

Jennifer A Kruger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Assessing vaginal pressure profiles before and after prolapse surgery using an intravaginal pressure sensor (femfit [®]). <i>International Urogynecology Journal</i> , 2021 , 32, 3037-3044	2	0
34	Using codesign to develop a mobile application for pelvic floor muscle training with an intravaginal device (femfit [®]). <i>Neurourology and Urodynamics</i> , 2021 , 40, 1900-1907	2.3	0
33	Online, data-driven detection of human position during Kegel exercising. <i>IFAC-PapersOnLine</i> , 2020 , 53, 16359-16365	0.7	
32	Is it time to rethink using digital palpation for assessment of muscle stiffness?. <i>Neurourology and Urodynamics</i> , 2020 , 39, 279-285	2.3	8
31	Reliability and validity of intravaginal pressure measurements with a new intravaginal pressure device: The FemFit [®] . <i>Neurourology and Urodynamics</i> , 2020 , 39, 253-260	2.3	8
30	Change in levator ani muscle stiffness and active force during pregnancy and post-partum. <i>International Urogynecology Journal</i> , 2020 , 31, 2345-2351	2	2
29	The Use of an Intra-Vaginal Pressure Sensor Device To Evaluate Changes in Intra-Vaginal Pressure Profiles Pre and Post Pelvic Organ Prolapse Surgery 2019 ,		2
28	Data-driven modelling of fatigue in pelvic floor muscles when performing Kegel exercises 2019 ,		1
27	Can you train the pelvic floor muscles by contracting other related muscles?. <i>Neurourology and Urodynamics</i> , 2019 , 38, 677-683	2.3	11
26	Assessing exercises recommended for women at risk of pelvic floor disorders using multivariate statistical techniques. <i>International Urogynecology Journal</i> , 2018 , 29, 1447-1454	2	5
25	Pelvic Floor Morphometric Differences in Elderly Women with or without Urinary Incontinence. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2018 , 70, 49-56	0.8	3
24	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> , 2017 , 216, 274.e1-274.e8	6.4	22
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> , 2017 , 96, 1234-1242 ^{3.8}		14
22	Mathematical modeling of the female reproductive system: from oocyte to delivery. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017 , 9, e1353	6.6	5
21	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> , 2016 , 39, 339-347	1.3	5
20	Modeling the second stage of labor. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016 , 8, 506-516	6.6	4
19	Clinical evaluation of a high-fidelity wireless intravaginal pressure sensor. <i>International Urogynecology Journal</i> , 2015 , 26, 243-9	2	6

18	Effects of fetal head shape variation on the second stage of labour. <i>Journal of Biomechanics</i> , 2015 , 48, 1593-9	2.9	9
17	An automated hand-held elastometer for quantifying the passive stiffness of the levator ani muscle in women. <i>Neurourology and Urodynamics</i> , 2015 , 34, 133-8	2.3	20
16	Comparison between transperineal ultrasound and digital detection of levator ani trauma. Can we improve the odds?. <i>Neurourology and Urodynamics</i> , 2014 , 33, 307-11	2.3	12
15	Characterizing the ex vivo mechanical properties of synthetic polypropylene surgical mesh. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 37, 48-55	4.1	40
14	Design and development of a novel intra-vaginal pressure sensor. <i>International Urogynecology Journal</i> , 2013 , 24, 1715-21	2	17
13	The effect of pregnancy on hiatal dimensions and urethral mobility: an observational study. <i>International Urogynecology Journal</i> , 2012 , 23, 1561-7	2	57
12	Effects of Levator Ani Muscle Morphology on the Mechanics of Vaginal Childbirth 2012 , 63-75		1
11	Anisotropic effects of the levator ani muscle during childbirth. <i>Biomechanics and Modeling in Mechanobiology</i> , 2011 , 10, 485-94	3.8	26
10	A Quantitative Description of Pelvic Floor Muscle Fibre Organisation 2011 , 119-130		5
9	Effects of nonlinear muscle elasticity on pelvic floor mechanics during vaginal childbirth. <i>Journal of Biomechanical Engineering</i> , 2010 , 132, 111010	2.1	26
8	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> , 2010 , 36, 755-8	5.8	39
7	Modeling childbirth: elucidating the mechanisms of labor. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010 , 2, 460-470	6.6	25
6	Effects of Fetal Head Motion on Pelvic Floor Mechanics 2010 , 129-137		4
5	Modelling the pelvic floor for investigating difficulties during childbirth 2008 ,		8
4	Pelvic floor function in nulliparous women using three-dimensional ultrasound and magnetic resonance imaging. <i>Obstetrics and Gynecology</i> , 2008 , 111, 631-8	4.9	97
3	Modelling childbirth: comparing athlete and non-athlete pelvic floor mechanics. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 750-7	0.9	6
2	Pelvic floor function in elite nulliparous athletes. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007 , 30, 81-5	5.8	88
1	Alterations in levator ani morphology in elite nulliparous athletes: a pilot study. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005 , 45, 42-7	1.7	31

