Marianna Alperin

List of Publications by Year
in descending order

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	Salpingo-oophorectomy at the Time of Benign Hysterectomy. Obstetrics and Gynecology, 2016, 128, 476-485.	2.4	84
2	Impact of the 2011 FDA Transvaginal Mesh Safety Update on AUGS Membersâ€™ Use of Synthetic Mesh and Biologic Grafts in Pelvic Reconstructive Surgery. Female Pelvic Medicine and Reconstructive Surgery, 2013, 19, 191-198.	1.1	76
3	Symptomatic urinary tract infections after surgery for prolapse and/or incontinence. International Urogynecology Journal, 2010, 21, 955-961.	1.4	64
4	Impact of vaginal parity and aging on the architectural design of pelvic floor muscles. American Journal of Obstetrics and Gynecology, 2016, 215, 312.e1-312.e9.	1.3	62
5	Remodeling of vaginal connective tissue in patients with prolapse. Current Opinion in Obstetrics and Gynecology, 2006, 18, 544-550.	2.0	60
6	Impact of Pregnancy and Vaginal Delivery on the Passive and Active Mechanics of the Rat Vagina. Annals of Biomedical Engineering, 2011, 39, 549-558.	2.5	55
7	Pregnancy-induced adaptations in the intrinsic structure of rat pelvic floor muscles. American Journal of Obstetrics and Gynecology, 2015, 213, 191.e1-191.e7.	1.3	54
8	The mysteries of menopause and urogynecologic health: clinical and scientific gaps. Menopause, 2019, 26, 103-111.	2.0	46
9	LOXL1 deficiency negatively impacts the biomechanical properties of the mouse vagina and supportive tissues. International Urogynecology Journal, 2008, 19, 977-986.	1.4	45
10	Pregnancy- and delivery-induced biomechanical changes in rat vagina persist postpartum. International Urogynecology Journal, 2010, 21, 1169-1174.	1.4	39
11	Development of de novo urge incontinence in women post sling: The role of preoperative urodynamics in assessing the risk. Neurourology and Urodynamics, 2008, 27, 407-411.	1.5	36
12	Pregnancy-induced adaptations in intramuscular extracellular matrix of rat pelvic floor muscles. American Journal of Obstetrics and Gynecology, 2016, 215, 210.e1-210.e7.	1.3	36
13	Patterns of Pessary Care and Outcomes for Medicare Beneficiaries With Pelvic Organ Prolapse. Female Pelvic Medicine and Reconstructive Surgery, 2013, 19, 142-147.	1.1	35
14	Episiotomy and Increase in the Risk of Obstetric Laceration in a Subsequent Vaginal Delivery. Obstetrics and Gynecology, 2008, 111, 1274-1278.	2.4	34
15	Comparison of pelvic muscle architecture between humans and commonly used laboratory species. International Urogynecology Journal, 2014, 25, 1507-1515.	1.4	30
16	Pelvic musclesâ€™ mechanical response to strains in theÂabsence and presence of pregnancy-induced adaptations in a rat model. American Journal of Obstetrics and Gynecology, 2018, 218, 512.e1-512.e9.	1.3	29
17	Comparative outcomes of open versus laparoscopic sacrocolpopexy among medicare beneficiaries. International Urogynecology Journal, 2013, 24, 1883-1891.	1.4	27
18	Architectural design of the pelvic floor is consistent with muscle functional subspecialization. International Urogynecology Journal, 2014, 25, 205-212.	1.4	24

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19	Collagen scaffold: a treatment for simulated maternal birth injury in the rat model. American Journal of Obstetrics and Gynecology, 2010, 202, 589.e1-589.e8.	1.3	23
20	A randomized trial of Prophylactic Uterosacral Ligament Suspension at the time of hysterectomy for Prevention of Vaginal Vault Prolapse (PULS): Design and methods. Contemporary Clinical Trials, 2013, 35, 8-12.	1.8	23
21	Age-related alterations in female obturator internus muscle. International Urogynecology Journal, 2017, 28, 729-734.	1.4	21
22	American Urogynecologic Society Prolapse Consensus Conference Summary Report. Female Pelvic Medicine and Reconstructive Surgery, 2018, 24, 260-263.	1.1	20
23	Age-associated changes in the mechanical properties of human cadaveric pelvic floor muscles. Journal of Biomechanics, 2020, 98, 109436.	2.1	18
24	International Urogynecological Consultation (IUC): pathophysiology of pelvic organ prolapse (POP). International Urogynecology Journal, 2022, 33, 1699-1710.	1.4	16
25	Perioperative outcomes of the ProliftÂ® pelvic floor repair systems following introduction to a urogynecology teaching service. International Urogynecology Journal, 2008, 19, 1617-1622.	1.4	14
26	Clinical application of IUGA/ICS classification system for mesh erosion. Neurourology and Urodynamics, 2016, 35, 589-594.	1.5	14
27	Recurrence of Rectal Prolapse After Surgical Repair in Women With Pelvic Organ Prolapse. Diseases of the Colon and Rectum, 2018, 61, 861-867.	1.3	14
28	The Role of the Surgeon on Outcomes of Vaginal Prolapse Surgery With Mesh. Female Pelvic Medicine and Reconstructive Surgery, 2017, 23, 293-296.	1.1	13
29	Mechanical Analysis of the Uterosacral Ligament: Swine vs. Human. Annals of Biomedical Engineering, 2018, 46, 2036-2047.	2.5	13
30	Architectural assessment of rhesus macaque pelvic floor muscles: comparison for use as a human model. International Urogynecology Journal, 2017, 28, 1527-1535.	1.4	12
31	Post-mortem timing of skeletal muscle biochemical and mechanical degradation. Journal of Biomechanics, 2014, 47, 1506-1509.	2.1	11
32	Two-Year Outcomes After Vaginal Prolapse Reconstruction With Mesh Pelvic Floor Repair System. Female Pelvic Medicine and Reconstructive Surgery, 2013, 19, 72-78.	1.1	10
33	Quantifying the Effects of Aging on Morphological and Cellular Properties of Human Female Pelvic Floor Muscles. Annals of Biomedical Engineering, 2021, 49, 1836-1847.	2.5	10
34	Isolation of muscle stem cells from rat skeletal muscles. Stem Cell Research, 2020, 43, 101684.	0.7	9
35	Collagen scaffold: a treatment for large mesh exposure following vaginal prolapse repair. International Urogynecology Journal, 2014, 25, 1597-1599.	1.4	6
36	Structureâ€“function relationship of the human external anal sphincter. International Urogynecology Journal, 2018, 29, 673-678.	1.4	6

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37	Uncovering changes in proteomic signature of rat pelvic floor muscles in pregnancy. American Journal of Obstetrics and Gynecology, 2019, 221, 130.e1-130.e9.	1.3	6
38	Foundational Science and Mechanistic Insights for a Shared Disease Model: An Expert Consensus. Female Pelvic Medicine and Reconstructive Surgery, 2022, 28, 347-350.	1.1	6
39	Now or Later...Does Timing of a Midurethral Sling in Relation to Transvaginal Prolapse Repair Affect Continence Outcomes at 1 Year?. Female Pelvic Medicine and Reconstructive Surgery, 2010, 16, 299-303.	1.1	4
40	Multimodal imaging assessment and histologic correlation of the female rat pelvic floor musclesâ€™ anatomy. Journal of Anatomy, 2019, 234, 543-550.	1.5	2
41	Novel Application of Photogrammetry to Quantify Fascicle Orientations of Female Cadaveric Pelvic Floor Muscles. Annals of Biomedical Engineering, 2021, 49, 1888-1899.	2.5	2
42	Mechanisms governing protective pregnancy-induced adaptations of the pelvic floor muscles in the rat preclinical model. American Journal of Obstetrics and Gynecology, 2022, 226, 708.e1-708.e13.	1.3	2
43	Endometrial ablation in a woman with a persistent uterine hemorrhage due to acute promyelocytic leukemia: a case report. Journal of reproductive medicine, The, 2007, 52, 548-50.	0.2	2
44	In-plane and out-of-plane deformations of gilt utero-sacral ligaments. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 131, 105249.	3.1	2
45	Foundational science and mechanistic insights for a shared disease model: an expert consensus. International Urogynecology Journal, 2022, 33, 1387-1392.	1.4	1
46	Salpingo-oophorectomy at the Time of Benign Hysterectomy: A Systematic Review. Obstetrical and Gynecological Survey, 2017, 72, 220-221.	0.4	0
47	Mechanical impact of parturitionâ€related strains on rat pelvic striated sphincters. Neurourology and Urodynamics, 2019, 38, 912-919.	1.5	0