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Association between the number of eggs and live birth in IVF treatment: an analysis of 400 135 treatment cycles

DOI: 10.1093/humrep/der106 Human Reproduction, 2011, 26, 1768-74.

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672	Grape seed extract inhibits in vitro and in vivo growth of human colorectal carcinoma cells. <b>2006</b> , 12, 6194-202		137
671	Is a premature rise in luteinizing hormone in the absence of increased progesterone levels detrimental to pregnancy outcome in GnRH antagonist in vitro fertilization cycles. <b>2011</b> , 96, 585-9		10
670	Early menopause in mothers of children with Down syndrome?. <b>2011</b> , 96, 985-90		20
669	A systematic review of randomized trials for 'the 'treatment of poor ovarian responders: is 'there 'any light at the end of the tunnel?. <b>2011</b> , 96, 1058-61.e7		152
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663	Reproductive potential of a metaphase II oocyte retrieved after ovarian stimulation: an analysis of 23 354 ICSI cycles. <i>Human Reproduction</i> , <b>2012</b> , 27, 2030-5	5.7	50
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488	A universal freeze all strategy: why it is not warranted. <b>2017</b> , 29, 136-145		9
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484	Minimal or Mild Ovarian Stimulation for IVF: Overview. <b>2017</b> , 195-209  Non-equivalence of anti-Mllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , <b>2017</b> , 32, 1710-17	'15 <sup>7</sup>	1 24
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483	Non-equivalence of anti-Mllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , <b>2017</b> , 32, 1710-17.  Total number of oocytes and zygotes are predictive of live birth pregnancy in fresh donor oocyte	<b>15</b> 7 5-7	24
483 482	Non-equivalence of anti-Mllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , <b>2017</b> , 32, 1710-17  Total number of oocytes and zygotes are predictive of live birth pregnancy in fresh donor oocyte in vitro fertilization cycles. <b>2017</b> , 108, 262-268  The addition of anti-Mllerian hormone in an algorithm for individualized hormone dosage did not improve the prediction of ovarian response-a randomized, controlled trial. <i>Human Reproduction</i> ,		24
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483 482 481 480	Non-equivalence of anti-Mllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , <b>2017</b> , 32, 1710-17. Total number of oocytes and zygotes are predictive of live birth pregnancy in fresh donor oocyte in vitro fertilization cycles. <b>2017</b> , 108, 262-268  The addition of anti-Mllerian hormone in an algorithm for individualized hormone dosage did not improve the prediction of ovarian response-a randomized, controlled trial. <i>Human Reproduction</i> , <b>2017</b> , 32, 811-819  How many embryos should be transferred? A validated score to predict ongoing implantation rate. <b>2017</b> , 212, 30-36  Developments in IVF warrant the adoption of new performance indicators for ART clinics, but do	5.7	<ul><li>24</li><li>21</li><li>24</li><li>3</li></ul>
483 482 481 480 479	Non-equivalence of anti-Mllerian hormone automated assays-clinical implications for use as a companion diagnostic for individualised gonadotrophin dosing. <i>Human Reproduction</i> , <b>2017</b> , 32, 1710-17. Total number of oocytes and zygotes are predictive of live birth pregnancy in fresh donor oocyte in vitro fertilization cycles. <b>2017</b> , 108, 262-268  The addition of anti-Mllerian hormone in an algorithm for individualized hormone dosage did not improve the prediction of ovarian response-a randomized, controlled trial. <i>Human Reproduction</i> , <b>2017</b> , 32, 811-819  How many embryos should be transferred? A validated score to predict ongoing implantation rate. <b>2017</b> , 212, 30-36  Developments in IVF warrant the adoption of new performance indicators for ART clinics, but do not justify the abandonment of patient-centred measures. <i>Human Reproduction</i> , <b>2017</b> , 32, 1155-1159	5.7	<ul><li>24</li><li>21</li><li>24</li><li>3</li><li>20</li></ul>

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	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a	2.4	27
357	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. <b>2019</b> , 17, 18  Ultrasonographically diagnosed dermoid cysts do not influence ovarian stimulation response in an	2.4 5·7	
357 356	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. <b>2019</b> , 17, 18  Ultrasonographically diagnosed dermoid cysts do not influence ovarian stimulation response in an fertilization cycle. <i>Gynecological Endocrinology</i> , <b>2019</b> , 35, 612-617  Advanced Maternal Age in IVF: Still a Challenge? The Present and the Future of Its Treatment.		1
357 356 355	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. 2019, 17, 18  Ultrasonographically diagnosed dermoid cysts do not influence ovarian stimulation response in an fertilization cycle. <i>Gynecological Endocrinology</i> , 2019, 35, 612-617  Advanced Maternal Age in IVF: Still a Challenge? The Present and the Future of Its Treatment. <i>Frontiers in Endocrinology</i> , 2019, 10, 94  Effects of cancer stage and grade on fertility preservation outcome and ovarian stimulation	5.7	47
357 356 355 354	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. 2019, 17, 18  Ultrasonographically diagnosed dermoid cysts do not influence ovarian stimulation response in an fertilization cycle. <i>Gynecological Endocrinology</i> , 2019, 35, 612-617  Advanced Maternal Age in IVF: Still a Challenge? The Present and the Future of Its Treatment. <i>Frontiers in Endocrinology</i> , 2019, 10, 94  Effects of cancer stage and grade on fertility preservation outcome and ovarian stimulation response. <i>Human Reproduction</i> , 2019, 34, 530-538  Human growth hormone for poor responders: a randomized placebo-controlled trial provides no	5·7 5·7	1 47 12
357 356 355 354 353	The role of recombinant LH in women with hypo-response to controlled ovarian stimulation: a systematic review and meta-analysis. 2019, 17, 18  Ultrasonographically diagnosed dermoid cysts do not influence ovarian stimulation response in an fertilization cycle. <i>Gynecological Endocrinology</i> , 2019, 35, 612-617  Advanced Maternal Age in IVF: Still a Challenge? The Present and the Future of Its Treatment. <i>Frontiers in Endocrinology</i> , 2019, 10, 94  Effects of cancer stage and grade on fertility preservation outcome and ovarian stimulation response. <i>Human Reproduction</i> , 2019, 34, 530-538  Human growth hormone for poor responders: a randomized placebo-controlled trial provides no evidence for improved live birth rate. <i>Reproductive BioMedicine Online</i> , 2019, 38, 908-915  Anti-Mllerian Hormone and Its Predictive Utility in Assisted Reproductive Technologies Outcomes.	5·7 5·7	1 47 12 38

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348	The impact of follicle-flushing during oocyte collection on embryo development of in-vitro fertilization. <b>2019</b> , 17, 106		O
347	Larger oocyte cohorts maximize fresh IVF cycle birth rates and availability of surplus high-quality blastocysts for cryopreservation. <i>Reproductive BioMedicine Online</i> , <b>2019</b> , 38, 711-723	4	9
346	Cumulative live birth rate prognosis based on the number of aspirated oocytes in previous ART cycles. <i>Human Reproduction</i> , <b>2019</b> , 34, 171-180	5.7	20
345	How time to healthy singleton delivery could affect decision-making during infertility treatment: a Delphi consensus. <i>Reproductive BioMedicine Online</i> , <b>2019</b> , 38, 118-130	4	12
344	Is more better? A higher oocyte yield is independently associated with more day-3 euploid embryos after ICSI. <i>Human Reproduction</i> , <b>2019</b> , 34, 79-83	5.7	10
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342	The effect of performing hysteroscopy prior to the first in vitro fertilization (IVF) cycle on live birth rate. <i>Gynecological Endocrinology</i> , <b>2019</b> , 35, 443-447	2.4	2
341	Chemotherapy-related damage to ovarian reserve in childhood cancer survivors: interpreting the evidence. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2019</b> , 36, 341-348	3.4	6
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339	Towards complication-free assisted reproduction technology. <b>2019</b> , 33, 9-19		3
338	The role of stimulation protocol, number of oocytes retrieved with respect to follicular fluid oxidative stress and IVF outcome. <b>2020</b> , 23, 23-31		2
337	Contribution of rescue in-vitro maturation versus double ovarian stimulation in ovarian stimulation cycles of poor-prognosis women. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 40, 511-517	4	5
336	Ovarian stimulation for freeze-all IVF cycles: a systematic review. <b>2020</b> , 26, 118-135		27
335	Effect of deprivation on in vitro fertilisation outcome: a cohort study. <b>2020</b> , 127, 458-465		6
334	Individualized ovarian stimulation in IVF/ICSI treatment: it is time to stop using high FSH doses in predicted low responders. <i>Human Reproduction</i> , <b>2020</b> , 35, 1954-1963	5.7	13
333	Influence of stage and grade of breast cancer on fertility preservation outcome in reproductive-aged women. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 40, 215-222	4	3
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329	IVF, from the past to the future: the inheritance of the Capri Workshop Group. <b>2020</b> , 2020, hoaa040		5
328	A comparison of IVF outcomes transferring a single ideal blastocyst in women with polycystic ovary syndrome and normal ovulatory controls. <b>2020</b> , 302, 1479-1486		5
327	Ovarian hyperstimulation syndrome after assisted reproductive technologies: trends, predictors, and pregnancy outcomes. <b>2020</b> , 114, 567-578		6
326	Gonadotropin-releasing hormone agonist combined with hormone replacement therapy does not improve the reproductive outcomes of frozen-thawed embryo transfer cycle in elderly patients: a retrospective study. <b>2020</b> , 18, 73		6
325	The Relationship Between Serum Delta FSH Level and Ovarian Response in IVF/ICSI Cycles. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 536100	5.7	1
324	Comparative Effectiveness of Mild or Conventional GnRH-Antagonist Protocols for Ovarian Stimulation in Poor Responders (Poseidon Group 4). <b>2020</b> , 2,		
323	Sperm source does not affect the ICSI outcome of patients with severely compromised spermatogenesis. <b>2020</b> , 52, e13884		1
322	Influence of human chorionic gonadotrophin during ovarian stimulation: an overview. <b>2020</b> , 18, 80		3
321	A visualized clinical model predicting good quality blastocyst development in the first IVF/ICSI cycle. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 807-817	4	O
320	The role of diet in unexpected poor response to ovarian stimulation: a cross-sectional study. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 874-883	4	2
319	Efficacy and Safety of Controlled Ovarian Stimulation With or Without Letrozole Co-administration for Fertility Preservation: A Systematic Review and Meta-Analysis. <b>2020</b> , 10, 574669		14
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317	Should we still offer elective freezing of all embryos in all IVF cycles?. <i>Human Reproduction</i> , <b>2020</b> , 35, 2179-2184	5.7	2
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312	Are we looking under the lamp although we know the lost key is somewhere else? Or is it just about the egg?. <b>2020</b> , 125, 200-203		O
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309	Stop GnRH-Agonist Combined With Multiple-Dose GnRH-Antagonist Protocol for Patients With "Genuine" Poor Response Undergoing Controlled Ovarian Hyperstimulation for IVF. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 182	5.7	2
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307	Effect of oocyte donor stimulation on recipient outcomes: data from a US national donor oocyte bank. <i>Human Reproduction</i> , <b>2020</b> , 35, 847-858	5.7	8
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305	Novel Physiology and Definition of Poor Ovarian Response; Clinical Recommendations. <b>2020</b> , 21,		11
304	The Ovarian Sensitivity Index (OSI) Significantly Correlates with Ovarian Reserve Biomarkers, Is More Predictive of Clinical Pregnancy than the Total Number of Oocytes, and Is Consistent in Consecutive IVF Cycles. <b>2020</b> , 9,		4
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302	Impact of elective frozen vs. fresh embryo transfer strategies on cumulative live birth: Do deleterious effects still exist in normal & hyper responders?. <b>2020</b> , 15, e0234481		6
301	Human Recombinant FSH and Its Biosimilars: Clinical Efficacy, Safety, and Cost-Effectiveness in Controlled Ovarian Stimulation for In Vitro Fertilization. <b>2020</b> , 13,		6
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299	Validation of ART Calculator for Predicting the Number of Metaphase II Oocytes Required for Obtaining at Least One Euploid Blastocyst for Transfer in Couples Undergoing Fertilization/Intracytoplasmic Sperm Injection. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 917	5.7	16
298	Growth Hormone Supplementation May Not Improve Live Birth Rate in Poor Responders. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 1	5.7	48
297	A mediation analysis for a nonrare dichotomous outcome with sequentially ordered multiple mediators. <b>2020</b> , 39, 1415-1428		1
296	Impact of extent and biochemical parameters of lymphoma on fertility preservation outcome. <b>2020</b> , 113, 400-407.e1		

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294	The Future of Cryopreservation in Assisted Reproductive Technologies. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 67	5.7	25
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291	Evaluation of the effect of the elective blastocyst-stage embryo transfer and freezing strategy on the abandonment of frozen embryos under the Taiwan National Assisted Reproduction Act. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 973-982	3.4	0
<b>2</b> 90	No effect of ovarian stimulation and oocyte yield on euploidy and live birth rates: an analysis of 12 298 trophectoderm biopsies. <i>Human Reproduction</i> , <b>2020</b> , 35, 1082-1089	5.7	20
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287	Is ovarian response associated with adverse perinatal outcomes in GnRH antagonist IVF/ICSI cycles?. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 263-270	4	6
286	Paternal Subclinical Hypothyroidism Affects the Clinical Outcomes of Fertilization/Intracytoplasmic Sperm Injection. <b>2021</b> , 31, 12-22		3
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283	The predicted probability of live birth in In Vitro Fertilization varies during important stages throughout the treatment: analysis of 114,882 first cycles. <b>2021</b> , 50, 101878		3
282	Effect of recombinant LH supplementation on cumulative live birth rate compared with FSH alone in poor ovarian responders: a large, real-world study. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 546-55	54 <sup>4</sup>	2
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<b>2</b> 80	Impact of changing the ovarian hyperstimulation protocol in the sequental cycle on ICSI outcomes in the same patient population. <b>2021</b> , 50, 101999		
279	Female age is associated with the optimal number of oocytes to maximize fresh live birth rates: an analysis of 256,643 fresh ART cycles. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 42, 669-678	4	1
278	Individualized ovarian stimulation for in vitro fertilization: a multicenter, open label, exploratory study with a mixed protocol of follitropin delta and highly purified human menopausal gonadotropin. <b>2021</b> , 115, 991-1000		3

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275	DuoStim cycles potentially boost reproductive outcomes in poor prognosis patients. <i>Gynecological Endocrinology</i> , <b>2021</b> , 37, 519-522	2.4	1
274	Can Ratios Between Prognostic Factors Predict the Clinical Pregnancy Rate in an IVF/ICSI Program with a GnRH Agonist-FSH/hMG Protocol? An Assessment of 2421 Embryo Transfers, and a Review of the Literature. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 495-509	3	
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272	Predicting the outcomes of assisted reproductive technology treatments: a systematic review and quality assessment of prediction models. <b>2021</b> , 2, 1-10		Ο
271	How does pathology influence cumulative pregnancy rate in poor responder patients?. <b>2021</b> , 1, 23		
270	Dietary pattern characterisation among subfertile South Asian women and the impact of vitamin B12 intake on frozen embryo transfer outcomes: a cross-sectional study. <b>2021</b> , 2021, hoaa068		О
269	OOSII IKIININ NGRUMESI KontrolliDvaryan Hiperstimulasyon sikluslarida folikilerden lan oosit sayliilihasimaksimize edebiliriz?.		
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267	Practical Clinical and Diagnostic Pathway for the Investigation of the Infertile Couple. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 591837	5.7	6
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265	The POSEIDON stratification - moving from poor ovarian response to low prognosis. <b>2021</b> , 25, 282-292		2
264	A Novel Stimulation Protocol for Poor-Responder Patients: Combining the Stop GnRH-ag Protocol with Letrozole Priming and Multiple-Dose GnRH-ant: A Proof of Concept. <b>2021</b> , 86, 149-154		2
263			
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-	responders; randomized controlled trial. <b>2021</b> , 60, 51-55  Mitochondrial enrichment in infertile patients: a review of different mitochondrial replacement	1172	

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258	Does quantity equal quality?-A morphokinetic assessment of embryos obtained from young women with decreased ovarian response to controlled ovarian stimulation. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 1115-1122	3.4	O
257	Clinical Applications of Serum Anti-Mllerian Hormone Measurements in Both Males and Females: An Update. <b>2021</b> , 2, 100091		3
256	Clinical Outcomes of Frozen-Thawed Embryos Generated From Growth Hormone Stimulation in Expected Poor Responders. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 608225	5.7	
255	Future fertility of patients with zero oocytes yield in their first IVF cycle attempt. <b>2021</b> , 16, e0246889		O
254	Luteal Support with very Low Daily Dose of Human Chorionic Gonadotropin after Fresh Embryo Transfer as an Alternative to Cycle Segmentation for High Responders Patients Undergoing Gonadotropin-Releasing Hormone Agonist-Triggered IVF. <b>2021</b> , 14,		O
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252	AMH Highly Correlates With Cumulative Live Birth Rate in Women with Diminished Ovarian Reserve Independent of Age. <b>2021</b> , 106, 2754-2766		7
251	Individualized Oocyte Maturation. <b>2021</b> , 30-38		
250	Do we trust scientific evidence? A multicentre retrospective analysis of first IVF/ICSI cycles before and after the OPTIMIST trial. <i>Human Reproduction</i> , <b>2021</b> , 36, 1367-1375	5.7	2
249	Pasado presente y futuro de la estimulacifi ovfica en el tratamiento de la infertilidad. <b>2021</b> , 32, 173-179	1	1
248	Individualized Ovarian Stimulation for Normal and High Responders. <b>2021</b> , 1-13		
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245	Endometrial scratching for poor responders based on the Bologna criteria in ICSI fresh embryo transfer cycles: a preliminary retrospective cohort study. <b>2021</b> , 22, 47-52		
244	Biosimilar recombinant follitropin alfa preparations versus the reference product (Gonal-F[] ) in couples undergoing assisted reproductive technology treatment: a systematic review and meta-analysis. <b>2021</b> , 19, 51		О
243	FSH dose is negatively correlated with number of oocytes retrieved: analysis of a data set with ~650,000 ART cycles that previously identified an inverse relationship between FSH dose and live birth rate. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 1787-1797	3.4	3
242	The effect of polymorphisms in FSHR and FSHB genes on ovarian response: a prospective multicenter multinational study in Europe and Asia. <i>Human Reproduction</i> , <b>2021</b> , 36, 1711-1721	5.7	5

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240	Effect of Dexamethasone Co-Treatment During Ovarian Stimulation in Women of Different Reproductive Age With Elevated Early Follicular Phase Progesterone Level: a Prospective Longitudinal Study. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 3258-3264	3	
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238	The Impact of High-Normal TSH Levels on Reproductive Outcomes in Women Undergoing ART Treatment: a Systematic Review and Meta-analysis. <i>Reproductive Sciences</i> , <b>2021</b> , 1	3	O
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234	Poor response during ovarian stimulation. 271-278		
233	The couple with recurrent implantation failure. <b>2021</b> , 200-206		
232	A decision tree model for predicting live birth in FMR1 premutation carriers undergoing preimplantation genetic testing for monogenic/single gene defects. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 680-686	4	1
231	Editorial: POSEIDON's Stratification of 'Low Prognosis' Patients in ART: The WHY, the WHAT, and the HOW. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 719647	5.7	
231		5.7	8
	the HOW. Frontiers in Endocrinology, <b>2021</b> , 12, 719647  The Maribor consensus: report of an expert meeting on the development of performance	5-7	8
230	The Maribor consensus: report of an expert meeting on the development of performance indicators for clinical practice in ART. <b>2021</b> , 2021, hoab022	5-7	
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230 229 228	The Maribor consensus: report of an expert meeting on the development of performance indicators for clinical practice in ART. 2021, 2021, hoab022  Study design flaws and statistical challenges in evaluating fertility treatments 2021, 2, C9-C21  Predictive value of the number of frozen blastocysts in live birth rates of the transferred fresh embryos. 2021, 14, 83	5.7	0
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223	Gonadotrophin stimulation reduces follicular fluid hormone concentrations and disrupts their quantitative association with cumulus cell mRNA. <i>Reproductive BioMedicine Online</i> , <b>2021</b> ,	4	3
222	Prediction of Ovarian Follicular Dominance by MRI Phenotyping of Hormonally Induced Vascular Remodeling. <b>2021</b> , 8, 711810		
221	Oocyte or embryo number needed to optimize live birth and cumulative live birth rates in mild stimulation IVF cycles. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 223-232	4	3
220	The endocrine milieu in naturally matured follicles is different in women with high serum anti-Mllerian hormone concentrations. <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 329-337	4	3
219	Blastocyst versus cleavage transfers: who benefits?. <b>2021</b> , 1		2
218	A Novel Nomogram for Individualized Gonadotropin Starting Dose in GnRH Antagonist Protocol. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 688654	5.7	Ο
217	Testosterone does not improve ovarian response in Bologna poor responders: a randomized controlled trial (TESTOPRIM). <i>Reproductive BioMedicine Online</i> , <b>2021</b> , 43, 466-474	4	O
216	Random antral follicle count performed on any day of the menstrual cycle has the same predictive value as AMH for good ovarian response in IVF cycles. <b>2021</b> , 51, 102233		
215	Fertilization rate as a novel indicator for cumulative live birth rate: a multicenter retrospective cohort study of 9,394 complete in vitro fertilization cycles. <b>2021</b> , 116, 766-773		3
214	Follicular flushing using double lumen needle yields more oocytes in mono-follicular poor responders. <b>2021</b> , 50, 102150		1
213	Reproduktionsmedizinische Techniken: Indikationen, Durchfürung und Chancen (VZO, IUI, IVF, ICSI). <b>2021</b> , 1-17		
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