

Gabor Huszar

List of Publications by Year in descending order

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44
papers

2,721
citations

218381

26
h-index

315357

38
g-index

47
all docs

47
docs citations

47
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic acid binding by human sperm indicates cellular maturity, viability, and unreacted acrosomal status. <i>Fertility and Sterility</i> , 2003, 79, 1616-1624.	0.5	248
2	Intracytoplasmic sperm injection: a novel selection method for sperm with normal frequency of chromosomal aneuploidies. <i>Fertility and Sterility</i> , 2005, 84, 1665-1673.	0.5	219
3	Fertility testing and ICSI sperm selection by hyaluronic acid binding: clinical and genetic aspects. <i>Reproductive BioMedicine Online</i> , 2007, 14, 650-663.	1.1	205
4	Cellular maturity and apoptosis in human sperm: creatine kinase, caspase-3 and Bcl-XL levels in mature and diminished maturity sperm. <i>Molecular Human Reproduction</i> , 2004, 10, 365-372.	1.3	147
5	Sperm Plasma Membrane Remodeling during Spermiogenetic Maturation in Men: Relationship among Plasma Membrane β 1,4-Galactosyltransferase, Cytoplasmic Creatine Phosphokinase, and Creatine Phosphokinase Isoform Ratios1. <i>Biology of Reproduction</i> , 1997, 56, 1020-1024.	1.2	139
6	Putative Creatine Kinase M-Isoform in Human Sperm Is Identified as the 70-Kilodalton Heat Shock Protein HspA21. <i>Biology of Reproduction</i> , 2000, 63, 925-932.	1.2	137
7	Incomplete development of human spermatozoa is associated with increased creatine phosphokinase concentration and abnormal head morphology. <i>Molecular Reproduction and Development</i> , 1993, 34, 292-298.	1.0	131
8	Sperm selection for ICSI: shape properties do not predict the absence or presence of numerical chromosomal aberrations. <i>Human Reproduction</i> , 2004, 19, 2052-2059.	0.4	119
9	Sperm creatine phosphokinase M-isoform ratios and fertilizing potential of men: a blinded study of 84 couples treated with in vitro fertilization. <i>Fertility and Sterility</i> , 1992, 57, 882-888.	0.5	111
10	Spermatozoa Bound to Solid State Hyaluronic Acid Show Chromatin Structure With High DNA Chain Integrity: An Acridine Orange Fluorescence Study. <i>Journal of Andrology</i> , 2010, 31, 566-572.	2.0	109
11	Hyaluronic acid binding ability of human sperm reflects cellular maturity and fertilizing potential: selection of sperm for intracytoplasmic sperm injection. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 260-267.	0.9	105
12	Sperm maturity and treatment choice of in vitro fertilization (IVF) or intracytoplasmic sperm injection: diminished sperm HspA2 chaperone levels predict IVF failure. <i>Fertility and Sterility</i> , 2002, 77, 910-918.	0.5	88
13	Creatine kinase immunocytochemistry of human sperm-hemizona complexes: selective binding of sperm with mature creatine kinase-staining pattern. <i>Fertility and Sterility</i> , 1994, 61, 136-142.	0.5	83
14	Correlation between sperm creatine phosphokinase activity and sperm concentrations in normospermic and oligospermic men. <i>Gamete Research</i> , 1988, 19, 67-75.	1.7	82
15	Sperm Creatine Phosphokinase Activity as a Measure of Sperm Quality in Normospermic, Variable spermic, and Oligospermic Men1. <i>Biology of Reproduction</i> , 1988, 38, 1061-1066.	1.2	80
16	Hyaluronic acid (Sperm Select) improves retention of sperm motility and velocity in normospermic and Oligospermic specimens. <i>Fertility and Sterility</i> , 1990, 54, 1127-1134.	0.5	79
17	Spermatogenesis-related change in the synthesis of the creatine kinase B-type and M-type isoforms in human spermatozoa. <i>Molecular Reproduction and Development</i> , 1990, 25, 258-262.	1.0	69
18	Morphometric assessment of mature and diminished-maturity human spermatozoa: sperm regions that reflect differences in maturity*. <i>Human Reproduction</i> , 1999, 14, 2007-2014.	0.4	68

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19	Selectivity of hyaluronic acid binding for spermatozoa with normal Tygerberg strict morphology. <i>Reproductive BioMedicine Online</i> , 2009, 18, 177-183.	1.1	59
20	Double probing of human spermatozoa for persistent histones, surplus cytoplasm, apoptosis and DNA fragmentation. <i>Reproductive BioMedicine Online</i> , 2008, 16, 570-579.	1.1	48
21	Improved techniques for collecting motile spermatozoa from human semen.. <i>Journal of Developmental and Physical Disabilities</i> , 1984, 7, 61-70.	3.6	45
22	Human Sperm Maintain Their Shape Following Decondensation and Denaturation for Fluorescent In Situ Hybridization: Shape Analysis and Objective Morphometry. <i>Biology of Reproduction</i> , 2003, 69, 1347-1355.	1.2	44
23	The Pattern of Tyrosine Phosphorylation in Human Sperm in Response to Binding to Zona Pellucida or Hyaluronic Acid. <i>Reproductive Sciences</i> , 2014, 21, 573-581.	1.1	43
24	Double probing individual human spermatozoa: aniline blue staining for persistent histones and fluorescence in situ hybridization for aneuploidies. <i>Fertility and Sterility</i> , 2010, 93, 2255-2261.	0.5	35
25	Efficacy of the swim-up method in eliminating sperm with diminished maturity and aneuploidy. <i>Human Reproduction</i> , 2003, 18, 1481-1488.	0.4	32
26	Biochemical markers of early and late spermatogenesis: Relationship between the lactate dehydrogenase-X and creatine kinase-M isoform concentrations in human spermatozoa. <i>Molecular Reproduction and Development</i> , 1996, 43, 495-502.	1.0	27
27	Optimal utilization of cryopreserved human semen for assisted reproduction: recovery and maintenance of sperm motility and viability. <i>Journal of Assisted Reproduction and Genetics</i> , 1998, 15, 504-512.	1.2	26
28	Semen Characteristics After Overnight Shipping: Preservation of Sperm Concentrations, HspA2 Ratios, CK Activity, Cytoplasmic Retention, Chromatin Maturity, DNA Integrity, and Sperm Shape. <i>Journal of Andrology</i> , 2004, 25, 593-604.	2.0	22
29	Dimensional assessment of X-bearing and Y-bearing haploid and disomic human sperm with the use of fluorescence in situ hybridization and objective morphometry. <i>Fertility and Sterility</i> , 2006, 85, 121-127.	0.5	22
30	Urinary 3-methylhistidine excretion in man: the role of protein-bound and soluble 3-methylhistidine. <i>British Journal of Nutrition</i> , 1983, 49, 287-294.	1.2	21
31	Improved techniques for separating motile spermatozoa from human semen.. <i>Journal of Developmental and Physical Disabilities</i> , 1984, 7, 71-78.	3.6	20
32	Methodology of Aniline Blue Staining of Chromatin and the Assessment of the Associated Nuclear and Cytoplasmic Attributes in Human Sperm. <i>Methods in Molecular Biology</i> , 2013, 927, 425-436.	0.4	16
33	Sperm creatine kinase activity in normospermic and oligospermic Hungarian men. <i>Journal of Assisted Reproduction and Genetics</i> , 1999, 16, 35-40.	1.2	10
34	Next day determination of ejaculatory sperm motility after overnight shipment of semen to remote locations. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 117-125.	1.2	7
35	A new media without animal component for sperm cryopreservation: motility and various attributes affecting paternal contribution of sperm. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 647-657.	1.2	6
36	Activities of Sperm Creatine Kinase and Dynein ATPase in Oligospermic Men. <i>Annals of the New York Academy of Sciences</i> , 1987, 513, 602-605.	1.8	5

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37	The role of sperm creatine kinase in the assessment of male fertility. <i>Reproductive Medicine Review</i> , 1994, 3, 179-197.	0.3	5
38	Sperm Testing and ICSI Selection by Hyaluronic Acid Binding: The Hyaluronic Acid-Coated Glass Slide and Petri Dish in the Andrology and IVF Laboratories. , 2012, , 241-257.		4
39	Role of Sperm-Hyaluronic Acid Binding in the Evaluation and Treatment of Subfertile Men with ROS-Affected Semen. , 2020, , 695-706.		2
40	Structure of Chromatin in Human Sperm Bound to Hyaluronic Acid: The Benefits of PICSI Dish Mediated Sperm Selection. , 2011, , 411-422.		0
41	Role of Sperm-Hyaluronic Acid Binding in the Evaluation and Treatment of Subfertile Men with ROS-Affected Semen: Assessment of Sperm with Oxidative Damage and HA-Mediated ICSI Sperm Selection. , 2012, , 459-469.		0
42	Novel Approaches of Sperm Selection for ART: The Role of Objective Biochemical Markers of Nuclear and Cytoplasmic Integrity and Sperm Function. , 2011, , 211-225.		0
43	Pumilio 1 control of spermatogenesis: a roadmap for future research. <i>Asian Journal of Andrology</i> , 2012, 14, 669-669.	0.8	0
44	Objective Biomarkers of Sperm Development and Fertility: Assessment of Sperm-Zona Pellucida Binding Ability and Hyaluronic Acid-Mediated Selection of Sperm for ICSI Fertilization. , 2013, , 75-94.		0