Dominick Burton

List of Publications by Citations

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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.

19 papers	1,234 citations	17 h-index	19 g-index
19 ext. papers	1,456 ext. citations	6.5 avg, IF	5.02 L-index

#	Paper	IF	Citations
19	NKG2D ligands mediate immunosurveillance of senescent cells. *Aging*, **2016**, 8, 328-44	5.6	148
18	Physiological and pathological consequences of cellular senescence. *Cellular and Molecular Life Sciences*, **2014**, 71, 4373-86	10.3	137
17	Cellular senescence: Immunosurveillance and future immunotherapy. *Ageing Research Reviews*, **2018**, 43, 17-25	12	101
16	Enhanced elimination of oxidized guanine nucleotides inhibits oncogenic RAS-induced DNA damage and premature senescence. *Oncogene*, **2011**, 30, 1489-96	9.2	94
15	Cellular senescence, ageing and disease. *Age*, **2009**, 31, 1-9		92
14	Pathophysiology of vascular calcification: Pivotal role of cellular senescence in vascular smooth muscle cells. *Experimental Gerontology*, **2010**, 45, 819-24	4.5	84
13	Senescent cells communicate via intercellular protein transfer. *Genes and Development*, **2015**, 29, 791-802	12.6	82
12	Lipid (per) oxidation in mitochondria: an emerging target in the ageing process?. *Biogerontology*, **2017**, 18, 859-879	4.5	79
11	Microarray analysis of senescent vascular smooth muscle cells: A link to atherosclerosis and vascular calcification. *Experimental Gerontology*, **2009**, 44, 659-65	4.5	79
10	Obesity and type-2 diabetes as inducers of premature cellular senescence and ageing. *Biogerontology*, **2018**, 19, 447-459	4.5	74
9	MutT Homolog 1 (MTH1) maintains multiple KRAS-driven pro-malignant pathways. *Oncogene*, **2015**, 34, 2586-96	9.2	64
8	Cellular senescence: from growth arrest to immunogenic conversion. *Age*, **2015**, 37, 27		53
7	Cyclin D1 overexpression permits the reproducible detection of senescent human vascular smooth muscle cells. *Annals of the New York Academy of Sciences*, **2007**, 1119, 20-31	6.5	37
6	Androgen deprivation-induced senescence promotes outgrowth of androgen-refractory prostate cancer cells. *PLoS ONE*, **2013**, 8, e68003	3.7	34
5	An oligoclonal antibody durably overcomes resistance of lung cancer to third-generation EGFR inhibitors. *EMBO Molecular Medicine*, **2018**, 10, 294-308	12	21
4	Bridging the gap: ageing, pharmacokinetics and pharmacodynamics. *Journal of Pharmacy and Pharmacology*, **2005**, 57, 671-9	4.8	20
3	Resveratrol, but not dihydroresveratrol, induces premature senescence in primary human fibroblasts. *Age*, **2011**, 33, 555-64		19

2	MTH1 counteracts oncogenic oxidative stress. *Oncoscience*, **2015**, 2, 785-6	0.8	13
1	Personalising nutrition for older adults: The InCluSilver project. *Nutrition Bulletin*, **2018**, 43, 442-455	3.5	3