

Marianna Alperin

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,116
citations

361413

20
h-index

414414

32
g-index

53
all docs

53
docs citations

53
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms governing protective pregnancy-induced adaptations of the pelvic floor muscles in the rat preclinical model. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 708.e1-708.e13.	1.3	2
2	International Urogynecological Consultation (IUC): pathophysiology of pelvic organ prolapse (POP). <i>International Urogynecology Journal</i> , 2022, 33, 1699-1710.	1.4	16
3	In-plane and out-of-plane deformations of gilt utero-sacral ligaments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 131, 105249.	3.1	2
4	Foundational Science and Mechanistic Insights for a Shared Disease Model: An Expert Consensus. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2022, 28, 347-350.	1.1	6
5	Foundational science and mechanistic insights for a shared disease model: an expert consensus. <i>International Urogynecology Journal</i> , 2022, 33, 1387-1392.	1.4	1
6	Novel Application of Photogrammetry to Quantify Fascicle Orientations of Female Cadaveric Pelvic Floor Muscles. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1888-1899.	2.5	2
7	Quantifying the Effects of Aging on Morphological and Cellular Properties of Human Female Pelvic Floor Muscles. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1836-1847.	2.5	10
8	Isolation of muscle stem cells from rat skeletal muscles. <i>Stem Cell Research</i> , 2020, 43, 101684.	0.7	9
9	Age-associated changes in the mechanical properties of human cadaveric pelvic floor muscles. <i>Journal of Biomechanics</i> , 2020, 98, 109436.	2.1	18
10	Uncovering changes in proteomic signature of rat pelvic floor muscles in pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 130.e1-130.e9.	1.3	6
11	Mechanical impact of parturition-related strains on rat pelvic striated sphincters. <i>Neurourology and Urodynamics</i> , 2019, 38, 912-919.	1.5	0
12	Multimodal imaging assessment and histologic correlation of the female rat pelvic floor muscles' anatomy. <i>Journal of Anatomy</i> , 2019, 234, 543-550.	1.5	2
13	The mysteries of menopause and urogynecologic health: clinical and scientific gaps. <i>Menopause</i> , 2019, 26, 103-111.	2.0	46
14	Pelvic muscles' mechanical response to strains in the absence and presence of pregnancy-induced adaptations in a rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 512.e1-512.e9.	1.3	29
15	American Urogynecologic Society Prolapse Consensus Conference Summary Report. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2018, 24, 260-263.	1.1	20
16	Recurrence of Rectal Prolapse After Surgical Repair in Women With Pelvic Organ Prolapse. <i>Diseases of the Colon and Rectum</i> , 2018, 61, 861-867.	1.3	14
17	Structure-function relationship of the human external anal sphincter. <i>International Urogynecology Journal</i> , 2018, 29, 673-678.	1.4	6
18	Mechanical Analysis of the Uterosacral Ligament: Swine vs. Human. <i>Annals of Biomedical Engineering</i> , 2018, 46, 2036-2047.	2.5	13

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19	The Role of the Surgeon on Outcomes of Vaginal Prolapse Surgery With Mesh. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2017, 23, 293-296.	1.1	13
20	Architectural assessment of rhesus macaque pelvic floor muscles: comparison for use as a human model. <i>International Urogynecology Journal</i> , 2017, 28, 1527-1535.	1.4	12
21	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. <i>Obstetrical and Gynecological Survey</i> , 2017, 72, 220-221.	0.4	0
22	Age-related alterations in female obturator internus muscle. <i>International Urogynecology Journal</i> , 2017, 28, 729-734.	1.4	21
23	Clinical application of IUGA/ICS classification system for mesh erosion. <i>Neurourology and Urodynamics</i> , 2016, 35, 589-594.	1.5	14
24	Salpingo-oophorectomy at the Time of Benign Hysterectomy. <i>Obstetrics and Gynecology</i> , 2016, 128, 476-485.	2.4	84
25	Pregnancy-induced adaptations in intramuscular extracellular matrix of rat pelvic floor muscles. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 210.e1-210.e7.	1.3	36
26	Impact of vaginal parity and aging on the architectural design of pelvic floor muscles. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 312.e1-312.e9.	1.3	62
27	Pregnancy-induced adaptations in the intrinsic structure of rat pelvic floor muscles. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 191.e1-191.e7.	1.3	54
28	Post-mortem timing of skeletal muscle biochemical and mechanical degradation. <i>Journal of Biomechanics</i> , 2014, 47, 1506-1509.	2.1	11
29	Architectural design of the pelvic floor is consistent with muscle functional subspecialization. <i>International Urogynecology Journal</i> , 2014, 25, 205-212.	1.4	24
30	Comparison of pelvic muscle architecture between humans and commonly used laboratory species. <i>International Urogynecology Journal</i> , 2014, 25, 1507-1515.	1.4	30
31	Collagen scaffold: a treatment for large mesh exposure following vaginal prolapse repair. <i>International Urogynecology Journal</i> , 2014, 25, 1597-1599.	1.4	6
32	Comparative outcomes of open versus laparoscopic sacrocolpopexy among medicare beneficiaries. <i>International Urogynecology Journal</i> , 2013, 24, 1883-1891.	1.4	27
33	A randomized trial of Prophylactic Uterosacral Ligament Suspension at the time of hysterectomy for Prevention of Vaginal Vault Prolapse (PULS): Design and methods. <i>Contemporary Clinical Trials</i> , 2013, 35, 8-12.	1.8	23
34	Patterns of Pessary Care and Outcomes for Medicare Beneficiaries With Pelvic Organ Prolapse. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2013, 19, 142-147.	1.1	35
35	Two-Year Outcomes After Vaginal Prolapse Reconstruction With Mesh Pelvic Floor Repair System. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2013, 19, 72-78.	1.1	10
36	Impact of the 2011 FDA Transvaginal Mesh Safety Update on AUGS Members'™ Use of Synthetic Mesh and Biologic Grafts in Pelvic Reconstructive Surgery. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2013, 19, 191-198.	1.1	76

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37	Impact of Pregnancy and Vaginal Delivery on the Passive and Active Mechanics of the Rat Vagina. <i>Annals of Biomedical Engineering</i> , 2011, 39, 549-558.	2.5	55
38	Now or Later...Does Timing of a Midurethral Slings in Relation to Transvaginal Prolapse Repair Affect Continence Outcomes at 1 Year?. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2010, 16, 299-303.	1.1	4
39	Symptomatic urinary tract infections after surgery for prolapse and/or incontinence. <i>International Urogynecology Journal</i> , 2010, 21, 955-961.	1.4	64
40	Pregnancy- and delivery-induced biomechanical changes in rat vagina persist postpartum. <i>International Urogynecology Journal</i> , 2010, 21, 1169-1174.	1.4	39
41	Collagen scaffold: a treatment for simulated maternal birth injury in the rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 589.e1-589.e8.	1.3	23
42	LOXL1 deficiency negatively impacts the biomechanical properties of the mouse vagina and supportive tissues. <i>International Urogynecology Journal</i> , 2008, 19, 977-986.	1.4	45
43	Perioperative outcomes of the Prolift® pelvic floor repair systems following introduction to a urogynecology teaching service. <i>International Urogynecology Journal</i> , 2008, 19, 1617-1622.	1.4	14
44	Development of de novo urge incontinence in women post sling: The role of preoperative urodynamics in assessing the risk. <i>Neurourology and Urodynamics</i> , 2008, 27, 407-411.	1.5	36
45	Episiotomy and Increase in the Risk of Obstetric Laceration in a Subsequent Vaginal Delivery. <i>Obstetrics and Gynecology</i> , 2008, 111, 1274-1278.	2.4	34
46	Endometrial ablation in a woman with a persistent uterine hemorrhage due to acute promyelocytic leukemia: a case report. <i>Journal of reproductive medicine, The</i> , 2007, 52, 548-50.	0.2	2
47	Remodeling of vaginal connective tissue in patients with prolapse. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 544-550.	2.0	60