

Catherine M Mcdermott

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

4,175
citations

471509

17
h-index

302126

39
g-index

41
all docs

41
docs citations

41
times ranked

10876
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Cellular Effects of Pyocyanin, a Secreted Virulence Factor of <i>Pseudomonas aeruginosa</i> . <i>Toxins</i> , 2016, 8, 236.	3.4	269
3	Molecular Mechanisms Underlying the Effects of Statins in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2014, 15, 20607-20637.	4.1	133
4	A review of the bioactivity of coffee, caffeine and key coffee constituents on inflammatory responses linked to depression. <i>Food Research International</i> , 2015, 76, 626-636.	6.2	82
5	Protection against Radiotherapy-Induced Toxicity. <i>Antioxidants</i> , 2016, 5, 22.	5.1	56
6	Pyocyanin-induced toxicity in A549 respiratory cells is causally linked to oxidative stress. <i>Toxicology in Vitro</i> , 2011, 25, 1353-1358.	2.4	50
7	Novel insights into the mechanism of cyclophosphamide-induced bladder toxicity: chloroacetaldehyde's contribution to urothelial dysfunction in vitro. <i>Archives of Toxicology</i> , 2019, 93, 3291-3303.	4.2	42
8	Effects of <i>Pseudomonas Aeruginosa</i> Virulence Factor Pyocyanin on Human Urothelial Cell Function and Viability. <i>Journal of Urology</i> , 2012, 187, 1087-1093.	0.4	30
9	Induction of inflammatory cytokines and alteration of urothelial ATP, acetylcholine and prostaglandin E2 release by doxorubicin. <i>European Journal of Pharmacology</i> , 2013, 700, 102-109.	3.5	27
10	Chronic psychological stress and lower urinary tract symptoms. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2021, 13, 414-424.	1.3	27
11	The Role of α 1-Adrenoceptor Antagonists in the Treatment of Prostate and Other Cancers. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1339.	4.1	26
12	Alterations in acetylcholine, PGE2 and IL6 release from urothelial cells following treatment with pyocyanin and lipopolysaccharide. <i>Toxicology in Vitro</i> , 2013, 27, 1693-1698.	2.4	25
13	Sub-chronic toxicity of low concentrations of industrial volatile organic pollutants in vitro. <i>Toxicology and Applied Pharmacology</i> , 2007, 219, 85-94.	2.8	24
14	Relative cytotoxic potencies and cell death mechanisms of α 1-adrenoceptor antagonists in prostate cancer cell lines. <i>Prostate</i> , 2016, 76, 757-766.	2.3	22
15	n-Hexane toxicity in Jurkat T-cells is mediated by reactive oxygen species. <i>Archives of Toxicology</i> , 2008, 82, 165-171.	4.2	21
16	Validation of a method for acute and subchronic exposure of cells in vitro to volatile organic solvents. <i>Toxicology in Vitro</i> , 2007, 21, 116-124.	2.4	19
17	Toxicity of Industrially Relevant Chlorinated Organic Solvents In Vitro. <i>International Journal of Toxicology</i> , 2013, 32, 136-145.	1.2	19
18	Bladder overactivity induced by psychological stress in female mice is associated with enhanced bladder contractility. <i>Life Sciences</i> , 2021, 265, 118735.	4.3	16

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19	Paradoxical Role of 3-Methyladenine in Pyocyanin-Induced Toxicity in 1321N1 Astrocytoma and SH-SY5Y Neuroblastoma Cells. <i>International Journal of Toxicology</i> , 2013, 32, 209-218.	1.2	15
20	Paradoxical effects of the autophagy inhibitor 3-methyladenine on docetaxel-induced toxicity in PC-3 and LNCaP prostate cancer cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 793-799.	3.0	13
21	Hypersensitivity of bladder low threshold, wide dynamic range, afferent fibres following treatment with the chemotherapeutic drugs cyclophosphamide and ifosfamide. <i>Archives of Toxicology</i> , 2020, 94, 2785-2797.	4.2	12
22	Psychological stress induced bladder overactivity in female mice is associated with enhanced afferent nerve activity. <i>Scientific Reports</i> , 2021, 11, 17508.	3.3	11
23	In Vitro Exposure of Jurkat T-Cells to Industrially Important Organic Solvents in Binary Combination: Interaction Analysis. <i>Toxicological Sciences</i> , 2008, 101, 263-274.	3.1	10
24	Luminal DMSO: Effects on Detrusor and Urothelial/Lamina Propria Function. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	10
25	ERK1/2 activation modulates pyocyanin-induced toxicity in A549 respiratory epithelial cells. <i>Chemico-Biological Interactions</i> , 2014, 208, 58-63.	4.0	10
26	Prazosin but Not Tamsulosin Sensitises PC-3 and LNCaP Prostate Cancer Cells to Docetaxel. <i>Pharmacology</i> , 2018, 102, 17-25.	2.2	10
27	Voiding Behavior and Efferent Bladder Function Altered in Mice Following Social Defeat but Not Witness Trauma. <i>Frontiers in Physiology</i> , 2020, 11, 247.	2.8	9
28	Gemcitabine: Selective cytotoxicity, induction of inflammation and effects on urothelial function. <i>Toxicology and Applied Pharmacology</i> , 2017, 316, 1-9.	2.8	8
29	Ibuprofen Decreases Spontaneous Activity and Enhances Nerve-Evoked Contractions to Minimize Mitomycin C-Induced Bladder Dysfunction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 366, 282-290.	2.5	8
30	A Pilot retrospective analysis of alpha-blockers on recurrence in men with localised prostate cancer treated with radiotherapy. <i>Scientific Reports</i> , 2020, 10, 8191.	3.3	8
31	Effect of short-term androgen deficiency on bladder contractility and urothelial mediator release. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 547-556.	3.0	7
32	Diabetes-induced alterations in urothelium function: Enhanced ATP release and nerve-evoked contractions in the streptozotocin rat bladder. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 1161-1169.	1.9	7
33	Enhanced urothelial ATP release and contraction following intravesical treatment with the cytotoxic drug, doxorubicin. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 773-780.	3.0	6
34	The COX-2 inhibitor NS398 selectively sensitizes hypoxic HeLa cells to ionising radiation by mechanisms both dependent and independent of COX-2. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 148, 106422.	1.9	5
35	The anxiolytic sertraline reduces the impact of psychological stress on bladder function in mice. <i>Life Sciences</i> , 2021, 278, 119598.	4.3	5
36	Recovery of urothelial mediator release but prolonged elevations in interleukin-8 and nitric oxide secretion following mitomycin C treatment. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 781-791.	3.0	4

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37	Quinazoline alpha-adrenoreceptor blockers as an adjunct cancer treatment: From bench to bedside. European Journal of Pharmacology, 2021, 893, 173831.	3.5	4
38	Elevated release of inflammatory but not sensory mediators from the urothelium is maintained following epirubicin treatment. European Journal of Pharmacology, 2019, 863, 172703.	3.5	2
39	Partial recovery of voiding function in female mice following repeated psychological stress exposure. PLoS ONE, 2022, 17, e0266458.	2.5	1
40	A central role for Toll-like 4 receptors in interstitial cystitis?. American Journal of Physiology - Renal Physiology, 2018, 315, F910-F912.	2.7	0
41	Ibuprofen reduces spontaneous activity and enhances nerve evoked contractions to minimise mitomycin C induced bladder dysfunction. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-4-3.	0.0	0