

# Zheng Li

## List of Publications by Year in descending order

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121  
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201674  
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134  
docs citations

134  
times ranked

3346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical features and microsurgical reconstruction of congenital unilateral absence of the vas deferens with obstructive azoospermia: a tertiary care center experience. Asian Journal of Andrology, 2023, 25, 73.	1.6	1
2	Clinical benefit for cryopreservation of single human spermatozoa for ICSI: A systematic review and meta-analysis. Andrology, 2022, 10, 82-91.	3.5	7
3	Same total normal forms sperm counts of males from Lhasa and Shanghai, China. Environmental Science and Pollution Research, 2022, 29, 18820-18831.	5.3	1
4	Feasibility and usability of a mobile health tool on anticoagulation management for patients with atrial fibrillation: a pilot study. European Journal of Clinical Pharmacology, 2022, 78, 293-304.	1.9	7
5	Variations of <i>C14ORF39</i> and <i>SYCE1</i> Identified in Idiopathic Premature Ovarian Insufficiency and Nonobstructive Azoospermia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 724-734.	3.6	15
6	Study on cryopreservation of mouse single seminiferous tubule. Cryobiology, 2022, 104, 42-46.	0.7	1
7	Clinical benefits of a modified Cryopiece system for cryopreservation of rare ejaculated and testicular spermatozoa for ICSI. Asian Journal of Andrology, 2022, .	1.6	3
8	Successful microsurgical vasoepididymostomy for a case of cryptozoospermia. Asian Journal of Andrology, 2022, .	1.6	1
9	Novel mutation in ODF2 causes multiple morphological abnormalities of the sperm flagella in an infertile male. Asian Journal of Andrology, 2022, 24, 463.	1.6	15
10	Mutations of MSH5 in nonobstructive azoospermia (NOA) and rescued via in vivo gene editing. Signal Transduction and Targeted Therapy, 2022, 7, 1.	17.1	193
11	Novel bi-allelic MSH4 variants causes meiotic arrest and non-obstructive azoospermia. Reproductive Biology and Endocrinology, 2022, 20, 21.	3.3	11
12	Update on techniques for cryopreservation of human spermatozoa. Asian Journal of Andrology, 2022, 24, 563.	1.6	10
13	Bi-allelic <i>SPATA22</i> variants cause premature ovarian insufficiency and nonobstructive azoospermia due to meiotic arrest. Clinical Genetics, 2022, , .	2.0	7
14	Preliminary experience with 3D digital image microscope system on the treatment of varicocele. Andrologia, 2022, , e14423.	2.1	0
15	Multi-stage screening cell-free seminal mRNAs to diagnose completion of meiosis and predict testicular sperm retrieval in men with non-obstructive azoospermia. Andrology, 2022, 10, 749-757.	3.5	2
16	A Systemic Mapping Approach for Right and Left Parahisian Ventricular Arrhythmias Ablation. Frontiers in Cardiovascular Medicine, 2022, 9, 844320.	2.4	0
17	Novel bi-allelic variants in <i>KASH5</i> are associated with meiotic arrest and non-obstructive azoospermia. Molecular Human Reproduction, 2022, 28, .	2.8	4
18	Whole exome sequencing and trio analysis to broaden the variant spectrum of genes in idiopathic hypogonadotropic hypogonadism. Asian Journal of Andrology, 2021, 23, 288.	1.6	5

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19	Transverse testicular ectopia associated with persistent Mullerian duct syndrome in infertile male: two case reports and literature review. <i>Translational Andrology and Urology</i> , 2021, 10, 512-519.	1.4	10
20	Serum sex hormone-binding globulin is associated with symptomatic late-onset hypogonadism in aging rural males: a community-based study. <i>Sexual Health</i> , 2021, 18, 156-161.	0.9	1
21	Low-intensity pulsed ultrasound stimulates proliferation of stem/progenitor cells: what we need to know to translate basic science research into clinical applications. <i>Asian Journal of Andrology</i> , 2021, 23, 602.	1.6	20
22	3D digital image microscope system-assisted vasovasostomy and vasoepididymostomy in rats. <i>Asian Journal of Andrology</i> , 2021, 23, 396.	1.6	1
23	Association of hypogonadism symptoms and serum hormones in aging males. <i>Andrologia</i> , 2021, 53, e14013.	2.1	4
24	Cryopiece, a novel carrier with faster cooling rate, high recovery rate and retrieval rate, for individual sperm cryopreservation. <i>Translational Andrology and Urology</i> , 2021, 10, 1121-1132.	1.4	3
25	Real-World Prevalence of Direct Oral Anticoagulant Off-Label Doses in Atrial Fibrillation: An Epidemiological Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 581293.	3.5	31
26	RNA-binding protein ELAVL2 plays post-transcriptional roles in the regulation of spermatogonia proliferation and apoptosis. <i>Cell Proliferation</i> , 2021, 54, e13098.	5.3	14
27	Vitrification with microinjection of single seminiferous tubules: an efficient cryopreservation approach for limited testicular tissue. <i>Reproductive BioMedicine Online</i> , 2021, 43, 687-699.	2.4	2
28	A novel approach: successful management of vasectomy reversal with a three-dimensional digital image microscope system. <i>Asian Journal of Andrology</i> , 2021, 23, 118.	1.6	3
29	Direct reprogramming of human Sertoli cells into male germline stem cells with the self-renewal and differentiation potentials via overexpressing DAZL/DAZ2/BOULE genes. <i>Stem Cell Reports</i> , 2021, 16, 2798-2812.	4.8	7
30	Macro-reentrant atrial tachycardia after tricuspid or mitral valve surgery: is there difference in electrophysiological characteristics and effectiveness of catheter ablation?. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 538.	1.7	3
31	Clinical application of aromatase inhibitors to treat male infertility. <i>Human Reproduction Update</i> , 2021, 28, 30-50.	10.8	26
32	Novel Bi-Allelic Variants of FANCM Cause Sertoli Cell-Only Syndrome and Non-Obstructive Azoospermia. <i>Frontiers in Genetics</i> , 2021, 12, 799886.	2.3	9
33	Circulating primary bile acid is correlated with structural remodeling in atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 57, 371-377.	1.3	15
34	Risk of Major Gastrointestinal Bleeding With New vs Conventional Oral Anticoagulants: A Systematic Review and Meta-analysis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 792-799.e61.	4.4	54
35	Novel application of quantitative flow ratio for predicting microvascular dysfunction after ST-segment-elevation myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 624-632.	1.7	13
36	Modified stepwise mini-incision microdissection testicular sperm extraction: a useful technique for patients with a history of orchidopexy affected by non-obstructive azoospermia. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 87-92.	2.8	9

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37	MicroRNA expression signatures of atrial fibrillation: The critical systematic review and bioinformatics analysis. <i>Experimental Biology and Medicine</i> , 2020, 245, 42-53.	2.4	22
38	Derivation and propagation of spermatogonial stem cells from human pluripotent cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 408.	5.5	13
39	Single-cell analysis of developing and azoospermia human testicles reveals central role of Sertoli cells. <i>Nature Communications</i> , 2020, 11, 5683.	12.8	109
40	A modified single-armed microsurgical vasoepididymostomy for epididymal obstructive azoospermia: intraoperative choice and postoperative consideration. <i>BMC Urology</i> , 2020, 20, 121.	1.4	4
41	Incidence of myocardial injury in coronavirus disease 2019 (COVID-19): a pooled analysis of 7,679 patients from 53 studies. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 667-677.	1.7	15
42	Bi-allelic SHOC1 loss-of-function mutations cause meiotic arrest and non-obstructive azoospermia. <i>Journal of Medical Genetics</i> , 2020, 58, jmedgenet-2020-107042.	3.2	20
43	Rationale and design of a prospective multi-center randomized trial of EARLY treatment by rivaroxaban versus warfarin in ST-segment elevation MYOcardial infarction with Left Ventricular Thrombus (EARLY-MYO-LVT trial). <i>Annals of Translational Medicine</i> , 2020, 8, 392-392.	1.7	12
44	Initial anticoagulation experience with standard-dose rivaroxaban after Watchman left atrial appendage occlusion. <i>Annals of Translational Medicine</i> , 2020, 8, 105-105.	1.7	10
45	Direct versus conventional anticoagulants for treatment of cancer associated thrombosis: a pooled and interaction analysis between observational studies and randomized clinical trials. <i>Annals of Translational Medicine</i> , 2020, 8, 95-95.	1.7	12
46	Comparison of direct stenting with conventional strategy on myocardial impairments in ST-segment elevation myocardial infarction: a cardiac magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1167-1175.	1.5	7
47	Mitral isthmus block is associated with favorable outcomes after reablation for long-standing persistent atrial fibrillation. <i>Clinical Cardiology</i> , 2020, 43, 1119-1125.	1.8	3
48	miRNA-122-5p stimulates the proliferation and DNA synthesis and inhibits the early apoptosis of human spermatogonial stem cells by targeting CBL and competing with lncRNA CASC7. <i>Aging</i> , 2020, 12, 25528-25546.	3.1	28
49	Microsurgical subinguinal varicocelectomy with spermatic cord double traction and vein stripping. <i>Asian Journal of Andrology</i> , 2020, 22, 208.	1.6	5
50	Estradiol is an independent risk factor for organic erectile dysfunction in eugonadal young men. <i>Asian Journal of Andrology</i> , 2020, 22, 636.	1.6	9
51	Study of the Ultrasound Appearance of the Normal Parathyroid Using an Intraoperative Procedure. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 321-327.	1.7	11
52	Fibroblast growth factor-5 promotes spermatogonial stem cell proliferation via ERK and AKT activation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 40.	5.5	28
53	Beneficial effect of tamsulosin combined with dapoxetine in management of type III prostatitis with premature ejaculation. <i>Andrologia</i> , 2019, 51, e13319.	2.1	6
54	Massive Brain Swelling after Cranioplasty: A Case Report. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2019, 80, 498-502.	0.8	4

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55	Seminiferous tubule molecular imaging for evaluation of male fertility: Seeing is believing. <i>Tissue and Cell</i> , 2019, 58, 24-32.	2.2	4
56	Assessment of left atrial remodeling in paroxysmal atrial fibrillation with speckle tracking echocardiography: a study with an electrophysiological mapping system. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 451-459.	1.5	10
57	miR-202-3p Regulates Sertoli Cell Proliferation, Synthesis Function, and Apoptosis by Targeting LRP6 and Cyclin D1 of Wnt/ $\beta$ -Catenin Signaling. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 1-19.	5.1	54
58	FOXP3 pathogenic variants cause male infertility through affecting the proliferation and apoptosis of human spermatogonial stem cells. <i>Aging</i> , 2019, 11, 12581-12599.	3.1	10
59	Apurinic endonuclease 1 promotes the cisplatin resistance of lung cancer cells by inducing Parkin-mediated mitophagy. <i>Oncology Reports</i> , 2019, 42, 2245-2254.	2.6	15
60	A de novo frameshift mutation of the SRY gene leading to a patient with 46,XY complete gonadal dysgenesis. <i>Asian Journal of Andrology</i> , 2019, 21, 522.	1.6	2
61	Novel noninvasive quantification of penile corpus cavernosum lesions in hyperlipidemia-induced erectile dysfunction in rabbits by two-dimensional shear-wave elastography. <i>Asian Journal of Andrology</i> , 2019, 21, 143.	1.6	9
62	Induction of Sertoli-like cells from human fibroblasts by NR5A1 and GATA4. <i>ELife</i> , 2019, 8, .	6.0	40
63	VEGFC/VEGFR3 Signaling Regulates Mouse Spermatogonial Cell Proliferation via the Activation of AKT/MAPK and Cyclin D1 Pathway and Mediates the Apoptosis by affecting Caspase 3/9 and Bcl-2. <i>Cell Cycle</i> , 2018, 17, 225-239.	2.6	35
64	In Vitro Modeling of Human Germ Cell Development Using Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 509-523.	4.8	57
65	Efficient generation of functional haploid spermatids from human germline stem cells by three-dimensional-induced system. <i>Cell Death and Differentiation</i> , 2018, 25, 749-766.	11.2	59
66	Comparative analysis of human sperm glycocalyx from different freezability ejaculates by lectin microarray and identification of ABA as sperm freezability biomarker. <i>Clinical Proteomics</i> , 2018, 15, 19.	2.1	9
67	An abnormal structure of the left ventricle. <i>Heart</i> , 2018, 104, 182-182.	2.9	1
68	Effect of Kallikrein-related Peptidase KLK1 on Ameliorating Spermatogenesis Regeneration in Busulfan-induced Azoospermic Mice and Promoting Mouse Spermatogonial Stem Cell Proliferation In Vitro. <i>Urology</i> , 2018, 122, 89-96.	1.0	1
69	MiR-663a Stimulates Proliferation and Suppresses Early Apoptosis of Human Spermatogonial Stem Cells by Targeting NFIX and Regulating Cell Cycle. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 319-336.	5.1	27
70	Low voltage areas in paroxysmal atrial fibrillation: The prevalence, risk factors and impact on the effectiveness of catheter ablation. <i>International Journal of Cardiology</i> , 2018, 269, 139-144.	1.7	23
71	Assessment of the use of contrast enhanced ultrasound in guiding microdissection testicular sperm extraction in nonobstructive azoospermia. <i>BMC Urology</i> , 2018, 18, 48.	1.4	9
72	PAK1 Promotes the Proliferation and Inhibits Apoptosis of Human Spermatogonial Stem Cells via PDK1/KDR/ZNF367 and ERK1/2 and AKT Pathways. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 769-786.	5.1	39

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73	Seminal plasma miR-192a: a biomarker predicting successful resolution of nonobstructive azoospermia following varicocele repair. Asian Journal of Andrology, 2018, 20, 396.	1.6	26
74	A nonobstructive azoospermic patient with Trichomonas vaginalis infection in testes. Asian Journal of Andrology, 2018, 20, 97.	1.6	4
75	Biallelic Mutations in CFAP43 and CFAP44 Cause Male Infertility with Multiple Morphological Abnormalities of the Sperm Flagella. American Journal of Human Genetics, 2017, 100, 854-864.	6.2	220
76	BMP6 Regulates Proliferation and Apoptosis of Human Sertoli Cells Via Smad2/3 and Cyclin D1 Pathway and DACH1 and TFAP2A Activation. Scientific Reports, 2017, 7, 45298.	3.3	33
77	The impact of age, BMI and sex hormone on aging males'™ symptoms and the international index of erectile function scores. Aging Male, 2017, 20, 235-240.	1.9	17
78	Distinct Expression Profiles and Novel Targets of MicroRNAs in Human Spermatogonia, Pachytene Spermatocytes, and Round Spermatids between OA Patients and NOA Patients. Molecular Therapy - Nucleic Acids, 2017, 9, 182-194.	5.1	44
79	BMP4 promotes mouse iPS cell differentiation to male germ cells via Smad1/5, Gata4, Id1 and Id2. Reproduction, 2017, 153, 211-220.	2.6	20
80	Electrophysiological features and catheter ablation of symptomatic frequent premature atrial contractions. Europace, 2017, 19, 1535-1541.	1.7	13
81	Transdifferentiation of human male germline stem cells to hepatocytes<i>in vivo</i> via the transplantation under renal capsules. Oncotarget, 2017, 8, 14576-14592.	1.8	14
82	Generation and characteristics of human Sertoli cell line immortalized by overexpression of human telomerase. Oncotarget, 2017, 8, 16553-16570.	1.8	12
83	A novel micro-straw for cryopreservation of small number of human spermatozoon. Asian Journal of Andrology, 2017, 19, 326.	1.6	22
84	Interferon- $\gamma$ adjuvant therapy decreases the recurrence of early clear cell renal cell carcinoma and improves the prognosis of Chinese patients. Oncotarget, 2017, 8, 113185-113193.	1.8	2
85	Decreased Expression of KIFC1 in Human Testes with Globozoospermic Defects. Genes, 2016, 7, 75.	2.4	16
86	Re-ablation of paroxysmal AF secondary to persistent AF ablation. International Journal of Cardiology, 2016, 223, 11-12.	1.7	0
87	Impact of Intramyocardial Hemorrhage and Microvascular Obstruction on Cardiac Mechanics in Reperfusion Injury: A Speckle-Tracking Echocardiographic Study. Journal of the American Society of Echocardiography, 2016, 29, 973-982.	2.8	10
88	Dynamics of the Transcriptome during Human Spermatogenesis: Predicting the Potential Key Genes Regulating Male Gametes Generation. Scientific Reports, 2016, 6, 19069.	3.3	54
89	Association of a TDRD1 variant with spermatogenic failure susceptibility in the Han Chinese. Journal of Assisted Reproduction and Genetics, 2016, 33, 1099-1104.	2.5	8
90	Frame counting improves the assessment of post-reperfusion microvascular patency by TIMI myocardial perfusion grade: Evidence from cardiac magnetic resonance imaging. International Journal of Cardiology, 2016, 203, 360-366.	1.7	20

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91	MiRNA-133b promotes the proliferation of human Sertoli cells through targeting GLI3. <i>Oncotarget</i> , 2016, 7, 2201-2219.	1.8	64
92	Generation of functional hepatocytes from human spermatogonial stem cells. <i>Oncotarget</i> , 2016, 7, 8879-8895.	1.8	23
93	Point mutations in KAL1 and the mitochondrial gene MT-tRNA <sup>cys</sup> synergize to produce Kallmann syndrome phenotype. <i>Scientific Reports</i> , 2015, 5, 13050.	3.3	11
94	Establishment and Characterization of Human Germline Stem Cell Line with Unlimited Proliferation Potentials and no Tumor Formation. <i>Scientific Reports</i> , 2015, 5, 16922.	3.3	44
95	Early plasma exchange for treating ricin toxicity in children after castor bean ingestion. <i>Journal of Clinical Apheresis</i> , 2015, 30, 141-146.	1.3	15
96	NODAL secreted by male germ cells regulates the proliferation and function of human Sertoli cells from obstructive azoospermia and nonobstructive azoospermia patients. <i>Asian Journal of Andrology</i> , 2015, 17, 996.	1.6	11
97	Low-frequency germline variants across 6p22.2-6p21.33 are associated with non-obstructive azoospermia in Han Chinese men. <i>Human Molecular Genetics</i> , 2015, 24, 5628-5636.	2.9	12
98	An unusual atrioventricular accessory pathway with an oblique course. <i>HeartRhythm Case Reports</i> , 2015, 1, 411-415.	0.4	1
99	Endothelial Nitric Oxide Synthase (eNOS) T-786C, 4a4b, and G894T Polymorphisms and Male Infertility: Study for Idiopathic Asthenozoospermia and Meta-Analysis1. <i>Biology of Reproduction</i> , 2015, 92, 38.	2.7	16
100	Fractionation of human spermatogenic cells using STA-PUT gravity sedimentation and their miRNA profiling. <i>Scientific Reports</i> , 2015, 5, 8084.	3.3	77
101	Expansion and long-term culture of human spermatogonial stem cells via the activation of SMAD3 and AKT pathways. <i>Experimental Biology and Medicine</i> , 2015, 240, 1112-1122.	2.4	48
102	Efficient Conversion of Spermatogonial Stem Cells to Phenotypic and Functional Dopaminergic Neurons via the PI3K/Akt and P21/Smurf2/Nolz1 Pathway. <i>Molecular Neurobiology</i> , 2015, 52, 1654-1669.	4.0	27
103	Long-term culture and significant expansion of human Sertoli cells whilst maintaining stable global phenotype and AKT and SMAD1/5 activation. <i>Cell Communication and Signaling</i> , 2015, 13, 20.	6.5	27
104	Acetylproteomic Analysis Reveals Functional Implications of Lysine Acetylation in Human Spermatozoa (sperm). <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1009-1023.	3.8	70
105	MOV10L1 in piRNA processing and gene silencing of retrotransposons during spermatogenesis. <i>Reproduction</i> , 2015, 149, R229-R235.	2.6	10
106	A Screen for Genomic Disorders of Infertility Identifies MAST2 Duplications Associated with Nonobstructive Azoospermia in Humans1. <i>Biology of Reproduction</i> , 2015, 93, 61.	2.7	30
107	Transcriptome research on spermatogenic molecular drive in mammals. <i>Asian Journal of Andrology</i> , 2015, 17, 961.	1.6	15
108	A Novel Method in the Stratification of Post-Myocardial-Infarction Patients Based on Pathophysiology. <i>PLoS ONE</i> , 2015, 10, e0130158.	2.5	3

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109	BMP4 promotes human Sertoli cell proliferation via Smad1/5 and ID2/3 pathway and its abnormality is associated with azoospermia. <i>Discovery Medicine</i> , 2015, 19, 311-25.	0.5	25
110	Fertility outcome of patients with testicular tumor: before and after treatment. <i>Asian Journal of Andrology</i> , 2014, 16, 107.	1.6	45
111	The CFTR M470V, Intron 8 Poly-T, and 8 TG-Repeats Detection in Chinese Males with Congenital Bilateral Absence of the Vas Deferens. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	17
112	Nodal Promotes the Self-Renewal of Human Colon Cancer Stem Cells via an Autocrine Manner through Smad2/3 Signaling Pathway. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	24
113	Generation of male differentiated germ cells from various types of stem cells. <i>Reproduction</i> , 2014, 147, R179-R188.	2.6	37
114	Generation of Haploid Spermatids with Fertilization and Development Capacity from Human Spermatogonial Stem Cells of Cryptorchid Patients. <i>Stem Cell Reports</i> , 2014, 3, 663-675.	4.8	82
115	Mesenchymal stem cells overexpressing Ihh promote bone repair. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 102.	2.3	19
116	The roles and regulation of Sertoli cells in fate determinations of spermatogonial stem cells and spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014, 29, 66-75.	5.0	161
117	A novel individualized substrate modification approach for the treatment of long-standing persistent atrial fibrillation: Preliminary results. <i>International Journal of Cardiology</i> , 2014, 175, 162-168.	1.7	29
118	Raman spectroscopy as an exÂvivo noninvasive approach to distinguish complete and incomplete spermatogenesis within human seminiferous tubules. <i>Fertility and Sterility</i> , 2014, 102, 54-60.e2.	1.0	22
119	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014, 5, 3857.	12.8	64
120	Application of Raman spectroscopy in Andrology: non-invasive analysis of tissue and single cell. <i>Translational Andrology and Urology</i> , 2014, 3, 125-33.	1.4	10
121	â€œMicro-deletionsâ€•of the human Y chromosome and their relationship with male infertility. <i>Journal of Genetics and Genomics</i> , 2008, 35, 193-199.	3.9	43