

# Douglas A Gray

## List of Publications by Citations

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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	Bone marrow-derived stem cells initiate pancreatic regeneration. <i>Nature Biotechnology</i> , <b>2003</b> , 21, 763-70	44.5	510
70	Characterization of transgenic mice with targeted disruption of the catalytic domain of the double-stranded RNA-dependent protein kinase, PKR. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 5953-62	5.4	193
69	Transgenic mouse model of kidney disease: insertional inactivation of ubiquitously expressed gene leads to nephrotic syndrome. <i>Cell</i> , <b>1990</b> , 62, 425-34	56.2	151
68	Lipofuscin and aging: a matter of toxic waste. <i>Science of Aging Knowledge Environment: SAGE KE</i> , <b>2005</b> , 2005, re1		113
67	Akt promotes chemoresistance in human ovarian cancer cells by modulating cisplatin-induced, p53-dependent ubiquitination of FLICE-like inhibitory protein. <i>Oncogene</i> , <b>2010</b> , 29, 11-25	9.2	93
66	Lysine 63-polyubiquitination guards against translesion synthesis-induced mutations. <i>PLoS Genetics</i> , <b>2006</b> , 2, e116	6	93
65	Alpha-synuclein in the appendiceal mucosa of neurologically intact subjects. <i>Movement Disorders</i> , <b>2014</b> , 29, 991-8	7	88
64	Explaining oscillations and variability in the p53-Mdm2 system. <i>BMC Systems Biology</i> , <b>2008</b> , 2, 75	3.5	80
63	FUS-immunoreactive intranuclear inclusions in neurodegenerative disease. <i>Brain Pathology</i> , <b>2010</b> , 20, 589-97	6	78
62	Sensitivity of mammalian cells expressing mutant ubiquitin to protein-damaging agents. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 46073-8	5.4	72
61	Cisplatin induces p53-dependent FLICE-like inhibitory protein ubiquitination in ovarian cancer cells. <i>Cancer Research</i> , <b>2008</b> , 68, 4511-7	10.1	68
60	Ubiquitin, proteasomes, and the aging brain. <i>Science of Aging Knowledge Environment: SAGE KE</i> , <b>2003</b> , 2003, RE6		58
59	GSK3 and p53 - is there a link in Alzheimer's disease?. <i>Molecular Neurodegeneration</i> , <b>2010</b> , 5, 7	19	51
58	SIRT1 is a Highly Networked Protein That Mediates the Adaptation to Chronic Physiological Stress. <i>Genes and Cancer</i> , <b>2013</b> , 4, 125-34	2.9	44
57	Evolution of the highly networked deubiquitinating enzymes USP4, USP15, and USP11. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 230	3	44
56	A ubiquitin-specific protease that efficiently cleaves the ubiquitin-proline bond. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 32280-5	5.4	42
55	Hypothesis: a role for EBV-induced molecular mimicry in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , <b>2014</b> , 20, 685-94	3.6	36

54	A common mouse mammary tumor virus integration site in chemically induced precancerous mammary hyperplasias. <i>Virology</i> , <b>1986</b> , 148, 360-8	3.6	34
53	Ubiquitin C-terminal hydrolase 1: A novel functional marker for liver myofibroblasts and a therapeutic target in chronic liver disease. <i>Journal of Hepatology</i> , <b>2015</b> , 63, 1421-8	13.4	31
52	NF- $\kappa$ B activation and polyubiquitin conjugation are required for pulmonary inflammation-induced diaphragm atrophy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L103-10	5.8	30
51	Interference with ubiquitination causes oxidative damage and increased protein nitration: implications for neurodegenerative diseases. <i>Journal of Neurochemistry</i> , <b>2004</b> , 90, 422-30	6	30
50	An in silico model of the ubiquitin-proteasome system that incorporates normal homeostasis and age-related decline. <i>BMC Systems Biology</i> , <b>2007</b> , 1, 17	3.5	28
49	Proviral inactivation of the Npat gene of Mpv 20 mice results in early embryonic arrest. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 4080-6	4.8	25
48	Association of UNP, a ubiquitin-specific protease, with the pocket proteins pRb, p107 and p130. <i>Oncogene</i> , <b>2001</b> , 20, 5533-7	9.2	25
47	Protection against murine osteoarthritis by inhibition of the 26S proteasome and lysine-48 linked ubiquitination. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 1580-7	2.4	24
46	Loss of UCHL1 promotes age-related degenerative changes in the enteric nervous system. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 129	5.3	23
45	Investigating interventions in Alzheimer's disease with computer simulation models. <i>PLoS ONE</i> , <b>2013</b> , 8, e73631	3.7	23
44	Metformin Abrogates Age-Associated Ovarian Fibrosis. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 632-642	12.9	23
43	The evolution and functional diversification of the deubiquitinating enzyme superfamily. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 558-573	3.9	22
42	Expression of a K48R mutant ubiquitin protects mouse testis from cryptorchid injury and aging. <i>American Journal of Pathology</i> , <b>2003</b> , 163, 2595-603	5.8	22
41	Selection preserves Ubiquitin Specific Protease 4 alternative exon skipping in therian mammals. <i>Scientific Reports</i> , <b>2016</b> , 6, 20039	4.9	21
40	Coordination of glioblastoma cell motility by PKC $\delta$ . <i>Molecular Cancer</i> , <b>2010</b> , 9, 233	42.1	19
39	Regulation of PCNA polyubiquitination in human cells. <i>BMC Research Notes</i> , <b>2010</b> , 3, 85	2.3	19
38	Activation of int-1 and int-2 loci in GRF mammary tumors. <i>Virology</i> , <b>1986</b> , 154, 271-8	3.6	18
37	Insertional mutagenesis: neoplasia arising from retroviral integration. <i>Cancer Investigation</i> , <b>1991</b> , 9, 295-304	30.4	17

36	Damage control--a possible non-proteolytic role for ubiquitin in limiting neurodegeneration. <i>Neuropathology and Applied Neurobiology</i> , <b>2001</b> , 27, 89-94	5.2	15
35	hMMS2 serves a redundant role in human PCNA polyubiquitination. <i>BMC Molecular Biology</i> , <b>2008</b> , 9, 24	4.5	14
34	Stimulation of the murine Uchl1 gene promoter by the B-Myb transcription factor. <i>Lung Cancer</i> , <b>2003</b> , 42, 9-21	5.9	14
33	Effect of ubiquitin expression on neuropathogenesis in a mouse model of familial amyotrophic lateral sclerosis. <i>Neuropathology and Applied Neurobiology</i> , <b>2005</b> , 31, 20-33	5.2	14
32	Restriction endonuclease map of endogenous mouse mammary tumor virus loci in GR, DBA, and NFS mice. <i>Virology</i> , <b>1986</b> , 148, 237-42	3.6	12
31	Experimental and computational analysis of polyglutamine-mediated cytotoxicity. <i>PLoS Computational Biology</i> , <b>2010</b> , 6, e1000944	5	11
30	Activation of p38MAPK contributes to expanded polyglutamine-induced cytotoxicity. <i>PLoS ONE</i> , <b>2008</b> , 3, e2130	3.7	11
29	Effects of mutant ubiquitin on ts1 retrovirus-mediated neuropathology. <i>Journal of Virology</i> , <b>2003</b> , 77, 7193-201	6.6	11
28	Protective effect of vagotomy suggests source organ for Parkinson disease. <i>Annals of Neurology</i> , <b>2015</b> , 78, 834-5	9.4	10
27	Delayed spinocerebellar ataxia in transgenic mice expressing mutant ubiquitin. <i>Neuropathology and Applied Neurobiology</i> , <b>2006</b> , 32, 26-39	5.2	10
26	Maneuvering for advantage: the genetics of mouse susceptibility to virus infection. <i>Trends in Genetics</i> , <b>2003</b> , 19, 447-57	8.5	10
25	Engineering PTEN-L for Cell-Mediated Delivery. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2018</b> , 9, 12-22	6.4	9
24	Pulmonary inflammation-induced loss and subsequent recovery of skeletal muscle mass require functional poly-ubiquitin conjugation. <i>Respiratory Research</i> , <b>2018</b> , 19, 80	7.3	9
23	Genomic structure of Unp, a murine gene encoding a ubiquitin-specific protease. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1998</b> , 1398, 9-17		9
22	Formation of lysine 63-linked poly-ubiquitin chains protects human lung cells against benzo[a]pyrene-diol-epoxide-induced mutagenicity. <i>DNA Repair</i> , <b>2007</b> , 6, 852-62	4.3	9
21	Ubiquitin C-terminal hydrolase L1 deletion ameliorates glomerular injury in mice with ACTN4-associated focal segmental glomerulosclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 1028-40	6.9	8
20	Protective effects of mutant ubiquitin in transgenic mice. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1019, 215-8	6.5	7
19	Reversible modulation of SIRT1 activity in a mouse strain. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173002	3.7	7

18	A unifying hypothesis for familial and sporadic Alzheimer's disease. <i>International Journal of Alzheimer's Disease</i> , <b>2012</b> , 2012, 978742	3.7	6
17	Mouse mammary tumor virus DNA sequences in tumorigenic and nontumorigenic cells from a mammary adenocarcinoma. <i>Virology</i> , <b>1982</b> , 118, 117-27	3.6	6
16	Identification of a DNA region required for growth of <i>Pseudomonas syringae</i> pv. tomato on tomato plants. <i>Canadian Journal of Microbiology</i> , <b>1992</b> , 38, 883-890	3.2	5
15	Structural disorder and the loss of RNA homeostasis in aging and neurodegenerative disease. <i>Frontiers in Genetics</i> , <b>2013</b> , 4, 149	4.5	4
14	Deubiquitinating Enzymes in Model Systems and Therapy: Redundancy and Compensation Have Implications. <i>BioEssays</i> , <b>2019</b> , 41, e1900112	4.1	3
13	When killers become thieves: Trogocytosed PD-1 inhibits NK cells in cancer.. <i>Science Advances</i> , <b>2022</b> , 8, eabj3286	14.3	3
12	Hyperfiltration in ubiquitin C-terminal hydrolase L1-deleted mice. <i>Clinical Science</i> , <b>2018</b> , 132, 1453-1470	6.5	2
11	Ubiquitin COOH-terminal hydrolase L1 deletion is associated with urinary Klotho deficiency and perturbed phosphate homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2018</b> , 315, F353-F363	4.3	2
10	Reply to: alimentary, my dear Watson? The challenges of enteric Synuclein as a Parkinson's disease biomarker. <i>Movement Disorders</i> , <b>2014</b> , 29, 1224-5	7	2
9	Depletion of Beta Cell Intranuclear Rodlets in Human Type II Diabetes. <i>Endocrine Pathology</i> , <b>2017</b> , 28, 282-286	4.2	1
8	SENS and the polarization of aging-related research. <i>Science of Aging Knowledge Environment: SAGE KE</i> , <b>2006</b> , 2006, pe8		1
7	Nuclear IMPDH Filaments in Human Gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2021</b> , 80, 944-954	3.1	1
6	What deubiquitinating enzymes, oncogenes, and tumor suppressors actually do: Are current assumptions supported by patient outcomes?. <i>BioEssays</i> , <b>2021</b> , 43, e2000269	4.1	0
5	Replication of a Moloney murine leukemia virus mutant lacking the ELP binding site. <i>Virology</i> , <b>1994</b> , 203, 162-5	3.6	
4	Transgenic manipulation of the ubiquitin-proteasome system. <i>Essays in Biochemistry</i> , <b>2005</b> , 41, 129-138	7.6	
3	Transgenic manipulation of the ubiquitin-proteasome system. <i>Essays in Biochemistry</i> , <b>2005</b> , 41, 129-38	7.6	
2	Dysfunction of the Ubiquitin/Proteasome System and Mitochondria in Neurodegenerative Disease <b>2012</b> , 141-155		
1	Ubiquitin-Specific Proteases 4 and 15 <b>2013</b> , 2052-2057		

