 2021, , 183-185.		0
52	Single-Embryo Transfer Should Be Performed in All IVF Cycles. , 2021, , 82-83.		0
53	Endometriosis Should Be Suppressed for 6-12 Weeks before Frozen Embryo Transfer. , 2021, , 109-110.		0
54	Progesterone Levels Should Be Measured on the Day of hCG Administration. , 2021, , 257-258.		0

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55	DHEA Is an Effective Treatment for Poor Responders. , 2021, , 26-28.		0
56	Sex Selection Should Be Permitted for Family Balancing. , 2021, , 156-157.		0
57	There Is a Role for Pre-conceptional Treatment with Vitamin D. , 2021, , 46-48.		0
58	Artificial Intelligence Is Useful for Embryo Selection in IVF. , 2021, , 142-144.		0
59	PGT-A Should Be Offered for All Women. , 2021, , 205-206.		0
60	Intramural Fibroids Greater than 4Åcm in Diameter Should Be Removed to Aid Fertility. , 2021, , 120-121.		0
61	A Natural Cycle Is the Best Protocol for Frozen Embryo Replacement. , 2021, , 96-98.		0
62	Intramural Fibroids Greater than 4Åcm in Diameter Should Be Removed to Aid Fertility. , 2021, , 117-119.		0
63	Reproductive Medicine Should Be Publicly Funded. , 2021, , 163-164.		0
64	The Freezing of All Embryos Should Be Used for All IVF Cycles. , 2021, , 84-86.		0
65	AMH Is a Better Predictor of Ovarian Response Than AFC. , 2021, , 210-211.		0
66	Asymptomatic Polycystic Ultrasound Appearance of the Ovary Is Favourable for IVF Outcome. , 2021, , 244-246.		0
67	Pituitary Suppression Using GnRH Agonist for IVF Is Outdated. , 2021, , 219-221.		0
68	The Endometrial Scratch Has Had Its Day. , 2021, , 65-67.		0
69	Natural Killer Cell Assay in the Blood Is a Useless Investigation. , 2021, , 53-55.		0
70	Corticosteroid Therapy Is Useful in Assisting Implantation. , 2021, , 71-73.		0
71	Blastocyst Culture Should Be a Routine in All IVF Cycles. , 2021, , 151-152.		0
72	The Freezing of All Embryos Should Be Used for All IVF Cycles. , 2021, , 87-89.		0

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73	PGT-A Should Be Offered for All Women. , 2021, , 207-209.		0
74	The Addition of LH/hCG to FSH Improves IVF Outcome. , 2021, , 29-31.		0
75	All Infertile Women with a Uterine Septum Should Have a Surgical Removal. , 2021, , 124-125.		0
76	PGT-A Should Be Offered for Recurrent Implantation Failure. , 2021, , 202-204.		0
77	Infertile Patients with Endometriosis Benefit from Surgery. , 2021, , 111-113.		0
78	Intralipid Therapy Has a Place in Infertility Treatment. , 2021, , 59-61.		0
79	There Is No Place for Natural and Mild Stimulation IVF. , 2021, , 228-229.		0
80	All Pregnancies Conceived by IVF Should Be Delivered by Caesarean Section. , 2021, , 103-105.		0
81	The Microbiome Environment Influences IVF Results. , 2021, , 268-270.		0
82	Artificial Intelligence Is Useful for Embryo Selection in IVF. , 2021, , 145-146.		0
83	The Endometrial Scratch Has Had Its Day. , 2021, , 62-64.		0
84	Laparoscopic Ovarian Drilling Should Be Performed for CC-Resistant PCOS. , 2021, , 242-243.		0
85	Gamete Donation Should Be Anonymous. , 2021, , 165-166.		0
86	Natural Killer Cell Assay in the Blood Is a Useless Investigation. , 2021, , 51-52.		0
87	Social Egg Freezing Should Be Available Up To the Age of 40 Years. , 2021, , 19-21.		0
88	There Is No Need to Take Embryos Out of the Incubator until the Day of Embryo Transfer. , 2021, , 149-150.		0
89	All Infertile Women with a Uterine Septum Should Have a Surgical Removal. , 2021, , 122-123.		0
90	Intralipid Therapy Has a Place in Infertility Treatment. , 2021, , 56-58.		0

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91	Corticosteroid Therapy Is Useful in Assisting Implantation. , 2021, , 68-70.		0
92	Female Age 42 Years Should Be the Upper Limit for Conventional IVF/ICSI Treatment. , 2021, , 5-7.		0
93	Meta-analysis Should Not Be Considered Class A Evidence. , 2021, , 173-174.		0
94	Progesterone Treatment Does Not Help Recurrent Miscarriage Patients. , 2021, , 259-260.		0
95	There Is a Role for Pre-conception Treatment with Vitamin D. , 2021, , 49-50.		0
96	Female Age of Menopause Is a Fair Limit for Ovum Donation. , 2021, , 15-16.		0
97	DHEA Is an Effective Treatment for Poor Responders. , 2021, , 24-25.		0
98	Uterus Transplantation Is a Step Too Far. , 2021, , 169-170.		0
99	Sex Selection Should Be Permitted for Family Balancing. , 2021, , 158-159.		0
100	IVF Should Be First-Line Treatment for Unexplained Infertility of Two Years Duration. , 2021, , 74-75.		0
101	ICSI Should Be Used for All IVF Cycles. , 2021, , 126-127.		0
102	The Maximum Effective Dose of FSH for Ovarian Stimulation in IVF Is 300 IU. , 2021, , 225-227.		0
103	Embryo Morphokinetic Analysis (Time-Lapse Imaging) Is Helpful in Selecting Euploid Blastocysts. , 2021, , 131-133.		0
104	Reproductive Medicine Should Be Publicly Funded. , 2021, , 160-162.		0
105	There Is a Role for Pre-conceptional Treatment with CoQ10. , 2021, , 40-43.		0
106	Social Egg Freezing Should Be Available Up To the Age of 40 Years. , 2021, , 22-23.		0
107	Acupuncture Is a Useful Adjuvant for Fertility Treatment. , 2021, , 35-36.		0
108	There Is a Role for Pre-conceptional Treatment with CoQ10. , 2021, , 44-45.		0

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109	Women with a BMI over 40 Should Be Refused Fertility Treatment. , 2021, , 11-14.		0
110	Genome Editing Should Be Allowed for the Prevention of Life-Threatening Genetic Diseases. , 2021, , 194-196.		0
111	Sperm Counts Are Falling Worldwide. , 2021, , 179-180.		0
112	The Maximum Effective Dose of FSH for Ovarian Stimulation in IVF Is 300 IU. , 2021, , 222-224.		0
113	A Natural Cycle Is the Best Protocol for Frozen Embryo Replacement. , 2021, , 99-100.		0
114	There Is Value in Examining Sperm DNA Fragmentation. , 2021, , 186-188.		0
115	There Is No Need to Take Embryos Out of the Incubator until the Day of Embryo Transfer. , 2021, , 147-148.		0
116	Ultrasound Monitoring Is Not Required for Letrozole Treatment. , 2021, , 249-250.		0
117	Single Embryo Transfer Should Be Performed in All IVF Cycles. , 2021, , 79-81.		0
118	Ultrasound Monitoring Is Not Required for Letrozole Treatment. , 2021, , 251-253.		0
119	Acupuncture Is a Useful Adjuvant for Fertility Treatment. , 2021, , 37-39.		0
120	The Addition of LH/hCG to FSH Improves IVF Outcome. , 2021, , 32-34.		0
121	Pituitary Suppression Using GnRH Agonist for IVF Is Outdated. , 2021, , 216-218.		0
122	Metformin Is an Effective Treatment for Infertility Associated with Anovulatory PCOS. , 2021, , 237-238.		0
123	Infertile Patients with Endometriosis Benefit from Surgery. , 2021, , 114-116.		0
124	Progesterone Treatment Does Not Help Recurrent Miscarriage Patients. , 2021, , 261-264.		0
125	Gamete Donation Should Be Anonymous. , 2021, , 167-168.		0
126	Asymptomatic Polycystic Ultrasound Appearance of the Ovary Is Favourable for IVF Outcome. , 2021, , 247-248.		0

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127	IVF Should Be First-Line Treatment for Unexplained Infertility of Two Years Duration. , 2021, , 76-78.		0
128	Time-Lapse Imaging Should Be a Routine Procedure in Clinical Embryology. , 2021, , 140-141.		0
129	Women with a BMI over 40 Should Be Refused Fertility Treatment. , 2021, , 8-10.		0
130	All Pregnancies Conceived by IVF Should Be Delivered by Caesarean Section. , 2021, , 101-102.		0
131	Genome Editing Should Be Allowed for the Prevention of Life-Threatening Genetic Diseases. , 2021, , 197-199.		0
132	Meta-analysis Should Not Be Considered Class A Evidence. , 2021, , 175-178.		0
133	AMH Is a Better Predictor of Ovarian Response Than AFC. , 2021, , 212-215.		0
134	Blastocyst Culture Should Be a Routine in All IVF Cycles. , 2021, , 153-155.		0
135	Female Age 42 Years Should Be the Upper Limit for Conventional IVF/ICSI Treatment. , 2021, , 2-4.		0
136	Endometriosis Should Be Suppressed for 6â€“12 Weeks before Frozen Embryo Transfer. , 2021, , 106-108.		0
137	Laparoscopic Ovarian Drilling Should Be Performed for CC-Resistant PCOS. , 2021, , 239-241.		0