

# Jennifer A Kruger

## List of Publications by Citations

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**Version:** 2024-04-27

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35  
papers

607  
citations

13  
h-index

24  
g-index

35  
ext. papers

712  
ext. citations

2.8  
avg, IF

3.79  
L-index

#	Paper	IF	Citations
35	Pelvic floor function in nulliparous women using three-dimensional ultrasound and magnetic resonance imaging. <i>Obstetrics and Gynecology</i> , <b>2008</b> , 111, 631-8	4.9	97
34	Pelvic floor function in elite nulliparous athletes. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2007</b> , 30, 81-5	5.8	88
33	The effect of pregnancy on hiatal dimensions and urethral mobility: an observational study. <i>International Urogynecology Journal</i> , <b>2012</b> , 23, 1561-7	2	57
32	Characterizing the ex vivo mechanical properties of synthetic polypropylene surgical mesh. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 37, 48-55	4.1	40
31	How best to measure the levator hiatus: evidence for the non-Euclidean nature of the plane of minimal dimensions. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2010</b> , 36, 755-8	5.8	39
30	Alterations in levator ani morphology in elite nulliparous athletes: a pilot study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2005</b> , 45, 42-7	1.7	31
29	Anisotropic effects of the levator ani muscle during childbirth. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2011</b> , 10, 485-94	3.8	26
28	Effects of nonlinear muscle elasticity on pelvic floor mechanics during vaginal childbirth. <i>Journal of Biomechanical Engineering</i> , <b>2010</b> , 132, 111010	2.1	26
27	Modeling childbirth: elucidating the mechanisms of labor. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , <b>2010</b> , 2, 460-470	6.6	25
26	Pelvic floor morphometry and function in women with and without puborectalis avulsion in the early postpartum period. <i>American Journal of Obstetrics and Gynecology</i> , <b>2017</b> , 216, 274.e1-274.e8	6.4	22
25	An automated hand-held elastometer for quantifying the passive stiffness of the levator ani muscle in women. <i>Neurourology and Urodynamics</i> , <b>2015</b> , 34, 133-8	2.3	20
24	Design and development of a novel intra-vaginal pressure sensor. <i>International Urogynecology Journal</i> , <b>2013</b> , 24, 1715-21	2	17
23	Characterizing levator-ani muscle stiffness pre- and post-childbirth in European and Polynesian women in New Zealand: a pilot study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2017</b> , 96, 1234-1242	3.8	14
22	Comparison between transperineal ultrasound and digital detection of levator ani trauma. Can we improve the odds?. <i>Neurourology and Urodynamics</i> , <b>2014</b> , 33, 307-11	2.3	12
21	Can you train the pelvic floor muscles by contracting other related muscles?. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 677-683	2.3	11
20	Effects of fetal head shape variation on the second stage of labour. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 1593-9	2.9	9
19	Modelling the pelvic floor for investigating difficulties during childbirth <b>2008</b> ,		8

18	Is it time to rethink using digital palpation for assessment of muscle stiffness?. <i>Neurourology and Urodynamics</i> , <b>2020</b> , 39, 279-285	2.3	8
17	Reliability and validity of intravaginal pressure measurements with a new intravaginal pressure device: The FemFit <sup>®</sup> . <i>Neurourology and Urodynamics</i> , <b>2020</b> , 39, 253-260	2.3	8
16	Clinical evaluation of a high-fidelity wireless intravaginal pressure sensor. <i>International Urogynecology Journal</i> , <b>2015</b> , 26, 243-9	2	6
15	Modelling childbirth: comparing athlete and non-athlete pelvic floor mechanics. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 11, 750-7	0.9	6
14	Assessing exercises recommended for women at risk of pelvic floor disorders using multivariate statistical techniques. <i>International Urogynecology Journal</i> , <b>2018</b> , 29, 1447-1454	2	5
13	Mathematical modeling of the female reproductive system: from oocyte to delivery. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , <b>2017</b> , 9, e1353	6.6	5
12	Effect of Spinal Manipulation on Pelvic Floor Functional Changes in Pregnant and Nonpregnant Women: A Preliminary Study. <i>Journal of Manipulative and Physiological Therapeutics</i> , <b>2016</b> , 39, 339-347	1.3	5
11	A Quantitative Description of Pelvic Floor Muscle Fibre Organisation <b>2011</b> , 119-130		5
10	Modeling the second stage of labor. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , <b>2016</b> , 8, 506-516	6.6	4
9	Effects of Fetal Head Motion on Pelvic Floor Mechanics <b>2010</b> , 129-137		4
8	Pelvic Floor Morphometric Differences in Elderly Women with or without Urinary Incontinence. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2018</b> , 70, 49-56	0.8	3
7	The Use of an Intra-Vaginal Pressure Sensor Device To Evaluate Changes in Intra-Vaginal Pressure Profiles Pre and Post Pelvic Organ Prolapse Surgery <b>2019</b> ,		2
6	Change in levator ani muscle stiffness and active force during pregnancy and post-partum. <i>International Urogynecology Journal</i> , <b>2020</b> , 31, 2345-2351	2	2
5	Data-driven modelling of fatigue in pelvic floor muscles when performing Kegel exercises <b>2019</b> ,		1
4	Effects of Levator Ani Muscle Morphology on the Mechanics of Vaginal Childbirth <b>2012</b> , 63-75		1
3	Assessing vaginal pressure profiles before and after prolapse surgery using an intravaginal pressure sensor (femfit <sup>®</sup> ). <i>International Urogynecology Journal</i> , <b>2021</b> , 32, 3037-3044	2	0
2	Using codesign to develop a mobile application for pelvic floor muscle training with an intravaginal device (femfit <sup>®</sup> ). <i>Neurourology and Urodynamics</i> , <b>2021</b> , 40, 1900-1907	2.3	0
1	Online, data-driven detection of human position during Kegel exercising. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 16359-16365	0.7	

