

Budi Wiweko

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

673
citations

686830

13
h-index

713013

21
g-index

103
all docs

103
docs citations

103
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-mullerian hormone as a diagnostic and prognostic tool for PCOS patients. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1311-1316.	1.2	62
2	Predictive value of sperm deoxyribonucleic acid (DNA) fragmentation index in male infertility. <i>Basic and Clinical Andrology</i> , 2017, 27, 1.	0.8	61
3	Chronological age vs biological age: an age-related normogram for antral follicle count, FSH and anti-Mullerian hormone. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1563-1567.	1.2	42
4	Current opinion on use of luteinizing hormone supplementation in assisted reproduction therapy: an Asian perspective. <i>Reproductive BioMedicine Online</i> , 2011, 23, 81-90.	1.1	36
5	The correlation between serum AMH and HOMA-IR among PCOS phenotypes. <i>BMC Research Notes</i> , 2018, 11, 114.	0.6	36
6	Reproductive knowledge and patient education needs among Indonesian women infertility patients attending three fertility clinics. <i>Patient Education and Counseling</i> , 2015, 98, 364-369.	1.0	24
7	CYP19A1 gene expression in patients with polycystic ovarian syndrome. <i>Journal of Human Reproductive Sciences</i> , 2020, 13, 100.	0.4	22
8	Distribution of stress level among infertility patients. <i>Middle East Fertility Society Journal</i> , 2017, 22, 145-148.	0.5	21
9	Fertility Preservation for Child and Adolescent Cancer Patients in Asian Countries. <i>Frontiers in Endocrinology</i> , 2019, 10, 655.	1.5	20
10	Understanding mental health and its determinants from the perspective of adolescents: A qualitative study across diverse social settings in Indonesia. <i>Asian Journal of Psychiatry</i> , 2020, 52, 102148.	0.9	19
11	Oocyte Competence Biomarkers Associated With Oocyte Maturation: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 710292.	1.8	19
12	Indonesian infertility patients's health seeking behaviour and patterns of access to biomedical infertility care: an interviewer administered survey conducted in three clinics. <i>Reproductive Health</i> , 2012, 9, 24.	1.2	18
13	The Effect of Metformin and Cinnamon on Serum Anti-Mullerian Hormone in Women Having PCOS: A Double-Blind, Randomized, Controlled Trial. <i>Journal of Human Reproductive Sciences</i> , 2017, 10, 31-36.	0.4	18
14	Developing smart telehealth system in Indonesia: Progress and challenge. , 2015, , .		17
15	Development of Urine Hydration System Based on Urine Color and Support Vector Machine. <i>Procedia Computer Science</i> , 2018, 135, 481-489.	1.2	11
16	Investigation of Each Society for Fertility Preservation in Asia. <i>Frontiers in Endocrinology</i> , 2019, 10, 151.	1.5	10
17	Body fat percentage is a better marker than body mass index for determining inflammation status in polycystic ovary syndrome. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 623-628.	0.5	10
18	Survival of isolated human preantral follicles after vitrification: Analyses of morphology and Fas ligand and caspase-3 mRNA expression. <i>Clinical and Experimental Reproductive Medicine</i> , 2019, 46, 152-165.	0.5	10

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19	Human Blastocyst Classification after In Vitro Fertilization Using Deep Learning. , 2020, , .		10
20	Electroacupuncture Enhances Number of Mature Oocytes and Fertility Rates for In Vitro Fertilization. Medical Acupuncture, 2019, 31, 289-297.	0.3	9
21	Chronic Pelvic Pain in Women with Endometriosis is Associated with Psychiatric Disorder and Quality of Life Deterioration. International Journal of Women's Health, 2022, Volume 14, 131-138.	1.1	9
22	Dysregulation of Kisspeptin and Leptin, as Anorexigenic Agents, Plays Role in the Development of Obesity in Postmenopausal Women. International Journal of Endocrinology, 2019, 2019, 1-8.	0.6	8
23	Body fat percentage is a better marker than body mass index for determining inflammation status in polycystic ovary syndrome. International Journal of Reproductive BioMedicine, 2018, 16, 623-628.	0.5	8
24	Automatic detection of embryo using Particle Swarm Optimization based Hough Transform. , 2013, , .		7
25	Serum AMH level predicts oocytes quality better than follicular fluid AMH level. Asian Pacific Journal of Reproduction, 2016, 5, 361-364.	0.2	7
26	ArcPSO: Ellipse detection method using particle swarm optimization and arc combination. , 2014, , .		6
27	Triglycerides, independent of Ferriman Gallwey Score, is a main determinant of free testosterone index in PCOS. F1000Research, 2019, 8, 94.	0.8	6
28	Jakpros: Reproductive Health Education Application for Pregnant Women. , 2018, , .		5
29	Denoising Noisy ECG Signal Based on Adaptive Fourier Decomposition. , 2018, , .		5
30	Administration of cinnamon and lagersroemia speciosa extract on lipid profile of polycystic ovarian syndrome women with high body mass index. Journal of Human Reproductive Sciences, 2021, 14, 16.	0.4	5
31	Heterotopic pregnancy: Diagnosis and pitfall in ultrasonography. Gynecology and Minimally Invasive Therapy, 2021, 10, 53.	0.2	5
32	Knowledge, attitude, intention, and religion aspect toward fertility preservation among obstetrics and gynecology residents in Indonesia: A cross-sectional study. International Journal of Reproductive BioMedicine, 2019, 18, 47-56.	0.5	5
33	The Frequency of Chromosomal Euploidy Among 3PN Embryos. Journal of Reproduction and Infertility, 2019, 20, 127-131.	1.0	5
34	Suppressing HOXA-10 Gene Expression by MicroRNA 135b During the Window of Implantation in Infertile Women. Journal of Reproduction and Infertility, 2020, 21, 217-221.	1.0	5
35	Extrapelvic endometriosis in abdominal wall scar and PPAR gamma expression: A case report. International Journal of Surgery Case Reports, 2018, 53, 66-69.	0.2	4
36	âœœJakarta Reproduksi Sehatâœœ(JAKPROS) mobile application for healthy Jakarta. AIP Conference Proceedings, 2019, , .	0.3	4

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37	Temporal feature and heuristics-based Noise Detection over Classical Machine Learning for ECG Signal Quality Assessment. , 2019, , .		4
38	Direct assessment of mental health and metabolic syndrome amongst Indonesian adolescents: a study design for a mixed-methods study sampled from school and community settings. Global Health Action, 2020, 13, 1732665.	0.7	4
39	Histopathology and ARID1A Expression in Endometriosis- Associated Ovarian Carcinoma (EAOC) Carcinogenesis Model with Endometrial Autoimplantation and DMBA Induction. Asian Pacific Journal of Cancer Prevention, 2021, 22, 553-558.	0.5	4
40	Early-onset complete spontaneous migration of contraceptive intrauterine device to the bladder in a post C-section patient: A case report. International Journal of Surgery Case Reports, 2021, 82, 105850.	0.2	4
41	Anti-Mullerian hormone levels in female cancer patients of reproductive age in Indonesia: A cross-sectional study. F1000Research, 2019, 8, 159.	0.8	4
42	Anti-Mullerian hormone levels in female cancer patients of reproductive age in Indonesia: A cross-sectional study. F1000Research, 2019, 8, 159.	0.8	4
43	Ellipse detection on embryo image using modification of arc Particle Swarm Optimization (ArcPSO) based arc segment. , 2015, , .		3
44	A Preliminary Communication: Ongoing Study on HOXA10 Methylation Profile of Endometriosis Patients with Infertility. Journal of Endometriosis and Pelvic Pain Disorders, 2016, 8, 106-110.	0.3	3
45	Overview the development of tele health and mobile health application in Indonesia. , 2016, , .		3
46	Fetal head segmentation based on Gaussian elliptical path optimize by flower pollination algorithm and cuckoo search. , 2016, , .		3
47	Indonesian kalkulator of oocytes (IKO): A smart application to determine our biological age. AIP Conference Proceedings, 2018, , .	0.3	3
48	Association between varicocele grade and semen analysis parameter. Medical Journal of Indonesia, 2018, 26, 270-6.	0.2	3
49	Multi-Parameter Measurement Tool of Heart Rate and Blood Pressure to Detect Indonesian Car Drivers Drowsiness. , 2018, , .		3
50	Current awareness and attitude toward fertility preservation in Indonesia: A nationwide survey among health-care providers. Journal of Human Reproductive Sciences, 2021, 14, 81.	0.4	3
51	High bax-bcl-2 Ratio Expression on Granulosa Cells from Endometriosis Patients. Advanced Science Letters, 2017, 23, 6720-6722.	0.2	3
52	Correlation between luteinizing hormone receptor gene expression in human granulosa cells with oocyte quality in poor responder patients undergoingÂin vitro fertilization: A cross-sectional study. F1000Research, 2019, 8, 16.	0.8	3
53	Detecting Ellipses in Embryo Images Using Arc Detection Method with Particle Swarm for Blastomere-Quality Measurement System. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2016, 20, 1170-1180.	0.5	3
54	ELLIPSE DETECTION ON EMBRYO IMAGING USING RANDOM SAMPLE CONSENSUS (RANSAC) METHOD BASED ON ARC SEGMENT. International Journal on Smart Sensing and Intelligent Systems, 2016, 9, 1384-1409.	0.4	3

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55	Correlation of anti-Müllerian hormone levels with metabolic syndrome events in polycystic ovary syndrome: A cross-sectional study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 187-192.	0.5	3
56	Future of Health Services: The Role of Physicians in the Disruptive Era. <i>Journal of Human Reproductive Sciences</i> , 2020, 13, 250.	0.4	3
57	Communication and respect for patient value as significant factors in patient-centered infertility care: A survey of patients' experiences in two infertility centers. <i>Journal of Human Reproductive Sciences</i> , 2020, 13, 22.	0.4	3
58	Anti-Müllerian hormone as a predictor of polycystic ovary syndrome treated with clomiphene citrate. <i>Clinical and Experimental Reproductive Medicine</i> , 2016, 43, 207.	0.5	2
59	Prediction the number of blastomere in time-lapse embryo using Conditional Random Field (CRF) method based on Bag of Visual Words (BoVW). , 2016, , .		2
60	Cito-compatibility analysis of mesenchymal stem cells in platelet rich fibrin matrix (PRFM) for tissue regeneration. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	2
61	The Essence of Telemedicine for Bridging the Gap in Health Services. <i>Kesmas</i> , 2021, 16, .	0.1	2
62	Effect of Female Body Mass Index on Clinical Pregnancy Rate After <i>In Vitro</i> Fertilization. <i>Advanced Science Letters</i> , 2017, 23, 7009-7011.	0.2	2
63	AUTOMATIC FETAL ORGANS DETECTION AND APPROXIMATION IN ULTRASOUND IMAGE. <i>International Journal on Smart Sensing and Intelligent Systems</i> , 2015, 8, 720-748.	0.4	2
64	Sensuality, communication, and self-acceptance as significant factors related to sexual function in infertile women in Jakarta, Indonesia. <i>Enfermería Clínica</i> , 2019, 29, 760-764.	0.1	2
65	Role of three-dimensional Doppler ultrasonography and leukemia inhibitory factor from endometrial secretion in predicting endometrial receptivity in IVF treatment: a pilot study. <i>Archives of Gynecology and Obstetrics</i> , 2022, , 1.	0.8	2
66	Paclitaxel is evidence to reduce growing ovarian follicle growth in mice model study. <i>Toxicology in Vitro</i> , 2022, 83, 105386.	1.1	2
67	Genotype distribution of methylenetetrahydrofolate reductase A1298C and C677T gene in Indonesian infertile men. <i>Medical Journal of Indonesia</i> , 0, , 23.	0.2	1
68	Basal follicle stimulating hormone and leptin on the day of hCG administration predict successful fertilization in <i>in vitro</i> fertilization. <i>Medical Journal of Indonesia</i> , 2016, 25, 39-43.	0.2	1
69	A survey of whole genome alignment tools and frameworks based on Hadoop's MapReduce. , 2016, , .		1
70	An evaluation of multimedia and online support groups (OSG) contents and application of information by infertile patients: Mixed method study. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
71	Cutting Edge of Reproductive Medicine. <i>Fertility & Reproduction</i> , 2019, 01, 78-87.	0.0	1
72	Indonesian kalkulator of oocytes (IKO): A validation study to establish smart application to determine biological age. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1

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73	Knowledge and Attitude in Indonesian Patients and Parents of Patient with Turner Syndrome Towards Fertility Treatment. <i>Advanced Science Letters</i> , 2017, 23, 7027-7029.	0.2	1
74	A high dose of total recombinant FSH suppresses granulosa cell apoptosis and maintains oocyte quality in endometriosis: A cross-sectional study. <i>F1000Research</i> , 0, 8, 93.	0.8	1
75	Building Business Process on Tele-Ultrasonography: An International Collaboration of Medical Technology Development. <i>Advanced Science Letters</i> , 2017, 23, 6861-6865.	0.2	1
76	The Expression of Granulosa Cells BAX mRNA Among Endometriosis and Normal Women. <i>Advanced Science Letters</i> , 2017, 23, 7012-7014.	0.2	1
77	Developing an Indonesian fertility preservation questionnaire for health care providers treating patients with cancer: A preliminary pilot study. <i>F1000Research</i> , 2018, 7, 1890.	0.8	1
78	Developing an Indonesian fertility preservation questionnaire for health care providers treating patients with cancer: A preliminary pilot study. <i>F1000Research</i> , 2018, 7, 1890.	0.8	1
79	Impact of serum human chorionic gonadotropin and luteinizing hormone receptor expression to oocyte maturation rate: A study of controlled ovarian stimulation. <i>Journal of Human Reproductive Sciences</i> , 2020, 13, 46.	0.4	1
80	Ovarian cortex freezing as a method of fertility preservation in endometriosis: A case report. <i>Annals of Medicine and Surgery</i> , 2022, 74, 103222.	0.5	1
81	The correlation of chronological age and micro ribonucleic acid-135b expression in spent culture media of In vitro fertilisation patient. <i>Journal of Human Reproductive Sciences</i> , 2022, 15, 78.	0.4	1
82	Luteal Phase Support in Controlled Ovarian Hyperstimulation. , 2016, , 135-144.		0
83	SMART Application: One stop services bridging the gap between doctor and patients. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
84	SMART APPLICATION : One Stop Services to Bridge The Gap Between Doctor and Patients. <i>Journal Kedokteran Indonesia</i> , 2017, 4, .	0.0	0
85	Effect of Body Mass Index Towards Duration of Controlled Ovarian Hyperstimulation in Patients Undergoing <i>In Vitro</i> Fertilization. <i>Advanced Science Letters</i> , 2017, 23, 6797-6799.	0.2	0
86	Correlation Between Oocyte Number and Dosage of Recombinant Follicle-Stimulating Hormone in Women Underwent <i>In Vitro</i> Fertilization. <i>Advanced Science Letters</i> , 2017, 23, 6875-6877.	0.2	0
87	Analysis of Body Mass Index, Waist Circumference, and Body Fat in Predicting Insulin Resistance of Polycystic Ovary Syndrome. <i>Advanced Science Letters</i> , 2017, 23, 6807-6810.	0.2	0
88	A Novel Study on 521 Indonesian Pilgrims: Fluid Intake Significantly Contributes to Hydration Status. <i>Advanced Science Letters</i> , 2017, 23, 7019-7022.	0.2	0
89	Selected Peer-Reviewed Articles from the 1st Annual International Conference and Exhibition Indonesian Medical Education and Research Institute (ICE on IMERI), Central Jakarta, Indonesia, 14-16 November, 2016. <i>Advanced Science Letters</i> , 2017, 23, 6641-6643.	0.2	0
90	Granulosa Cells Follicle-Stimulating Hormone Receptor (FSH-r) Expression and Its Correlation to the Total Recombinant FSH (rFSH) in Controlled Ovarian Hyperstimulation. <i>Advanced Science Letters</i> , 2017, 23, 7030-7032.	0.2	0

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91	Poor Oocytes Increase the Risk of Aneuploidy Embryos. <i>Advanced Science Letters</i> , 2017, 23, 6866-6870.	0.2	0
92	The Quality of RNA Isolation from Frozen Granulosa Cells. <i>Advanced Science Letters</i> , 2017, 23, 6717-6719.	0.2	0
93	Selected Peer-Reviewed Articles from the 2nd Annual International Conference and Exhibition Indonesian Medical Education and Research Institute (ICE on IMERI), Indonesia, 7 th -9 November, 2017. <i>Advanced Science Letters</i> , 2018, 24, 6038-6041.	0.2	0
94	Expression of p16INK4a in Endometrioid Cancer Rat Model. <i>Advanced Science Letters</i> , 2018, 24, 6584-6586.	0.2	0
95	Selected Peer-Reviewed Articles from the 2nd International Conference on Global Health (ICGH), Indonesia, 14 th -16 August, 2017. <i>Advanced Science Letters</i> , 2018, 24, 6353-6356.	0.2	0
96	Consumer perspectives on reproductive health after using the Jakpros smart mobile health application: A cross-sectional, qualitative study. <i>F1000Research</i> , 0, 8, 396.	0.8	0
97	Anti-Mullerian hormone levels in female cancer patients of reproductive age in Indonesia: A cross-sectional study. <i>F1000Research</i> , 0, 8, 159.	0.8	0
98	Analysis of factors associated with ovarian reserve in a group of poor responders to in vitro fertilization: A cross-sectional study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 1065-1072.	0.5	0
99	In vitro Activation of mouse oocytes through intracellular Ca ²⁺ regulation. <i>Journal of Human Reproductive Sciences</i> , 2020, 13, 138.	0.4	0
100	Potential use of immature oocyte to improve fertility preservation outcome: A narrative review. <i>Journal of Human Reproductive Sciences</i> , 2022, 15, 3.	0.4	0