

Bertha Chen

List of Publications by Year in descending order

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37
papers

873
citations

516710

16
h-index

477307

29
g-index

38
all docs

38
docs citations

38
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in Connective Tissue Metabolism in Stress Incontinence and Prolapse. <i>Journal of Urology</i> , 2011, 186, 1768-1772.	0.4	112
2	Elastolytic activity in women with stress urinary incontinence and pelvic organ prolapse. <i>Neurourology and Urodynamics</i> , 2004, 23, 119-126.	1.5	92
3	Differences in estrogen modulation of tissue inhibitor of matrix metalloproteinase-1 and matrix metalloproteinase-1 expression in cultured fibroblasts from continent and incontinent women. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 59-65.	1.3	57
4	Bilayered vascular graft derived from human induced pluripotent stem cells with biomimetic structure and function. <i>Regenerative Medicine</i> , 2015, 10, 745-755.	1.7	51
5	Elastin metabolism in pelvic tissues: Is it modulated by reproductive hormones?. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 192, 1605-1613.	1.3	50
6	Microarray analysis of differentially expressed genes in vaginal tissues from women with stress urinary incontinence compared with asymptomatic women. <i>Human Reproduction</i> , 2006, 21, 22-29.	0.9	47
7	Biomechanical Properties and Associated Collagen Composition in Vaginal Tissue of Women with Pelvic Organ Prolapse. <i>Journal of Urology</i> , 2012, 188, 875-880.	0.4	45
8	Menstrual phase-dependent gene expression differences in periurethral vaginal tissue from women with stress incontinence. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 89-97.	1.3	39
9	Smooth Muscle Precursor Cells Derived from Human Pluripotent Stem Cells for Treatment of Stress Urinary Incontinence. <i>Stem Cells and Development</i> , 2016, 25, 453-461.	2.1	38
10	Do extracellular matrix protein expressions change with cyclic reproductive hormones in pelvic connective tissue from women with stress urinary incontinence?. <i>Human Reproduction</i> , 2006, 21, 1266-1273.	0.9	35
11	Spatiotemporal Reconstruction of the Human Blastocyst by Single-Cell Gene-Expression Analysis Informs Induction of Naive Pluripotency. <i>Developmental Cell</i> , 2016, 38, 100-115.	7.0	35
12	The role of neutrophil elastase in elastin metabolism of pelvic tissues from women with stress urinary incontinence. <i>Neurourology and Urodynamics</i> , 2007, 26, 274-279.	1.5	28
13	Reprogramming of Fibroblasts From Older Women With Pelvic Floor Disorders Alters Cellular Behavior Associated With Donor Age. <i>Stem Cells Translational Medicine</i> , 2013, 2, 118-128.	3.3	21
14	Dynamic and social behaviors of human pluripotent stem cells. <i>Scientific Reports</i> , 2015, 5, 14209.	3.3	18
15	Smooth Muscle Progenitor Cells Derived From Human Pluripotent Stem Cells Induce Histologic Changes in Injured Urethral Sphincter. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1719-1729.	3.3	18
16	Expression of apoptotic factors in vaginal tissues from women with urogenital prolapse. <i>Neurourology and Urodynamics</i> , 2011, 30, 1627-1632.	1.5	17
17	Cell sex affects extracellular matrix protein expression and proliferation of smooth muscle progenitor cells derived from human pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 156.	5.5	17
18	Proliferative behavior of vaginal fibroblasts from women with pelvic organ prolapse. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 183, 1-4.	1.1	16

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19	Effect of Relaxin on TGF- β 1 Expression in Cultured Vaginal Fibroblasts From Women With Stress Urinary Incontinence. <i>Reproductive Sciences</i> , 2008, 15, 312-320.	2.5	15
20	Evaluation of diet pattern and weight gain in postmenopausal women enrolled in the Women's Health Initiative Observational Study. <i>British Journal of Nutrition</i> , 2017, 117, 1189-1197.	2.3	15
21	36-Item Short Form Survey (SF-36) Versus Gait Speed As Predictor of Preclinical Mobility Disability in Older Women: The Women's Health Initiative. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 706-713.	2.6	13
22	Efficacy and Safety of Immuno-Magnetically Sorted Smooth Muscle Progenitor Cells Derived from Human-Induced Pluripotent Stem Cells for Restoring Urethral Sphincter Function. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1158-1167.	3.3	12
23	Is lysyl oxidase-like protein-1, alpha-1 antitrypsin, and neutrophil elastase site specific in pelvic organ prolapse?. <i>International Urogynecology Journal</i> , 2009, 20, 1423-1429.	1.4	10
24	Relaxin increases elastase activity and protease inhibitors in smooth muscle cells from the myometrium compared with cells from leiomyomas. <i>Fertility and Sterility</i> , 2009, 91, 1351-1354.	1.0	9
25	Challenges and Future Prospects for Tissue Engineering in Female Pelvic Medicine and Reconstructive Surgery. <i>Current Urology Reports</i> , 2014, 15, 425.	2.2	9
26	Transforming growth interacting factor expression in leiomyoma compared with myometrium. <i>Fertility and Sterility</i> , 2010, 94, 1078-1083.	1.0	8
27	<i>in vivo</i> -Adventitial delivery of smooth muscle cells in porous collagen scaffolds for treatment of experimental abdominal aortic aneurysm. <i>Biomaterials Science</i> , 2021, 9, 6903-6914.	5.4	7
28	Do Induced Pluripotent Stem Cell Characteristics Correlate with Efficient In Vitro Smooth Muscle Cell Differentiation? A Comparison of Three Patient-Derived Induced Pluripotent Stem Cell Lines. <i>Stem Cells and Development</i> , 2018, 27, 1438-1448.	2.1	6
29	Are fibroid and bony pelvis characteristics associated with urinary and pelvic symptom severity?. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, 471.e1-471.e11.	1.3	6
30	Identification of protein marker in vaginal wall tissues of women with stress urinary incontinence by protein chip array. <i>Journal of Obstetrics and Gynaecology Research</i> , 2012, 38, 89-96.	1.3	5
31	Secretomes of human pluripotent stem cell-derived smooth muscle cell progenitors upregulate extracellular matrix metabolism in the lower urinary tract and vagina. <i>Stem Cell Research and Therapy</i> , 2021, 12, 228.	5.5	5
32	Postoperative complications and recurrence rates after rectal prolapse surgery versus combined rectal prolapse and pelvic organ prolapse surgery. <i>International Urogynecology Journal</i> , 2021, 32, 2401-2411.	1.4	5
33	Evaluation of the routine use of pelvic MRI in women presenting with symptomatic uterine fibroids: When is pelvic MRI useful?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e271-e281.	3.4	4
34	Physical Activity, Diet, and Incident Urinary Incontinence in Postmenopausal Women: Women's Health Initiative Observational Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1600-1607.	3.6	4
35	The effect of raloxifene, a SERM, on extracellular matrix protein expression of pelvic fibroblasts. <i>International Urogynecology Journal</i> , 2012, 23, 349-355.	1.4	2
36	Assessing the use of the IUGA/ICS classification system for prosthesis/graft complications in publications from 2011 to 2015. <i>International Urogynecology Journal</i> , 2016, 27, 1905-1911.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Low-fat dietary pattern reduces urinary incontinence in postmenopausal women: post hoc analysis of the Women's Health Initiative Diet Modification Trial. <i>AJOG Global Reports</i> , 2022, 2, 100044.	1.0	0