

Ji-Kan Ryu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

583
citations

566801

15
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracavernous Delivery of a Designed Angiopoietin-1 Variant Rescues Erectile Function by Enhancing Endothelial Regeneration in the Streptozotocin-Induced Diabetic Mouse. <i>Diabetes</i> , 2011, 60, 969-980.	0.3	69
2	Functional and Morphologic Characterizations of the Diabetic Mouse Corpus Cavernosum: Comparison of a Multiple Low-Dose and a Single High-Dose Streptozotocin Protocols. <i>Journal of Sexual Medicine</i> , 2009, 6, 3289-3304.	0.3	57
3	A Mouse Model of Cavernous Nerve Injury-Induced Erectile Dysfunction: Functional and Morphological Characterization of the Corpus Cavernosum. <i>Journal of Sexual Medicine</i> , 2010, 7, 3351-3364.	0.3	47
4	Intracavernous Delivery of Synthetic Angiopoietin-1 Protein as a Novel Therapeutic Strategy for Erectile Dysfunction in the Type II Diabetic <i>db/db</i> Mouse. <i>Journal of Sexual Medicine</i> , 2010, 7, 3635-3646.	0.3	40
5	Repeated intratunical injection of adenovirus expressing transforming growth factor- β 21 in a rat induces penile curvature with tunical fibrotic plaque: a useful model for the study of Peyronie's disease. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 346-353.	3.6	36
6	The pericyte as a cellular regulator of penile erection and a novel therapeutic target for erectile dysfunction. <i>Scientific Reports</i> , 2015, 5, 10891.	1.6	33
7	Transforming Growth Factor (TGF)- β 2 Type I Receptor Kinase (ALK5) Inhibitor Alleviates Profibrotic TGF- β 21 Responses in Fibroblasts Derived from Peyronie's Plaque. <i>Journal of Sexual Medicine</i> , 2010, 7, 3385-3395.	0.3	32
8	Inhibition of histone deacetylase 2 mitigates profibrotic TGF- β 21 responses in fibroblasts derived from Peyronie's plaque. <i>Asian Journal of Andrology</i> , 2013, 15, 640-645.	0.8	30
9	Selonsertib Inhibits Liver Fibrosis via Downregulation of ASK1/ MAPK Pathway of Hepatic Stellate Cells. <i>Biomolecules and Therapeutics</i> , 2020, 28, 527-536.	1.1	30
10	Matrigel-Based Sprouting Endothelial Cell Culture System from Mouse Corpus Cavernosum Is Potentially Useful for the Study of Endothelial and Erectile Dysfunction Related to High-Glucose Exposure. <i>Journal of Sexual Medicine</i> , 2012, 9, 1760-1772.	0.3	29
11	Erectile Dysfunction Precedes Other Systemic Vascular Diseases Due to Incompetent Cavernous Endothelial Cell-Cell Junctions. <i>Journal of Urology</i> , 2013, 190, 779-789.	0.2	20
12	Pericyte-Derived Dickkopf2 Regenerates Damaged Penile Neurovasculature Through an Angiopoietin-1-Tie2 Pathway. <i>Diabetes</i> , 2018, 67, 1149-1161.	0.3	20
13	Effect of Intracavernous Administration of Angiopoietin-4 on Erectile Function in the Streptozotocin-Induced Diabetic Mouse. <i>Journal of Sexual Medicine</i> , 2013, 10, 2912-2927.	0.3	17
14	Exercise training causes a partial improvement through increasing testosterone and eNOS for erectile function in middle-aged rats. <i>Experimental Gerontology</i> , 2018, 108, 131-138.	1.2	17
15	Embryonic stem cell-derived extracellular vesicle-mimetic nanovesicles rescue erectile function by enhancing penile neurovascular regeneration in the streptozotocin-induced diabetic mouse. <i>Scientific Reports</i> , 2019, 9, 20072.	1.6	17
16	Designed angiopoietin-1 variant, COMP-angiopoietin-1, rescues erectile function through healthy cavernous angiogenesis in a hypercholesterolemic mouse. <i>Scientific Reports</i> , 2015, 5, 9222.	1.6	15
17	Pericyte-Derived Extracellular Vesicle-Mimetic Nanovesicles Restore Erectile Function by Enhancing Neurovascular Regeneration in a Mouse Model of Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , 2020, 17, 2118-2128.	0.3	11
18	Gene expression profiling of mouse cavernous endothelial cells for diagnostic targets in diabetes-induced erectile dysfunction. <i>Investigative and Clinical Urology</i> , 2021, 62, 90.	1.0	11

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19	Inhibition of proNGF and p75NTR Pathway Restores Erectile Function Through Dual Angiogenic and Neurotrophic Effects in the Diabetic Mouse. <i>Journal of Sexual Medicine</i> , 2019, 16, 351-364.	0.3	10
20	A Simple and Nonenzymatic Method to Isolate Human Corpus Cavernosum Endothelial Cells and Pericytes for the Study of Erectile Dysfunction. <i>World Journal of Men's Health</i> , 2020, 38, 123.	1.7	9
21	Transcriptional profiling of mouse cavernous pericytes under high-glucose conditions: Implications for diabetic angiopathy. <i>Investigative and Clinical Urology</i> , 2021, 62, 100.	1.0	8
22	Intracavernous delivery of Dickkopf3 gene or peptide rescues erectile function through enhanced cavernous angiogenesis in the diabetic mouse. <i>Andrology</i> , 2020, 8, 1387-1397.	1.9	7
23	Neutralizing antibody to proNGF rescues erectile function by regulating the expression of neurotrophic and angiogenic factors in a mouse model of cavernous nerve injury. <i>Andrology</i> , 2021, 9, 329-341.	1.9	7
24	Efficacy of Low-Intensity Extracorporeal Shock Wave Treatment in Erectile Dysfunction Following Radical Prostatectomy: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2775.	1.0	6
25	Optimizing <i>in vivo</i> gene transfer into mouse corpus cavernosum by use of surface electroporation. <i>Korean Journal of Urology</i> , 2015, 56, 197.	1.2	3
26	RNA-sequencing profiling analysis of pericyte-derived extracellular vesicle-mimetic nanovesicles-regulated genes in primary cultured fibroblasts from normal and Peyronie's disease penile tunica albuginea. <i>BMC Urology</i> , 2021, 21, 103.	0.6	2