

# Karen D Mccloskey

## List of Publications by Year in descending order

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45  
papers

2,094  
citations

257101

24  
h-index

233125

45  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of STING-Dependent Innate Immune Signaling By S-Phase-Specific DNA Damage in Breast Cancer. Journal of the National Cancer Institute, 2017, 109, djw199.	3.0	338
2	Kit Positive Cells In The Guinea Pig Bladder. Journal of Urology, 2002, 168, 832-836.	0.2	231
3	MORPHOLOGY AND LOCALIZATION OF INTERSTITIAL CELLS IN THE GUINEA PIG BLADDER: STRUCTURAL RELATIONSHIPS WITH SMOOTH MUSCLE AND NEURONS. Journal of Urology, 2005, 173, 1385-1390.	0.2	161
4	Interstitial cells in the urinary bladder—localization and function. Neurourology and Urodynamics, 2010, 29, 82-87.	0.8	126
5	Lamina propria: The functional center of the bladder?. Neurourology and Urodynamics, 2014, 33, 9-16.	0.8	123
6	Mechanisms of Disease: specialized interstitial cells of the urinary tract—an assessment of current knowledge. Nature Reviews Urology, 2005, 2, 546-554.	1.4	97
7	Kit positive cells in the guinea pig bladder. Journal of Urology, 2002, 168, 832-6.	0.2	91
8	Morphological Expression of KIT Positive Interstitial Cells of Cajal in Human Bladder. Journal of Urology, 2010, 184, 370-377.	0.2	62
9	Role of $\beta$ 63 in Epithelial to Mesenchymal Transition. Journal of Biological Chemistry, 2011, 286, 3915-3924.	1.6	59
10	CaV channels and cancer: canonical functions indicate benefits of repurposed drugs as cancer therapeutics. European Biophysics Journal, 2016, 45, 621-633.	1.2	53
11	Cholinergic-induced Ca <sup>2+</sup> signaling in interstitial cells of Cajal from the guinea pig bladder. American Journal of Physiology - Renal Physiology, 2008, 294, F645-F655.	1.3	51
12	Bladder interstitial cells: an updated review of current knowledge. Acta Physiologica, 2013, 207, 7-15.	1.8	48
13	KCNQ Currents and Their Contribution to Resting Membrane Potential and the Excitability of Interstitial Cells of Cajal From the Guinea Pig Bladder. Journal of Urology, 2009, 182, 330-336.	0.2	46
14	Identification of PDGFR $\alpha$ Positive Populations of Interstitial Cells in Human and Guinea Pig Bladders. Journal of Urology, 2012, 188, 639-647.	0.2	45
15	Functional expression of $KCNQ$ ( $K_{v7}$ ) channels in guinea pig bladder smooth muscle and their contribution to spontaneous activity. British Journal of Pharmacology, 2013, 169, 1290-1304.	2.7	45
16	Comparison of mechanical and electrical activity and interstitial cells of Cajal in urinary bladders from wild-type and $W/W^s$ mice. British Journal of Pharmacology, 2009, 156, 273-283.	2.7	44
17	Interstitial Cells of Cajal in the Urinary Tract. Handbook of Experimental Pharmacology, 2011, , 233-254.	0.9	42
18	The Role of Brain-Derived Neurotrophic Factor (BDNF) in the Development of Neurogenic Detrusor Overactivity (NDO). Journal of Neuroscience, 2015, 35, 2146-2160.	1.7	38

#	ARTICLE	IF	CITATIONS
19	CHARACTERIZATION OF OUTWARD CURRENTS IN INTERSTITIAL CELLS FROM THE GUINEA PIG BLADDER. Journal of Urology, 2005, 173, 296-301.	0.2	33
20	Calbindin 2 (CALB2) Regulates 5-Fluorouracil Sensitivity in Colorectal Cancer by Modulating the Intrinsic Apoptotic Pathway. PLoS ONE, 2011, 6, e20276.	1.1	33
21	Altered distribution of interstitial cells and innervation in the rat urinary bladder following spinal cord injury. Journal of Cellular and Molecular Medicine, 2012, 16, 1533-1543.	1.6	33
22	Calcium currents in interstitial cells from the guinea-pig bladder. BJU International, 2006, 97, 1338-1343.	1.3	32
23	Functional Innervation of Guinea-Pig Bladder Interstitial Cells of Cajal Subtypes: Neurogenic Stimulation Evokes In Situ Calcium Transients. PLoS ONE, 2013, 8, e53423.	1.1	30
24	Kit-positive interstitial cells in the rabbit urethra: structural relationships with nerves and smooth muscle. BJU International, 2007, 99, 687-694.	1.3	25
25	Kit Positive Cells In The Guinea Pig Bladder. Journal of Urology, 2002, , 832-836.	0.2	25
26	The passive and active contractile properties of the neurogenic, underactive bladder. BJU International, 2013, 111, 355-361.	1.3	22
27	Are oxidative stress and ischemia significant causes of bladder damage leading to lower urinary tract dysfunction? Report from the ICIâ€RS 2019. Neurourology and Urodynamics, 2020, 39, S16-S22.	0.8	21
28	Ultrastructural Properties of Interstitial Cells of Cajal in the Guinea Pig Bladder. Journal of Urology, 2011, 185, 1123-1131.	0.2	18
29	Calcium Channel Blocker Use and Risk of Prostate Cancer by <i>TMPRSS2:ERG</i> Gene Fusion Status. Prostate, 2017, 77, 282-290.	1.2	18
30	Spontaneous Activity and the Urinary Bladder. Advances in Experimental Medicine and Biology, 2019, 1124, 121-147.	0.8	17
31	What are the origins and relevance of spontaneous bladder contractions? ICIâ€RS 2017. Neurourology and Urodynamics, 2018, 37, S13-S19.	0.8	14
32	New targets for overactive bladderâ€”ICIâ€RS 2109. Neurourology and Urodynamics, 2020, 39, S113-S121.	0.8	11
33	Vitamin D3 suppresses morphological evolution of the cribriform cancerous phenotype. Oncotarget, 2016, 7, 49042-49064.	0.8	9
34	Dysfunctional bladder neurophysiology in urofacial syndrome Hpse2 mutant mice. Neurourology and Urodynamics, 2020, 39, 1930-1938.	0.8	8
35	Acute radiation impacts contractility of guinea-pig bladder strips affecting mucosal-detrusor interactions. PLoS ONE, 2018, 13, e0193923.	1.1	7
36	Can radiationâ€”induced lower urinary tract disease be ameliorated in patients treated for pelvic organ cancer: ICIâ€RS 2019?. Neurourology and Urodynamics, 2020, 39, S148-S155.	0.8	6

#	ARTICLE	IF	CITATIONS
37	Purinergic signalling in the urinary bladder – When function becomes dysfunction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102852.	1.4	6
38	Is electrolyte transfer across the urothelium important?: ICIERS 2015. <i>Neurourology and Urodynamics</i> , 2017, 36, 863-868.	0.8	5
39	Mucosal modulation of contractility in bladder strips from normal and overactive rat models and the effect of botulinum toxin A on overactive bladder strips. <i>Neurourology and Urodynamics</i> , 2017, 36, 1052-1060.	0.8	5
40	Dual effects of radiation bystander signaling in urothelial cancer: purinergic-activation of apoptosis attenuates survival of urothelial cancer and normal urothelial cells. <i>Oncotarget</i> , 2017, 8, 97331-97343.	0.8	5
41	Interstitial Cells and Bladder Pathophysiology – Passive Bystanders or Active Participants?. <i>Journal of Urology</i> , 2011, 185, 1562-1563.	0.2	4
42	ICIERS 2019 nocturia think tank: How can experimental science guide us in understanding the pathophysiology of nocturia?. <i>Neurourology and Urodynamics</i> , 2020, 39, S88-S95.	0.8	4
43	Exploring perceived support of postgraduate medical science research students. <i>Journal of Further and Higher Education</i> , 2018, 42, 454-466.	1.4	1
44	The detrusor-free bladder – it can still hold its water. <i>Journal of Physiology</i> , 2019, 597, 1427-1428.	1.3	1
45	Should we be revisiting LUT basic science and clinical measurement of LUT sensation to improve patient care? ICIERS 2019. <i>Neurourology and Urodynamics</i> , 2020, 39, S23-S29.	0.8	1