

# Kevin M Hellman

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

915  
citations

516710

16  
h-index

477307

29  
g-index

46  
all docs

46  
docs citations

46  
times ranked

964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Evidence for a Role of CREB in Sustained Cortical Arousal. <i>Journal of Neurophysiology</i> , 2003, 90, 1152-1159.	1.8	109
2	Nonsteroidal antiinflammatory drug resistance in dysmenorrhea: epidemiology, causes, and treatment. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 390-400.	1.3	108
3	Adrenergic Signaling Plays a Critical Role in the Maintenance of Waking and in the Regulation of REM Sleep. <i>Journal of Neurophysiology</i> , 2004, 92, 2071-2082.	1.8	100
4	Fear conditioning increases NREM sleep. <i>Behavioral Neuroscience</i> , 2007, 121, 310-323.	1.2	54
5	The association of dysmenorrhea with noncyclic pelvic pain accounting for psychological factors. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 209, 422.e1-422.e10.	1.3	50
6	Differential transcriptional response to nonassociative and associative components of classical fear conditioning in the amygdala and hippocampus. <i>Learning and Memory</i> , 2006, 13, 135-142.	1.3	49
7	A Noninvasive Bladder Sensory Test Supports a Role for Dysmenorrhea Increasing Bladder Noxious Mechanosensitivity. <i>Clinical Journal of Pain</i> , 2013, 29, 883-890.	1.9	32
8	Computer models of hippocampal circuit changes of the kindling model of epilepsy. <i>Artificial Intelligence in Medicine</i> , 1998, 13, 81-97.	6.5	30
9	Multimodal nociceptive mechanisms underlying chronic pelvic pain. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 827.e1-827.e9.	1.3	28
10	Gynecologic management of neuropathic pain. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 435-443.	1.3	27
11	Identification of experimental bladder sensitivity among dysmenorrhea sufferers. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 84.e1-84.e8.	1.3	27
12	Dysmenorrhea subtypes exhibit differential quantitative sensory assessment profiles. <i>Pain</i> , 2020, 161, 1227-1236.	4.2	27
13	Opioids Disrupt Pro-Nociceptive Modulation Mediated by Raphe Magnus. <i>Journal of Neuroscience</i> , 2012, 32, 13668-13678.	3.6	26
14	Genetic Evidence for a Role for Protein Kinase A in the Maintenance of Sleep and Thalamocortical Oscillations. <i>Sleep</i> , 2010, 33, 19-28.	1.1	25
15	Raphe Magnus Neurons Help Protect Reactions to Visceral Pain From Interruption by Cutaneous Pain. <i>Journal of Neurophysiology</i> , 2006, 96, 3423-3432.	1.8	24
16	Noninvasive experimental bladder pain assessment in painful bladder syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 283-291.	2.3	17
17	Cine MRI during spontaneous cramps in women with menstrual pain. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 506.e1-506.e8.	1.3	17
18	The Effects of Platelet-Activating Factor on Uterine Contractility, Perfusion, Hypoxia, and Pain in Mice. <i>Reproductive Sciences</i> , 2018, 25, 384-394.	2.5	17

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19	Persistent autonomic dysfunction and bladder sensitivity in primary dysmenorrhea. <i>Scientific Reports</i> , 2019, 9, 2194.	3.3	17
20	Abdominal skeletal muscle activity precedes spontaneous menstrual cramping pain in primary dysmenorrhea. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 219, 91.e1-91.e7.	1.3	16
21	Mechanisms, diagnosis, prevention and management of perioperative opioid-induced hyperalgesia. <i>Pain Management</i> , 2021, 11, 405-417.	1.5	16
22	Clinical profile of comorbid dysmenorrhea and bladder sensitivity: a cross-sectional analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 594.e1-594.e11.	1.3	15
23	Activity of Murine Raphe Magnus Cells Predicts Tachypnea and On-Going Nociceptive Responsiveness. <i>Journal of Neurophysiology</i> , 2007, 98, 3121-3133.	1.8	14
24	Somatic symptoms in women with dysmenorrhea and noncyclic pelvic pain. <i>Archives of Women's Mental Health</i> , 2018, 21, 533-541.	2.6	13
25	Low Serum Oxytocin Concentrations Are Associated with Painful Menstruation. <i>Reproductive Sciences</i> , 2020, 27, 668-674.	2.5	8
26	Opioid microinjection into raphe magnus modulates cardiorespiratory function in mice and rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1400-R1408.	1.8	7
27	Primary Dysmenorrhea: Diagnosis and Therapy. <i>Obstetrics and Gynecology</i> , 2021, 137, 752-752.	2.4	7
28	Wikipedia: A Medical Student Educational Project to Edit Wikipedia in Preparation for Practicing Evidence-Based Pain Medicine. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052095969.	1.5	6
29	Generalized sensory sensitivity is associated with comorbid pain symptoms: a replication study in women with dysmenorrhea. <i>Pain</i> , 2023, 164, 142-148.	4.2	6
30	Low Serum Naproxen Concentrations Are Associated with Minimal Pain Relief: A Preliminary Study in Women with Dysmenorrhea. <i>Pain Medicine</i> , 2020, 21, 3102-3108.	1.9	4
31	Development and validation of a real-time method characterizing spontaneous pain in women with dysmenorrhea. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 1472-1480.	1.3	4
32	Noninvasive bladder testing of adolescent females to assess visceral hypersensitivity. <i>Pain</i> , 2022, 163, 100-109.	4.2	4
33	Cortical mechanisms of visual hypersensitivity in women at risk for chronic pelvic pain. <i>Pain</i> , 2022, 163, 1035-1048.	4.2	4
34	Circulating sex steroids and bladder pain sensitivity in dysmenorrhea. <i>Molecular Pain</i> , 2021, 17, 174480692110352.	2.1	4
35	Racial Distribution and Characterization of Pelvic Organ Prolapse in a Hospital-Based Subspecialty Clinic. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2021, 27, 147-150.	1.1	2
36	Reply. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 132-133.	1.3	0

#	ARTICLE	IF	CITATIONS
37	CINE MRI During Spontaneous Cramps in Women with Menstrual Pain [7Q]. <i>Obstetrics and Gynecology</i> , 2018, 131, 185S-186S.	2.4	0
38	(133) Preliminary Analysis of the Relationship between Refractory Menstrual Pain and Naproxen Metabolism. <i>Journal of Pain</i> , 2019, 20, S9-S10.	1.4	0
39	362 Functional MRI to assess third trimester placental oxygenation. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, S235-S236.	1.3	0
40	Mechanisms, Diagnosis, and Medical Management of Hyperalgesia: an Educational Review. <i>Current Anesthesiology Reports</i> , 0, , 1.	2.0	0
41	Menstrual Cycle Variation in MRI-Based Quantification of Intraluminal Gas in Women With and Without Dysmenorrhea. <i>Frontiers in Pain Research</i> , 2022, 3, .	2.0	0