

Davor Jezek

List of Publications by Year in descending order

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84
papers

1,184
citations

394421

19
h-index

414414

32
g-index

87
all docs

87
docs citations

87
times ranked

1450
citing authors

#	ARTICLE	IF	CITATIONS
1	Successful testicular sperm extraction (TESE) in spite of high serum follicle stimulating hormone and azoospermia: correlation between testicular morphology, TESE results, semen analysis and serum hormone values in 103 infertile men. <i>Human Reproduction</i> , 1998, 13, 1230-1234.	0.9	139
2	Screening for biomarkers of spermatogonia within the human testis: a whole genome approach. <i>Human Reproduction</i> , 2010, 25, 1104-1112.	0.9	95
3	Expression of vimentin, cytokeratin, and desmin in Sertoli cells of human fetal, cryptorchid, and tumour-adjacent testicular tissue. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1996, 427, 497-502.	2.8	70
4	Leydig cells of the human testis possess astrocyte and oligodendrocyte marker molecules. <i>Acta Histochemica</i> , 2002, 104, 39-49.	1.8	57
5	Genomic damage in children accidentally exposed to ionizing radiation: A review of the literature. <i>Mutation Research - Reviews in Mutation Research</i> , 2008, 658, 111-123.	5.5	56
6	The expression of neurotrophins and their receptors in the prenatal and adult human testis: evidence for functions in Leydig cells. <i>Histochemistry and Cell Biology</i> , 2006, 126, 199-211.	1.7	51
7	miRNA in prostate cancer: challenges toward translation. <i>Epigenomics</i> , 2020, 12, 543-558.	2.1	42
8	Nutrition education in medical schools (NEMS). An ESPEN position paper. <i>Clinical Nutrition</i> , 2019, 38, 969-974.	5.0	41
9	Mast cells in testicular biopsies of infertile men with 'mixed atrophy' of seminiferous tubules. <i>Andrologia</i> , 1999, 31, 203-210.	2.1	40
10	A Functional Cytochrome P450 Lanosterol 14 β -Demethylase CYP51 Enzyme in the Acrosome: Transport through the Golgi and Synthesis of Meiosis-Activating Sterols. <i>Endocrinology</i> , 2004, 145, 1419-1426.	2.8	36
11	Epigenetics and testicular germ cell tumors. <i>Gene</i> , 2018, 661, 22-33.	2.2	35
12	Effects of various cryopreservation media and freezing-thawing on the morphology of rat testicular biopsies. <i>Andrologia</i> , 2001, 33, 368-378.	2.1	29
13	Thrombosis following ovarian hyperstimulation syndrome. <i>Gynecological Endocrinology</i> , 2014, 30, 764-768.	1.7	29
14	Catecholamine-synthesizing enzymes in the adult and prenatal human testis. <i>Histochemistry and Cell Biology</i> , 2005, 124, 313-323.	1.7	27
15	Pericentric inversion of chromosome 2 in a patient with the empty follicle syndrome: Case report. <i>Human Reproduction</i> , 2005, 20, 2552-2555.	0.9	27
16	Macrophages and Leydig Cells in Testicular Biopsies of Azoospermic Men. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	27
17	Effects of high doses of testosterone propionate and testosterone enanthate on rat seminiferous tubules "a stereological and cytological study. <i>Archives of Toxicology</i> , 1993, 67, 131-140.	4.2	25
18	Macroprolactinemia: new insights in hyperprolactinemia. <i>Biochemia Medica</i> , 2012, 22, 171-179.	2.7	25

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19	Investigation of Spermatozoa and Seminal Plasma by Fourier Transform Infrared Spectroscopy. <i>Applied Spectroscopy</i> , 2007, 61, 309-313.	2.2	20
20	Initiation of Steroidogenesis Precedes Expression of Cholesterologenic Enzymes in the Fetal Mouse Testes. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2009, 38, 461-466.	0.7	18
21	Visualization of Reinke's crystals in normal and cryptorchid testis. <i>Histochemistry and Cell Biology</i> , 2011, 135, 215-228.	1.7	16
22	Consensus and Diversity in the Management of Varicocele for Male Infertility: Results of a Global Practice Survey and Comparison with Guidelines and Recommendations. <i>World Journal of Men's Health</i> , 2023, 41, 164.	3.3	16
23	Dopamine agonists in prevention of ovarian hyperstimulation syndrome. <i>Gynecological Endocrinology</i> , 2014, 30, 845-849.	1.7	15
24	Glucagon-like peptide-1 receptor is expressed in human and rodent testis. <i>Andrology</i> , 2020, 8, 1935-1945.	3.5	15
25	Epigenetically inactivated RASSF1A as a tumor biomarker. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021, 21, 386-397.	1.0	14
26	Spontaneous ovarian hyperstimulation syndrome. <i>Collegium Antropologicum</i> , 2013, 37, 653-6.	0.2	13
27	Impact of Preanalytical and Analytical Methods on Cell-Free DNA Diagnostics. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686149.	3.7	12
28	Effects of Orchiectomy on the Rat Parotid Gland -An Ultrastructural and Stereological Study. <i>Cells Tissues Organs</i> , 1996, 155, 172-183.	2.3	11
29	Influence of human embryo cultivation in a classic CO ₂ incubator with 20% oxygen versus benchtop incubator with 5% oxygen on live births: the randomized prospective trial. <i>Zygote</i> , 2019, 27, 131-136.	1.1	11
30	Structure of small blood vessels in the testes of infertile men. <i>Journal of Developmental and Physical Disabilities</i> , 1996, 19, 299-306.	3.6	10
31	Leydig Cells in Patients with Non-Obstructive Azoospermia: Do They Really Proliferate?. <i>Life</i> , 2021, 11, 1266.	2.4	9
32	Validity and Utility of Non-Invasive Prenatal Testing for Copy Number Variations and Microdeletions: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2022, 11, 3350.	2.4	9
33	Lamina propria of sex cords in human fetal testis: an immunohistological and stereological study. <i>Anatomy and Embryology</i> , 1996, 193, 181-90.	1.5	8
34	Localisation of lanosterol 14 α -demethylase in round and elongated spermatids of the mouse testis: an immunoelectron microscopic and stereological study. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 442, r167-r168.	2.8	7
35	Validation of a TWIST Score In Diagnosis of Testicular Torsion – Single-Center Experience. <i>Klinische Padiatrie</i> , 2019, 231, 217-219.	0.6	7
36	A Free Radical Scavenger Ameliorates Teratogenic Activity of a DNA Hypomethylating Hematological Therapeutic. <i>Stem Cells and Development</i> , 2019, 28, 717-733.	2.1	7

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37	In Search of TGCT Biomarkers: A Comprehensive In Silico and Histopathological Analysis. <i>Disease Markers</i> , 2020, 2020, 1-18.	1.3	7
38	Influence of hyperthermal regimes on experimental teratoma development in vitro. <i>International Journal of Experimental Pathology</i> , 2018, 99, 131-144.	1.3	6
39	The effect of astaxanthin on testicular torsion-detorsion injury in rats – Detailed morphometric evaluation of histological sections. <i>Journal of Pediatric Urology</i> , 2021, 17, 439.e1-439.e12.	1.1	6
40	Contractions transport exfoliated epithelial cells through the neonatal epididymis. <i>Reproduction</i> , 2020, 160, 109-116.	2.6	6
41	Cytogenetic analysis of azoospermic patients: karyotype comparison of peripheral blood lymphocytes and testicular tissue. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 124, 197-203.	1.1	5
42	Teratoma Growth Retardation by HDACi Treatment of the Tumor Embryonal Source. <i>Cancers</i> , 2020, 12, 3416.	3.7	5
43	Sexual dimorphism of the extraorbital lacrimal glands in SF-1 knockout mice. <i>Acta Histochemica</i> , 2021, 123, 151669.	1.8	5
44	Reinke's crystals in perivascular and peritubular Leydig cells of men with non-obstructive and obstructive azoospermia: a retrospective case-control study. <i>Croatian Medical Journal</i> , 2019, 60, 158-165.	0.7	5
45	The utility of cfDNA in TGCT patient management: a systematic review. <i>Therapeutic Advances in Medical Oncology</i> , 2022, 14, 175883592210903.	3.2	5
46	Early development of the human embryonic testis. <i>Differentiation</i> , 2023, 129, 4-16.	1.9	5
47	Chemically Defined Protein-Free in vitro Culture of Mammalian Embryo Does Not Restrict Its Developmental Potential for Differentiation of Skin Appendages. <i>Cells Tissues Organs</i> , 2001, 169, 134-143.	2.3	4
48	Palliative care education in Zagreb – an assessment of the effectiveness of an undergraduate course. <i>Croatian Medical Journal</i> , 2013, 54, 212-213.	0.7	4
49	Croatian National Centre for Biobanking – a new perspective in biobanks governance?. <i>Croatian Medical Journal</i> , 2014, 55, 416-422.	0.7	4
50	Nutrition education in medical schools (NEMS). An ESPEN position paper. <i>Clinical Nutrition</i> , 2020, 39, 2938-2939.	5.0	4
51	In vivo acridine orange human spermatozoa staining – A new perspective for RNA detection and spermatozoa morphology evaluation. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2021, 50, 102-107.	0.7	4
52	Expression of the proliferating cell nuclear antigen and protein products of tumour suppressor genes in the human foetal testis. <i>Andrologia</i> , 2004, 36, 24-30.	2.1	3
53	The attitudes of international medical students toward educational methods and styles applied in a 6-year longitudinal course in fundamentals of medical skills in Croatia. <i>Croatian Medical Journal</i> , 2018, 59, 267-273.	0.7	3
54	Ovarian tissue bank. <i>Croatian Medical Journal</i> , 2021, 62, 297-299.	0.7	3

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55	Seminal Plasma Protein N-Glycan Peaks Are Potential Predictors of Semen Pathology and Sperm Chromatin Maturity in Men. <i>Life</i> , 2021, 11, 989.	2.4	3
56	Mast Cells in the Mammalian Testis and Epididymis – Animal Models and Detection Methods. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2547.	4.1	3
57	Reinke crystals: Hallmarks of adult Leydig cells in humans. <i>Andrology</i> , 2022, 10, 1107-1120.	3.5	3
58	Reinke's Crystals in Perivascular and Peritubular Leydig Cells. <i>Croatica Chemica Acta</i> , 2011, 84, 159-167.	0.4	2
59	Impact of Preanalytical and Analytical Methods on Cell-Free DNA Diagnostics. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686149.	3.7	2
60	Astaxanthin Relieves Testicular Ischemia-Reperfusion Injury – Immunohistochemical and Biochemical Analyses. <i>Journal of Clinical Medicine</i> , 2022, 11, 1284.	2.4	2
61	CNV Hotspots in Testicular Seminoma Tissue and Seminal Plasma. <i>Cancers</i> , 2022, 14, 189.	3.7	2
62	Transmembranous and enchondral osteogenesis in transplants of rat limb buds cultivated in serum- and protein-free culture medium. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2022, 51, 592-601.	0.7	2
63	Informal and hidden curricula in ethics teaching at Zagreb School of Medicine English program. <i>International Journal of Ethics Education</i> , 2017, 2, 57-66.	0.9	1
64	Conventional TESE technique: A short review and a single-centre experience in 9 years. <i>Rad Hrvatske Akademije Znanosti I Umjetnosti Medicinske Znanosti</i> , 2021, 54-55, 70-74.	0.0	1
65	Stereological properties of seminiferous tubules in infertile men with chromosomal and genetic abnormalities. <i>Minerva Endocrinology</i> , 2021, , .	1.1	1
66	The Role of Ultrasound Elastography in the Diagnosis of Pathologic Conditions of Testicles and Scrotum. <i>Acta Clinica Croatica</i> , 2021, 60, 41-49.	0.2	1
67	338 – Lyell's syndrome – potentially life-threatening mucocutaneous disease. , 2021, , .		1
68	From Ataxia to Diagnosis of Askin Tumor – a Case Report. <i>Acta Medica (Hradec Kralove)</i> , 2018, 61, 60-64.	0.5	1
69	Response to Letter to the Editor re – The effect of astaxanthin on testicular torsion-detorsion injury in rats - Detailed morphometric evaluation of histological sections – . <i>Journal of Pediatric Urology</i> , 2022, 18, 100-101.	1.1	1
70	Scrotal cooling as a protective method in tissue preservation after testicular torsion. <i>Central European Journal of Urology</i> , 2021, 74, 601-602.	0.3	1
71	Extended Prophylactic Effect of N-tert-Butyl-phenylnitron against Oxidative/Nitrosative Damage Caused by the DNA-Hypomethylating Drug 5-Azacytidine in the Rat Placenta. <i>International Journal of Molecular Sciences</i> , 2022, 23, 603.	4.1	1
72	Development of the fetal neural retina in vitro and in ectopic transplants in vivo. <i>Collegium Antropologicum</i> , 2008, 32, 201-7.	0.2	1

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73	Global DNA methylation and chondrogenesis of rat limb buds in a three-dimensional organ culture system. <i>Bosnian Journal of Basic Medical Sciences</i> , 2022, , .	1.0	1
74	Ultrastructural and Immunohistochemical Analysis of Leydig Cells in Patients with Non-Obstructive Azoospermia. <i>Microscopy and Microanalysis</i> , 2003, 9, 436-437.	0.4	0
75	Histologic Procedures and Testicular Biopsy Freezing. , 2013, , 23-35.		0
76	New Approaches to Diagnosing Male Infertility, Part II: The Role of Confocal Microscopy and Three-Dimensional Reconstruction in Visualization of Reinke's Crystals. , 2013, , 261-263.		0
77	Open-Biopsy of the Testis and Testicular Sperm Extraction. , 2013, , 1-5.		0
78	418...Cystic adenomatoid lung malformation cause of recurrent pneumonia. , 2021, , .		0
79	EFFECT OF METABOLIC CAGE HOUSING ON METABOLIC CHANGES IN THE LIVER OF YOUNG MALE LABORATORY RATS. <i>Slovenian Veterinary Research</i> , 2019, 56, .	0.2	0
80	Letter to the editor regarding Long-term protective effects of the combination of intermittent reperfusion and hypothermia on reperfusion injury in an experimental testicular torsion model. <i>Journal of Pediatric Surgery</i> , 2021, , .	1.6	0
81	Editorial: Male Idiopathic Infertility: Novel Possible Targets, Volume I. <i>Frontiers in Endocrinology</i> , 2021, 12, 797228.	3.5	0
82	Letter to the Editor re Effects of hypothermia and pentoxifylline on the adnexal torsion/detorsion injuries in a rat testis model. <i>Andrologia</i> , 2021, , e14314.	2.1	0
83	Do parathyroid glands from individuals of different age and gender contain lymph vessels?. <i>Collegium Antropologicum</i> , 2006, 30, 369-73.	0.2	0
84	Methotrexate-induced toxic effects and the ameliorating effects of astaxanthin on genitourinary tissues in a female rat model. <i>Archives of Gynecology and Obstetrics</i> , 2022, , 1.	1.7	0