

# Marco G Alves

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

196 papers	4,390 citations	36 h-index	56 g-index
214 ext. papers	5,396 ext. citations	4.8 avg, IF	5.83 L-index

#	Paper	IF	Citations
196	Mitochondrial Pathophysiology on Chronic Kidney Disease.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	5
195	Hyperoside Supplementation in Preservation Media Surpasses Vitamin C Protection Against Oxidative Stress-Induced Damages in Human Spermatozoa.. <i>Cellular Physiology and Biochemistry</i> , <b>2022</b> , 56, 1-23	3.9	1
194	The Impact of Metabolic Syndrome and Type 2 Diabetes on Prostate Cancer.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 843458	5.7	1
193	Pregnancy Achievement by Medical Assisted Reproduction Is Correlated to the G Protein-Coupled Receptor 30 mRNA Abundance in Human Spermatozoa. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3240	2.6	
192	Exenatide and Dapagliflozin Combination Enhances Sertoli Cell Secretion of Key Metabolites for Spermatogenesis. <i>Biomedicines</i> , <b>2022</b> , 10, 1115	4.8	0
191	Inherited Metabolic Memory of High-fat Diet Impairs Testicular Fatty Acid Content and Sperm Parameters.. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , e2100680	5.9	0
190	Mutant p53 reactivator SLMP53-2 hinders ultraviolet B radiation-induced skin carcinogenesis. <i>Pharmacological Research</i> , <b>2021</b> , 106026	10.2	0
189	Bioinformatic Approach to Unveil Key Differentially Expressed Proteins in Human Sperm After Slow and Rapid Cryopreservation.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 759354	5.7	1
188	High-Fat Diet Promotes a Pro-Inflammatory Environment in Testis and Inhibits Antioxidant Defenses in the Progeny. <i>Medical Sciences Forum</i> , <b>2021</b> , 2, 20		
187	Pesticides and Male Fertility: A Dangerous Crosstalk.. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	4
186	Molecular mechanisms regulating spermatogenesis in vertebrates: Environmental, metabolic, and epigenetic factor effects. <i>Animal Reproduction Science</i> , <b>2021</b> , 106896	2.1	2
185	Mitochondrial Uncoupling Proteins (UCPs) as Key Modulators of ROS Homeostasis: A Crosstalk between Diabetes and Male Infertility?. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
184	Obesity-related genes are expressed in human Sertoli cells and modulated by energy homeostasis regulating hormones. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 5265-5277	7	1
183	Effect of Leptin in Human Sertoli Cells Mitochondrial Physiology. <i>Reproductive Sciences</i> , <b>2021</b> , 28, 920-934		1
182	Aquaporins and (in)fertility: More than just water transport. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2021</b> , 1867, 166039	6.9	6
181	Targeting p53 for Melanoma Treatment: Counteracting Tumour Proliferation, Dissemination and Therapeutic Resistance. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
180	Inheritable testicular metabolic memory of high-fat diet causes transgenerational sperm defects in mice. <i>Scientific Reports</i> , <b>2021</b> , 11, 9444	4.9	8

179	Expression of obesity-related genes in human spermatozoa affects the outcomes of reproductive treatments.. <i>F&amp;S Science</i> , <b>2021</b> , 2, 164-175	0.4	1
178	Visceral Adipose Tissue Displays Unique Metabolomic Fingerprints in Obesity, Pre-Diabetes and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
177	Plasmatic Oxidative and Metabonomic Profile of Patients with Different Degrees of Biliary Acute Pancreatitis Severity. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
176	Sperm selection strategies and their impact on assisted reproductive technology outcomes. <i>Andrologia</i> , <b>2021</b> , 53, e13725	2.4	8
175	Relevance of Leukocytospermia and Semen Culture and Its True Place in Diagnosing and Treating Male Infertility. <i>World Journal of Men's Health</i> , <b>2021</b> ,	6.8	3
174	A Comprehensive Guide to Sperm Recovery in Infertile Men with Retrograde Ejaculation. <i>World Journal of Men's Health</i> , <b>2021</b> ,	6.8	3
173	Intermittent Hypoxic Conditioning Rescues Cognition and Mitochondrial Bioenergetic Profile in the Triple Transgenic Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	8
172	An online educational model in andrology for student training in the art of scientific writing in the COVID-19 pandemic. <i>Andrologia</i> , <b>2021</b> , 53, e13961	2.4	3
171	Sperm, metabolic memory and echoes from Lamarck. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13492	4.6	1
170	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. <i>World Journal of Men's Health</i> , <b>2021</b> ,	6.8	3
169	Is Technical-Grade Chlordane an Obesogen?. <i>Current Medicinal Chemistry</i> , <b>2021</b> , 28, 548-568	4.3	1
168	Lung branching morphogenesis is accompanied by temporal metabolic changes towards a glycolytic preference. <i>Cell and Bioscience</i> , <b>2021</b> , 11, 134	9.8	1
167	Impact of Environmental and Lifestyle Use of Chromium on Male Fertility: Focus on Antioxidant Activity and Oxidative Stress. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	12
166	Antioxidants Present in Reproductive Tract Fluids and Their Relevance for Fertility. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
165	Somatic-Immune Cells Crosstalk In-The-Making of Testicular Immune Privilege. <i>Reproductive Sciences</i> , <b>2021</b> , 1	3	1
164	Insulin treatment to type 1 male diabetic rats protects fertility by avoiding testicular apoptosis and cell cycle arrest. <i>Gene</i> , <b>2021</b> , 799, 145847	3.8	2
163	A Global Survey of Reproductive Specialists to Determine the Clinical Utility of Oxidative Stress Testing and Antioxidant Use in Male Infertility. <i>World Journal of Men's Health</i> , <b>2021</b> , 39, 470-488	6.8	11
162	Insights and clinical potential of proteomics in understanding spermatogenesis. <i>Expert Review of Proteomics</i> , <b>2021</b> , 18, 13-25	4.2	1

161	Utility of Antioxidants in the Treatment of Male Infertility: Clinical Guidelines Based on a Systematic Review and Analysis of Evidence. <i>World Journal of Men's Health</i> , <b>2021</b> , 39, 233-290	6.8	23
160	Metabolic diseases affect male reproduction and induce signatures in gametes that may compromise the offspring health. <i>Environmental Epigenetics</i> , <b>2020</b> , 6, dvaa019	2.4	7
159	Endogenous and Exogenous Antioxidants As a Tool to Ameliorate Male Infertility Induced by Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , <b>2020</b> ,	8.4	9
158	Different Malabsorptive Obesity Surgery Interventions Result in Distinct Postprandial Amino Acid Metabolomic Signatures. <i>Obesity Surgery</i> , <b>2020</b> , 30, 4019-4028	3.7	4
157	CFTR regulation of aquaporin-mediated water transport. <i>Vitamins and Hormones</i> , <b>2020</b> , 112, 163-177	2.5	2
156	H-Ferritin is essential for macrophagesScapacity to store or detoxify exogenously added iron. <i>Scientific Reports</i> , <b>2020</b> , 10, 3061	4.9	15
155	Late-onset hypogonadism and lifestyle-related metabolic disorders. <i>Andrology</i> , <b>2020</b> , 8, 1530-1538	4.2	11
154	Sperm DNA Fragmentation: A New Guideline for Clinicians. <i>World Journal of Men's Health</i> , <b>2020</b> , 38, 412-417	4.1	36
153	Adipocyte Specific Signaling <b>2020</b> , 409-436		2
152	Technical-grade chlordane compromises rat Sertoli cells proliferation, viability and metabolic activity. <i>Toxicology in Vitro</i> , <b>2020</b> , 63, 104673	3.6	3
151	Aquaporins and male (in)fertility: Expression and role throughout the male reproductive tract. <i>Archives of Biochemistry and Biophysics</i> , <b>2020</b> , 679, 108222	4.1	13
150	Gastric Bypass with Different Biliopancreatic Limb Lengths Results in Similar Post-absorptive Metabolomics Profiles. <i>Obesity Surgery</i> , <b>2020</b> , 30, 1068-1078	3.7	4
149	Caloric restriction alters the hormonal profile and testicular metabolome, resulting in alterations of sperm head morphology. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E33-E43	6	6
148	Diet during early life defines testicular lipid content and sperm quality in adulthood. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 319, E1061-E1073	6	13
147	Distinct Proteomic Profile of Spermatozoa from Men with Seminomatous and Non-Seminomatous Testicular Germ Cell Tumors. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
146	Alterations in seminal plasma proteomic profile in men with primary and secondary infertility. <i>Scientific Reports</i> , <b>2020</b> , 10, 7539	4.9	9
145	Extracellular Vesicles, the Road toward the Improvement of ART Outcomes. <i>Animals</i> , <b>2020</b> , 10,	3.1	5
144	Lifestyle, metabolic disorders and male hypogonadism - A one-way ticket?. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 516, 110945	4.4	6

143	Mitochondrial Activation and Reactive Oxygen-Species Overproduction during Sperm Capacitation are Independent of Glucose Stimuli. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	10
142	A new thiocynoacetamide (2-cyano-2-p-nitrophenyl-N-benzylthioamide) reduces doxorubicin-induced in vitro toxicity in Sertoli cells by decreasing apoptosis and autophagy. <i>Theriogenology</i> , <b>2019</b> , 140, 188-200	2.8	2
141	L-Theanine promotes cultured human Sertoli cells proliferation and modulates glucose metabolism. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 2961-2970	5.2	10
140	pH and male fertility: making sense on pH homeodynamics throughout the male reproductive tract. <i>Cellular and Molecular Life Sciences</i> , <b>2019</b> , 76, 3783-3800	10.3	17
139	Data on metabolic profile of insulin-degrading enzyme knockout mice. <i>Data in Brief</i> , <b>2019</b> , 25, 104023	1.2	2
138	Molecular aspects of collagenolysis associated with stress urinary incontinence in women with urethral hypermobility vs intrinsic sphincter deficiency. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 1533-1539	2.3	3
137	Knockout of MCT1 results in total absence of spermatozoa, sex hormones dysregulation, and morphological alterations in the testicular tissue. <i>Cell and Tissue Research</i> , <b>2019</b> , 378, 333-339	4.2	2
136	Molecular Mechanisms Controlled by mTOR in Male Reproductive System. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	19
135	Obesity and male hypogonadism: Tales of a vicious cycle. <i>Obesity Reviews</i> , <b>2019</b> , 20, 1148-1158	10.6	24
134	Warburg Effect Inversion: Adiposity shifts central primary metabolism in MCF-7 breast cancer cells. <i>Life Sciences</i> , <b>2019</b> , 223, 38-46	6.8	10
133	Antioxidants and Male Fertility: from Molecular Studies to Clinical Evidence. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	62
132	Carbonic anhydrases are involved in mitochondrial biogenesis and control the production of lactate by human Sertoli cells. <i>FEBS Journal</i> , <b>2019</b> , 286, 1393-1406	5.7	13
131	IGF2 role in adrenocortical carcinoma biology. <i>Endocrine</i> , <b>2019</b> , 66, 326-337	4	10
130	Assessment of Sertoli Cell Proliferation by 3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide and Sulforhodamine B Assays. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , <b>2019</b> , 81, e85	1	2
129	A switch from high-fat to normal diet does not restore sperm quality but prevents metabolic syndrome. <i>Reproduction</i> , <b>2019</b> , 158, 377-387	3.8	24
128	Glycolysis Inhibition as a Strategy for Hepatocellular Carcinoma Treatment?. <i>Current Cancer Drug Targets</i> , <b>2019</b> , 19, 26-40	2.8	21
127	The Action of Polyphenols in Diabetes Mellitus and Alzheimer's Disease: A Common Agent for Overlapping Pathologies. <i>Current Neuropharmacology</i> , <b>2019</b> , 17, 590-613	7.6	19
126	Knockout of insulin-degrading enzyme leads to mice testicular morphological changes and impaired sperm quality. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 486, 11-17	4.4	7

125	Role of Reactive Oxygen Species in Diabetes-Induced Male Reproductive Dysfunction <b>2019</b> , 135-147		5
124	Metabolic dynamics of human Sertoli cells are differentially modulated by physiological and pharmacological concentrations of GLP-1. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 362, 1-8	4.6	12
123	White Tea <b>2019</b> , 437-445		3
122	MAPK/ERK pathway inhibition is a promising treatment target for adrenocortical tumors. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 894-906	4.7	16
121	Testicular Aging: An Overview of Ultrastructural, Cellular, and Molecular Alterations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 860-871	6.4	18
120	Pharmacological potential of methylxanthines: Retrospective analysis and future expectations. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2019</b> , 59, 2597-2625	11.5	26
119	Molecular Mechanisms and Signaling Pathways Involved in the Nutritional Support of Spermatogenesis by Sertoli Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1748, 129-155	1.4	29
118	Assessing Sertoli Cell Metabolic Activity. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1748, 157-171	1.4	1
117	Establishment of Primary Culture of Sertoli Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1748, 1-8	1.4	15
116	A Stopped-Flow Light Scattering Methodology for Assessing the Osmotic Water Permeability of Whole Sertoli Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1748, 279-286	1.4	2
115	Evaluation of the Purity of Sertoli Cell Primary Cultures. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1748, 9-15	1.4	14
114	Anti-obesity potential of natural methylxanthines. <i>Journal of Functional Foods</i> , <b>2018</b> , 43, 84-94	5.1	28
113	Diabetes-induced hyperglycemia impairs male reproductive function: a systematic review. <i>Human Reproduction Update</i> , <b>2018</b> , 24, 86-105	15.8	108
112	The effects of the obesogen tributyltin on the metabolism of Sertoli cells cultured ex vivo. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 601-610	5.8	10
111	Energetics of the Male Reproduction <b>2018</b> , 451-457		1
110	Nutritional Factors and Male Reproduction <b>2018</b> , 458-464		3
109	Pineal Gland and Melatonin Biosynthesis <b>2018</b> , 465-471		
108	Pineal Gland and Regulatory Function <b>2018</b> , 472-477		

107	Senescence and declining reproductive potential: Insight into molecular mechanisms through testicular metabolomics. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 3388-3396	6.9	26
106	Improving anticancer activity towards colon cancer cells with a new p53-activating agent. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 3947-3962	8.6	15
105	8-(3-phenylpropyl)-1,3,7-triethylxanthine is a synthetic caffeine substitute with stronger metabolic modulator activity. <i>Toxicology in Vitro</i> , <b>2018</b> , 53, 114-120	3.6	2
104	Insights into leptin signaling and male reproductive health: the missing link between overweight and subfertility?. <i>Biochemical Journal</i> , <b>2018</b> , 475, 3535-3560	3.8	9
103	Estrogen Modulates Glycerol Permeability in Sertoli Cells through Downregulation of Aquaporin-9. <i>Cells</i> , <b>2018</b> , 7,	7.9	16
102	Expanded equine cumulus-oocyte complexes exhibit higher meiotic competence and lower glucose consumption than compact cumulus-oocyte complexes. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 297-306	1.8	10
101	Mammalian target of rapamycin (mTOR): a central regulator of male fertility?. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2017</b> , 52, 235-253	8.7	24
100	Body mass index is associated with region-dependent metabolic reprogramming of adipose tissue. <i>BBA Clinical</i> , <b>2017</b> , 8, 1-6		7
99	Obesity, energy balance and spermatogenesis. <i>Reproduction</i> , <b>2017</b> , 153, R173-R185	3.8	56
98	Implications of epigallocatechin-3-gallate in cultured human Sertoli cells glycolytic and oxidative profile. <i>Toxicology in Vitro</i> , <b>2017</b> , 41, 214-222	3.6	12
97	Emerging Role for Mammalian Target of Rapamycin in Male Fertility. <i>Trends in Endocrinology and Metabolism</i> , <b>2017</b> , 28, 165-167	8.8	27
96	Glycerol and testicular activity: the good, the bad and the ugly. <i>Molecular Human Reproduction</i> , <b>2017</b> , 23, 725-737	4.4	9
95	Lung branching morphogenesis, in the chicken model, is accompanied by temporal metabolic changes:. <i>Porto Biomedical Journal</i> , <b>2017</b> , 2, 222-223	1.1	
94	Obesogens and male fertility. <i>Obesity Reviews</i> , <b>2017</b> , 18, 109-125	10.6	20
93	Promising Potential of Dietary (Poly)Phenolic Compounds in the Prevention and Treatment of Diabetes Mellitus. <i>Current Medicinal Chemistry</i> , <b>2017</b> , 24, 334-354	4.3	35
92	Fertility and Sperm Quality in the Aging Male. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4429-4437	3.3	36
91	Sperm Maturation as a Possible Target of Obesogens. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , <b>2017</b> , 17,		2
90	White tea intake prevents prediabetes-induced metabolic dysfunctions in testis and epididymis preserving sperm quality. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 37, 83-93	6.3	28



89	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , <b>2016</b> , 83, 208-16	2.6	9
88	Androgens enhance the glycolytic metabolism and lactate export in prostate cancer cells by modulating the expression of GLUT1, GLUT3, PFK, LDH and MCT4 genes. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2016</b> , 142, 5-16	4.9	38
87	The single and synergistic effects of the major tea components caffeine, epigallocatechin-3-gallate and L-theanine on rat sperm viability. <i>Food and Function</i> , <b>2016</b> , 7, 1301-5	6.1	16
86	Mammalian target of rapamycin controls glucose consumption and redox balance in human Sertoli cells. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 825-833.e3	4.8	22
85	Are Polyphenols Strong Dietary Agents Against Neurotoxicity and Neurodegeneration?. <i>Neurotoxicity Research</i> , <b>2016</b> , 30, 345-66	4.3	41
84	New insights on hormones and factors that modulate Sertoli cell metabolism. <i>Histology and Histopathology</i> , <b>2016</b> , 31, 499-513	1.4	24
83	Sirtuins: Novel Players in Male Reproductive Health. <i>Current Medicinal Chemistry</i> , <b>2016</b> , 23, 1084-99	4.3	16
82	Male fertility and obesity: are ghrelin, leptin and glucagon-like peptide-1 pharmacologically relevant?. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 783-91	3.3	34
81	Emerging Potential of Natural Products as an Alternative Strategy to Pharmacological Agents Used Against Metabolic Disorders. <i>Current Drug Metabolism</i> , <b>2016</b> , 17, 582-97	3.5	9
80	Structure-Bioactivity Relationships of Methylxanthines: Trying to Make Sense of All the Promises and the Drawbacks. <i>Molecules</i> , <b>2016</b> , 21,	4.8	80
79	Hepatocyte and Sertoli Cell Aquaporins, Recent Advances and Research Trends. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	21
78	Estradiol modulates Na(+) -dependent HCO <sub>3</sub> <sup>-</sup> transporters altering intracellular pH and ion transport in human Sertoli cells: A role on male fertility?. <i>Biology of the Cell</i> , <b>2016</b> , 108, 179-88	3.5	20
77	Expression of Estrogen Receptors Alpha (ER- $\alpha$ ) Beta (ER- $\beta$ ) and G Protein-Coupled Receptor 30 (GPR30) in Testicular Tissue of Men with Klinefelter Syndrome. <i>Hormone and Metabolic Research</i> , <b>2016</b> , 48, 413-5	3.1	10
76	Ghrelin acts as energy status sensor of male reproduction by modulating Sertoli cells glycolytic metabolism and mitochondrial bioenergetics. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 434, 199-209	4.4	28
75	Pioglitazone increases the glycolytic efficiency of human Sertoli cells with possible implications for spermatogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 79, 52-60	5.6	22
74	Daily consumption of white tea ( <i>Camellia sinensis</i> (L.)) improves the cerebral cortex metabolic and oxidative profile in prediabetic Wistar rats. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 832-42	3.6	27
73	White tea consumption restores sperm quality in prediabetic rats preventing testicular oxidative damage. <i>Reproductive BioMedicine Online</i> , <b>2015</b> , 31, 544-56	4	53
72	Testosterone deficiency induced by progressive stages of diabetes mellitus impairs glucose metabolism and favors glycogenesis in mature rat Sertoli cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 66, 1-10	5.6	40



71	Dehydroepiandrosterone and 7-oxo-dehydroepiandrosterone in male reproductive health: Implications of differential regulation of human Sertoli cells metabolic profile. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 154, 1-11	5.1	9
70	Estrogenic regulation of bicarbonate transporters from SLC4 family in rat Sertoli cells. <i>Molecular and Cellular Biochemistry</i> , <b>2015</b> , 408, 47-54	4.2	11
69	Leptin modulates human Sertoli cells acetate production and glycolytic profile: a novel mechanism of obesity-induced male infertility?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 1824-32	6.9	51
68	The progression from a lower to a higher invasive stage of bladder cancer is associated with severe alterations in glucose and pyruvate metabolism. <i>Experimental Cell Research</i> , <b>2015</b> , 335, 91-8	4.2	51
67	Sertoli Cell Metabolism and Spermatogenesis <b>2015</b> ,		8
66	Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: relevance for male fertility. <i>Toxicology</i> , <b>2015</b> , 328, 12-20	4.4	51
65	The Warburg effect revisited--lesson from the Sertoli cell. <i>Medicinal Research Reviews</i> , <b>2015</b> , 35, 126-51	14.4	96
64	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3606-20	3.3	38
63	Testicular Metabolic Reprogramming in Neonatal Streptozotocin-Induced Type 2 Diabetic Rats Impairs Glycolytic Flux and Promotes Glycogen Synthesis. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 973142	3.9	34
62	Metabolic fingerprints in testicular biopsies from type 1 diabetic patients. <i>Cell and Tissue Research</i> , <b>2015</b> , 362, 431-40	4.2	16
61	Sertoli cell as a model in male reproductive toxicology: Advantages and disadvantages. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 870-83	4.1	50
60	White tea consumption improves cardiac glycolytic and oxidative profile of prediabetic rats. <i>Journal of Functional Foods</i> , <b>2015</b> , 14, 102-110	5.1	27
59	Tea ( <i>Camellia sinensis</i> (L.)): a putative anticancer agent in bladder carcinoma?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 26-36	2.2	16
58	Novel Drug Therapies for Fertility Preservation in Men Undergoing Chemotherapy: Clinical Relevance of Protector Agents. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 3347-69	4.3	8
57	Impact of Metformin on Male Reproduction. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3621-33	3.3	16
56	Melatonin and male reproductive health: relevance of darkness and antioxidant properties. <i>Current Molecular Medicine</i> , <b>2015</b> , 15, 299-311	2.5	23
55	CFTR Regulation of Aquaporin-Mediated Water Transport: A Target in Male Fertility. <i>Current Drug Targets</i> , <b>2015</b> , 16, 993-1006	3	12
54	The Sertoli Cell at a Glance <b>2015</b> , 3-13		4

53	Sertoli Cell and Germ Cell Differentiation <b>2015</b> , 25-39		3
52	Aquaporin-4 as a molecular partner of cystic fibrosis transmembrane conductance regulator in rat Sertoli cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 446, 1017-21	3.4	20
51	Metformin and male reproduction: effects on Sertoli cell metabolism. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 1033-42	8.6	57
50	Expression pattern of G protein-coupled receptor 30 in human seminiferous tubular cells. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 201, 16-20	3	17
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