Guihua Liu

List of Publications by Year
in descending order

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Version: 2024-02-01

41 papers	1,438 citations	394421 19 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	1758 citing authors

#	Article	IF	Citations
1	Multipotential differentiation of human urine-derived stem cells: Potential for therapeutic applications in urology. Stem Cells, 2013, 31, 1840-1856.	3.2	257
2	Dystrophin-deficient cardiomyocytes derived from human urine: New biologic reagents for drug discovery. Stem Cell Research, 2014, 12, 467-480.	0.7	116
3	Skeletal myogenic differentiation of urine-derived stem cells and angiogenesis using microbeads loaded with growth factors. Biomaterials, 2013, 34, 1311-1326.	11.4	108
4	Human Urine-Derived Stem Cells Alone or Genetically-Modified with FGF2 Improve Type 2 Diabetic Erectile Dysfunction in a Rat Model. PLoS ONE, 2014, 9, e92825.	2.5	102
5	Correction of Diabetic Erectile Dysfunction with Adipose Derived Stem Cells Modified with the Vascular Endothelial Growth Factor Gene in a Rodent Diabetic Model. PLoS ONE, 2013, 8, e72790.	2.5	79
6	The effect of urine-derived stem cells expressing VEGF loaded in collagen hydrogels on myogenesis and innervation following after subcutaneous implantation in nude mice. Biomaterials, 2013, 34, 8617-8629.	11.4	74
7	Extracellular Vesicles From Human Urine-Derived Stem Cells Ameliorate Erectile Dysfunction in a Diabetic Rat Model by Delivering Proangiogenic MicroRNA. Sexual Medicine, 2019, 7, 241-250.	1.6	46
8	FOXO4-DRI alleviates age-related testosterone secretion insufficiency by targeting senescent Leydig cells in aged mice. Aging, 2020, 12, 1272-1284.	3.1	46
9	Transplantation of Human Urine-Derived Stem Cells Transfected with Pigment Epithelium-Derived Factor to Protect Erectile Function in a Rat Model of Cavernous Nerve Injury. Cell Transplantation, 2016, 25, 1987-2001.	2.5	45
10	Urothelium with barrier function differentiated from human urine-derived stem cells for potential use in urinary tract reconstruction. Stem Cell Research and Therapy, 2018, 9, 304.	5.5	45
11	Human Urine-Derived Stem Cell Differentiation to Endothelial Cells with Barrier Function and Nitric Oxide Production. Stem Cells Translational Medicine, 2018, 7, 686-698.	3.3	45
12	Chronic Administration of Sildenafil Modified the Impaired VEGF System and Improved the Erectile Function in Rats with Diabetic Erectile Dysfunction. Journal of Sexual Medicine, 2010, 7, 3868-3878.	0.6	44
13	Whole-exome sequencing of a large Chinese azoospermia and severe oligospermia cohort identifies novel infertility causative variants and genes. Human Molecular Genetics, 2020, 29, 2451-2459.	2.9	42
14	Urine-Derived Stem Cells Facilitate Endogenous Spermatogenesis Restoration of Busulfan-Induced Nonobstructive Azoospermic Mice by Paracrine Exosomes. Stem Cells and Development, 2019, 28, 1322-1333.	2.1	32
15	A panel of extracellular vesicle long noncoding RNAs in seminal plasma for predicting testicular spermatozoa in nonobstructive azoospermia patients. Human Reproduction, 2020, 35, 2413-2427.	0.9	32
16	Skeletal myogenic differentiation of human urine-derived cells as a potential source for skeletal muscle regeneration. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 334-341.	2.7	30
17	Neurotrophic Effect of Adipose Tissue-Derived Stem Cells on Erectile Function Recovery by Pigment Epithelium-Derived Factor Secretion in a Rat Model of Cavernous Nerve Injury. Stem Cells International, 2016, 2016, 1-12.	2.5	27
18	CCR2-engineered mesenchymal stromal cells accelerate diabetic wound healing by restoring immunological homeostasis. Biomaterials, 2021, 275, 120963.	11.4	27

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19	A cocktail of growth factors released from a heparin hyaluronic-acid hydrogel promotes the myogenic potential of human urine-derived stem cells in vivo. Acta Biomaterialia, 2020, 107, 50-64.	8.3	26
20	Insulin Resistance Is an Independent Determinate of ED in Young Adult Men. PLoS ONE, 2013, 8, e83951.	2.5	23
21	Intratunical injection of human urineâ€derived stem cells derived exosomes prevents fibrosis and improves erectile function in a rat model of Peyronie's disease. Andrologia, 2020, 52, e13831.	2.1	23
22	Transplantation of Human Urine-Derived Stem Cells Ameliorates Erectile Function and Cavernosal Endothelial Function by Promoting Autophagy of Corpus Cavernosal Endothelial Cells in Diabetic Erectile Dysfunction Rats. Stem Cells International, 2019, 2019, 1-13.	2.5	21
23	Characterization of rabbit urine-derived stem cells for potential application in lower urinary tract tissue regeneration. Cell and Tissue Research, 2018, 374, 303-315.	2.9	19
24	Functional characterization of the immunomodulatory properties of human urine-derived stem cells. Translational Andrology and Urology, 2021, 10, 3566-3578.	1.4	19
25	Restorative functions of Autologous Stem Leydig Cell transplantation in a Testosterone-deficient non-human primate model. Theranostics, 2020, 10, 8705-8720.	10.0	17
26	Comparative efficacy and safety of drug treatment for premature ejaculation: A systemic review and Bayesian network metaâ€analysis. Andrologia, 2020, 52, e13806.	2.1	13
27	Inhibiting Necroptosis of Spermatogonial Stem Cell as a Novel Strategy for Male Fertility Preservation. Stem Cells and Development, 2020, 29, 475-487.	2.1	12
28	Combined Transplantation of Adipose Tissue-Derived Stem Cells and Endothelial Progenitor Cells Improve Diabetic Erectile Dysfunction in a Rat Model. Stem Cells International, 2020, 2020, 1-15.	2.5	10
29	Impact on using cryopreservation of testicular or epididymal sperm upon intracytoplasmic sperm injection outcome in men with obstructive azoospermia: a systematic review and meta-analysis. Journal of Assisted Reproduction and Genetics, 2020, 37, 2643-2651.	2.5	10
30	Outcome prediction of microdissection testicular sperm extraction based on extracellular vesicles piRNAs. Journal of Assisted Reproduction and Genetics, 2021, 38, 1429-1439.	2.5	10
31	Biofabrication of tissue-specific extracellular matrix proteins to enhance the expansion and differentiation of skeletal muscle progenitor cells. Applied Physics Reviews, 2019, 6, .	11.3	7
32	Triptolide Induces Leydig Cell Apoptosis by Disrupting Mitochondrial Dynamics in Rats. Frontiers in Pharmacology, 2021, 12, 616803.	3.5	6
33	The Anti-Inflammatory and Antioxidative Effects of Ningmitai Capsule in the Experimental Autoimmune Prostatitis Rat Model. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-7.	1.2	5
34	Microbial Flora Changes in Cesarean Section Uterus and Its Possible Correlation With Inflammation. Frontiers in Medicine, 2021, 8, 651938.	2.6	5
35	Diosmin for the prevention of ovarian hyperstimulation syndrome. International Journal of Gynecology and Obstetrics, 2020, 149, 166-170.	2.3	4
36	Regenerative Effects of Locally or Intra-Arterially Administered BMSCs on the Thin Endometrium. Frontiers in Bioengineering and Biotechnology, 2022, 10, 735465.	4.1	4

#	Article	IF	Citations
37	Comparative study of different transplantation methods of adipose tissueâ€derived stem cells in the treatment of erectile dysfunction caused by cavernous nerve injury. Andrologia, 2021, 53, e13950.	2.1	3
38	Phosphorylated mixed lineage kinase domainâ€like protein in human seminal plasma: A potential novel biomarker of spermatogenic function. Andrologia, 2019, 51, e13310.	2.1	2
39	Guilingji Protects Against Spermatogenesis Dysfunction From Oxidative Stress via Regulation of MAPK and Apoptotic Signaling Pathways in Immp2l Mutant Mice. Frontiers in Pharmacology, 2021, 12, 771161.	3.5	2
40	Reply: Extracellular vesicle ncRNAs in seminal plasma as biomarkers for nonobstructive azoospermia. Human Reproduction, 2021, 36, 1452-1454.	0.9	0
41	Sexual dysfunction associated with chronic retention of foreign bodies in the low urinary tract. Andrologia, 2022, 54, e14346.	2.1	0