Douglas A Gray

List of Publications by Year in Descending Order

71 papers	2,474 citations	24 h-index	49 g-index
75 ext. papers	2,687 ext. citations	7.3 avg, IF	4.65 L-index

#	Paper	IF	Citations
71	When killers become thieves: Trogocytosed PD-1 inhibits NK cells in cancer.. *Science Advances*, **2022**, 8, eabj3286	14.3	3
70	What deubiquitinating enzymes, oncogenes, and tumor suppressors actually do: Are current assumptions supported by patient outcomes?. *BioEssays*, **2021**, 43, e2000269	4.1	0
69	Nuclear IMPDH Filaments in Human Gliomas. *Journal of Neuropathology and Experimental Neurology*, **2021**, 80, 944-954	3.1	1
68	Metformin Abrogates Age-Associated Ovarian Fibrosis. *Clinical Cancer Research*, **2020**, 26, 632-642	12.9	23
67	Deubiquitinating Enzymes in Model Systems and Therapy: Redundancy and Compensation Have Implications. *BioEssays*, **2019**, 41, e1900112	4.1	3
66	Engineering PTEN-L for Cell-Mediated Delivery. *Molecular Therapy - Methods and Clinical Development*, **2018**, 9, 12-22	6.4	9
65	Pulmonary inflammation-induced loss and subsequent recovery of skeletal muscle mass require functional poly-ubiquitin conjugation. *Respiratory Research*, **2018**, 19, 80	7.3	9
64	Hyperfiltration in ubiquitin C-terminal hydrolase L1-deleted mice. *Clinical Science*, **2018**, 132, 1453-1470	6.5	2
63	Ubiquitin COOH-terminal hydrolase L1 deletion is associated with urinary klotho deficiency and perturbed phosphate homeostasis. *American Journal of Physiology - Renal Physiology*, **2018**, 315, F353-F363	4.3	2
62	The evolution and functional diversification of the deubiquitinating enzyme superfamily. *Genome Biology and Evolution*, **2017**, 9, 558-573	3.9	22
61	Depletion of Beta Cell Intranuclear Rodlets in Human Type II Diabetes. *Endocrine Pathology*, **2017**, 28, 282-286	4.2	1
60	Reversible modulation of SIRT1 activity in a mouse strain. *PLoS ONE*, **2017**, 12, e0173002	3.7	7
59	Selection preserves Ubiquitin Specific Protease 4 alternative exon skipping in therian mammals. *Scientific Reports*, **2016**, 6, 20039	4.9	21
58	Protection against murine osteoarthritis by inhibition of the 26S proteasome and lysine-48 linked ubiquitination. *Annals of the Rheumatic Diseases*, **2015**, 74, 1580-7	2.4	24
57	Ubiquitin C-terminal hydrolase 1: A novel functional marker for liver myofibroblasts and a therapeutic target in chronic liver disease. *Journal of Hepatology*, **2015**, 63, 1421-8	13.4	31
56	Evolution of the highly networked deubiquitinating enzymes USP4, USP15, and USP11. *BMC Evolutionary Biology*, **2015**, 15, 230	3	44
55	Protective effect of vagotomy suggests source organ for Parkinson disease. *Annals of Neurology*, **2015**, 78, 834-5	9.4	10

54	Loss of UCHL1 promotes age-related degenerative changes in the enteric nervous system. *Frontiers in Aging Neuroscience*, **2014**, 6, 129	5.3	23
53	Reply to: alimentary, my dear Watson? The challenges of enteric -synuclein as a Parkinson's disease biomarker. *Movement Disorders*, **2014**, 29, 1224-5	7	2
52	Alpha-synuclein in the appendiceal mucosa of neurologically intact subjects. *Movement Disorders*, **2014**, 29, 991-8	7	88
51	Ubiquitin C-terminal hydrolase L1 deletion ameliorates glomerular injury in mice with ACTN4-associated focal segmental glomerulosclerosis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 1028-40	6.9	8
50	Hypothesis: a role for EBV-induced molecular mimicry in Parkinson's disease. *Parkinsonism and Related Disorders*, **2014**, 20, 685-94	3.6	36
49	SIRT1 is a Highly Networked Protein That Mediates the Adaptation to Chronic Physiological Stress. *Genes and Cancer*, **2013**, 4, 125-34	2.9	44
48	Structural disorder and the loss of RNA homeostasis in aging and neurodegenerative disease. *Frontiers in Genetics*, **2013**, 4, 149	4.5	4
47	Investigating interventions in Alzheimer's disease with computer simulation models. *PLoS ONE*, **2013**, 8, e73631	3.7	23
46	Ubiquitin-Specific Proteases 4 and 15 **2013**, 2052-2057		
45	A unifying hypothesis for familial and sporadic Alzheimer's disease. *International Journal of Alzheimer's Disease*, **2012**, 2012, 978742	3.7	6
44	NF-B activation and polyubiquitin conjugation are required for pulmonary inflammation-induced diaphragm atrophy. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2012**, 302, L103-10	5.8	30
43	Dysfunction of the Ubiquitin/Proteasome System and Mitochondria in Neurodegenerative Disease **2012**, 141-155		
42	Akt promotes chemoresistance in human ovarian cancer cells by modulating cisplatin-induced, p53-dependent ubiquitination of FLICE-like inhibitory protein. *Oncogene*, **2010**, 29, 11-25	9.2	93
41	FUS-immunoreactive intranuclear inclusions in neurodegenerative disease. *Brain Pathology*, **2010**, 20, 589-97	6	78
40	Experimental and computational analysis of polyglutamine-mediated cytotoxicity. *PLoS Computational Biology*, **2010**, 6, e1000944	5	11
39	Coordination of glioblastoma cell motility by PKC *Molecular Cancer*, **2010**, 9, 233	42.1	19
38	Regulation of PCNA polyubiquitination in human cells. *BMC Research Notes*, **2010**, 3, 85	2.3	19
37	GSK3 and p53 - is there a link in Alzheimer's disease?. *Molecular Neurodegeneration*, **2010**, 5, 7	19	51

36	Explaining oscillations and variability in the p53-Mdm2 system. *BMC Systems Biology*, **2008**, 2, 75	3.5	80
35	Cisplatin induces p53-dependent FLICE-like inhibitory protein ubiquitination in ovarian cancer cells. *Cancer Research*, **2008**, 68, 4511-7	10.1	68
34	Activation of p38MAPK contributes to expanded polyglutamine-induced cytotoxicity. *PLoS ONE*, **2008**, 3, e2130	3.7	11
33	hMMS2 serves a redundant role in human PCNA polyubiquitination. *BMC Molecular Biology*, **2008**, 9, 24	4.5	14
32	An in silico model of the ubiquitin-proteasome system that incorporates normal homeostasis and age-related decline. *BMC Systems Biology*, **2007**, 1, 17	3.5	28
31	Formation of lysine 63-linked poly-ubiquitin chains protects human lung cells against benzo[a]pyrene-diol-epoxide-induced mutagenicity. *DNA Repair*, **2007**, 6, 852-62	4.3	9
30	Lysine 63-polyubiquitination guards against translesion synthesis-induced mutations. *PLoS Genetics* , **2006**, 2, e116	6	93
29	Delayed spinocerebellar ataxia in transgenic mice expressing mutant ubiquitin. *Neuropathology and Applied Neurobiology*, **2006**, 32, 26-39	5.2	10
28	SENS and the polarization of aging-related research. *Science of Aging Knowledge Environment: SAGE KE*, **2006**, 2006, pe8		1
27	Effect of ubiquitin expression on neuropathogenesis in a mouse model of familial amyotrophic lateral sclerosis. *Neuropathology and Applied Neurobiology*, **2005**, 31, 20-33	5.2	14
26	Lipofuscin and aging: a matter of toxic waste. *Science of Aging Knowledge Environment: SAGE KE*, **2005**, 2005, re1		113
25	Transgenic manipulation of the ubiquitin□proteasome system. *Essays in Biochemistry*, **2005**, 41, 129-138	7.6	
24	Transgenic manipulation of the ubiquitin-proteasome system. *Essays in Biochemistry*, **2005**, 41, 129-38	7.6	
23	Interference with ubiquitination causes oxidative damage and increased protein nitration: implications for neurodegenerative diseases. *Journal of Neurochemistry*, **2004**, 90, 422-30	6	30
22	Protective effects of mutant ubiquitin in transgenic mice. *Annals of the New York Academy of Sciences*, **2004**, 1019, 215-8	6.5	7
21	Maneuvering for advantage: the genetics of mouse susceptibility to virus infection. *Trends in Genetics*, **2003**, 19, 447-57	8.5	10
20	Bone marrow-derived stem cells initiate pancreatic regeneration. *Nature Biotechnology*, **2003**, 21, 763-70	44.5	510
19	Expression of a K48R mutant ubiquitin protects mouse testis from cryptorchid injury and aging. *American Journal of Pathology*, **2003**, 163, 2595-603	5.8	22

18	Stimulation of the murine Uchl1 gene promoter by the B-Myb transcription factor. *Lung Cancer*, **2003**, 42, 9-21	5.9	14
17	Effects of mutant ubiquitin on ts1 retrovirus-mediated neuropathology. *Journal of Virology*, **2003**, 77, 7193-201	6.6	11
16	Ubiquitin, proteasomes, and the aging brain. *Science of Aging Knowledge Environment: SAGE KE*, **2003**, 2003, RE6		58
15	Damage control--a possible non-proteolytic role for ubiquitin in limiting neurodegeneration. *Neuropathology and Applied Neurobiology*, **2001**, 27, 89-94	5.2	15
14	Association of UNP, a ubiquitin-specific protease, with the pocket proteins pRb, p107 and p130. *Oncogene*, **2001**, 20, 5533-7	9.2	25
13	Sensitivity of mammalian cells expressing mutant ubiquitin to protein-damaging agents. *Journal of Biological Chemistry*, **2001**, 276, 46073-8	5.4	72
12	Characterization of transgenic mice with targeted disruption of the catalytic domain of the double-stranded RNA-dependent protein kinase, PKR. *Journal of Biological Chemistry*, **1999**, 274, 5953-62	5.4	193
11	Genomic structure of Unp, a murine gene encoding a ubiquitin-specific protease. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1998**, 1398, 9-17		9
10	A ubiquitin-specific protease that efficiently cleaves the ubiquitin-proline bond. *Journal of Biological Chemistry*, **1997**, 272, 32280-5	5.4	42
9	Proviral inactivation of the Npat gene of Mpv 20 mice results in early embryonic arrest. *Molecular and Cellular Biology*, **1997**, 17, 4080-6	4.8	25
8	Replication of a Moloney murine leukemia virus mutant lacking the ELP binding site. *Virology*, **1994**, 203, 162-5	3.6	
7	Identification of a DNA region required for growth of Pseudomonas syringae pv. tomato on tomato plants. *Canadian Journal of Microbiology*, **1992**, 38, 883-890	3.2	5
6	Insertional mutagenesis: neoplasia arising from retroviral integration. *Cancer Investigation*, **1991**, 9, 295-304	2.1	17
5	Transgenic mouse model of kidney disease: insertional inactivation of ubiquitously expressed gene leads to nephrotic syndrome. *Cell*, **1990**, 62, 425-34	56.2	151
4	A common mouse mammary tumor virus integration site in chemically induced precancerous mammary hyperplasias. *Virology*, **1986**, 148, 360-8	3.6	34
3	Restriction endonuclease map of endogenous mouse mammary tumor virus loci in GR, DBA, and NFS mice. *Virology*, **1986**, 148, 237-42	3.6	12
2	Activation of int-1 and int-2 loci in GRf mammary tumors. *Virology*, **1986**, 154, 271-8	3.6	18
1	Mouse mammary tumor virus DNA sequences in tumorigenic and nontumorigenic cells from a mammary adenocarcinoma. *Virology*, **1982**, 118, 117-27	3.6	6