

Ghanshyam Swarup

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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.

68

papers

6,166

citations

27

h-index

77

g-index

77

ext. papers

6,932

ext. citations

4.4

avg, IF

4.8

L-index

#	Paper	IF	Citations
68	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
67	Inhibition of membrane phosphotyrosyl-protein phosphatase activity by vanadate. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 107, 1104-9	3.4	662
66	NF-kappaB mediates tumor necrosis factor alpha-induced expression of optineurin, a negative regulator of NF-kappaB. <i>PLoS ONE</i> , 2009 , 4, e5114	3.7	86
65	A glaucoma-associated mutant of optineurin selectively induces death of retinal ganglion cells which is inhibited by antioxidants. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1607-14		83
64	Optineurin is required for CYLD-dependent inhibition of TNF-induced NF- κ B activation. <i>PLoS ONE</i> , 2011 , 6, e17477	3.7	79
63	Regulation of endocytic trafficking of transferrin receptor by optineurin and its impairment by a glaucoma-associated mutant. <i>BMC Cell Biology</i> , 2010 , 11, 4		70
62	Direct transcriptional activation of human caspase-1 by tumor suppressor p53. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10585-8	5.4	68
61	Physical and functional interaction between Hck tyrosine kinase and guanine nucleotide exchange factor C3G results in apoptosis, which is independent of C3G catalytic domain. <i>Journal of Biological Chemistry</i> , 2003 , 278, 52188-94	5.4	64
60	M98K-OPTN induces transferrin receptor degradation and RAB12-mediated autophagic death in retinal ganglion cells. <i>Autophagy</i> , 2013 , 9, 510-27	10.2	58
59	Optineurin and its mutants: molecules associated with some forms of glaucoma. <i>Ophthalmic Research</i> , 2009 , 42, 176-84	2.9	49
58	Optineurin promotes autophagosome formation by recruiting the autophagy-related Atg12-5-16L1 complex to phagophores containing the Wipi2 protein. <i>Journal of Biological Chemistry</i> , 2018 , 293, 132-147	5.4	47
57	Caspase-1 activator Ipaf is a p53-inducible gene involved in apoptosis. <i>Oncogene</i> , 2005 , 24, 627-36	9.2	46
56	Two splice variants of a tyrosine phosphatase differ in substrate specificity, DNA binding, and subcellular location. <i>Journal of Biological Chemistry</i> , 1996 , 271, 26755-61	5.4	46
55	661W is a retinal ganglion precursor-like cell line in which glaucoma-associated optineurin mutants induce cell death selectively. <i>Scientific Reports</i> , 2017 , 7, 16855	4.9	45
54	Optineurin mediates a negative regulation of Rab8 by the GTPase-activating protein TBC1D17. <i>Journal of Cell Science</i> , 2012 , 125, 5026-39	5.3	43
53	E50K-OPTN-induced retinal cell death involves the Rab GTPase-activating protein, TBC1D17 mediated block in autophagy. <i>PLoS ONE</i> , 2014 , 9, e95758	3.7	41
52	Phosphorylated guanine nucleotide exchange factor C3G, induced by pervanadate and Src family kinases localizes to the Golgi and subcortical actin cytoskeleton. <i>BMC Cell Biology</i> , 2004 , 5, 31		37

51	Association of Lyn tyrosine kinase with the nuclear matrix and cell-cycle-dependent changes in matrix-associated tyrosine kinase activity. <i>FEBS Journal</i> , 1996 , 236, 352-9		36
50	Molecular cloning and expression of a protein-tyrosine phosphatase showing homology with transcription factors Fos and Jun. <i>FEBS Letters</i> , 1991 , 280, 65-9	3.8	36
49	C3G is required for c-Abl-induced filopodia and its overexpression promotes filopodia formation. <i>Experimental Cell Research</i> , 2007 , 313, 2476-92	4.2	35
48	A Disease-associated Mutant of NLRC4 Shows Enhanced Interaction with SUG1 Leading to Constitutive FADD-dependent Caspase-8 Activation and Cell Death. <i>Journal of Biological Chemistry</i> , 2017 , 292, 1218-1230	5.4	31
47	A Glaucoma-Associated Variant of Optineurin, M98K, Activates Tbk1 to Enhance Autophagosome Formation and Retinal Cell Death Dependent on Ser177 Phosphorylation of Optineurin. <i>PLoS ONE</i> , 2015 , 10, e0138289	3.7	31
46	Tumor necrosis factor-alpha-induced caspase-1 gene expression. Role of p73. <i>FEBS Journal</i> , 2007 , 274, 4396-407	5.7	31
45	Syntaxin 17 cycles between the ER and ERGIC and is required to maintain the architecture of ERGIC and Golgi. <i>Biology of the Cell</i> , 2011 , 103, 333-50	3.5	30
44	Regulation of p73 by Hck through kinase-dependent and independent mechanisms. <i>BMC Molecular Biology</i> , 2007 , 8, 45	4.5	29
43	Defects in autophagy caused by glaucoma-associated mutations in optineurin. <i>Experimental Eye Research</i> , 2016 , 144, 54-63	3.7	27
42	Interaction with Sug1 enables Ipaf ubiquitination leading to caspase 8 activation and cell death. <i>Biochemical Journal</i> , 2010 , 427, 91-104	3.8	27
41	Evidence for a role of transmembrane protein p25 in localization of protein tyrosine phosphatase TC48 to the ER. <i>Journal of Cell Science</i> , 2006 , 119, 1703-14	5.3	27
40	A nuclear protein tyrosine phosphatase activates p53 and induces caspase-1-dependent apoptosis. <i>FEBS Letters</i> , 2002 , 532, 61-6	3.8	25
39	Phosphoprotein phosphatase activity of sea urchin spermatozoa. <i>Biology of Reproduction</i> , 1982 , 26, 953-60	5.0	24
38	Induction of p53 dependent apoptosis upon overexpression of a nuclear protein tyrosine phosphatase. <i>FEBS Letters</i> , 1999 , 453, 308-12	3.8	23
37	Tyrosine-specific protein kinases of normal tissues. <i>Advances in Enzyme Regulation</i> , 1984 , 22, 267-88		23
36	Altered Functions and Interactions of Glaucoma-Associated Mutants of Optineurin. <i>Frontiers in Immunology</i> , 2018 , 9, 1287	8.4	22
35	Alternative splicing generates four different forms of a non-transmembrane protein tyrosine phosphatase mRNA. <i>DNA and Cell Biology</i> , 1995 , 14, 1007-15	3.6	22
34	Binding of a protein-tyrosine phosphatase to DNA through its carboxy-terminal noncatalytic domain. <i>Biochemistry</i> , 1993 , 32, 2194-201	3.2	22

33	Role of p73 in regulating human caspase-1 gene transcription induced by interferon- γ and cisplatin. <i>Journal of Biological Chemistry</i> , 2005 , 280, 36664-73	5.4	21
32	Involvement of caspase 1 and its activator Ipaf upstream of mitochondrial events in apoptosis. <i>FEBS Journal</i> , 2006 , 273, 2766-78	5.7	20
31	Sp1-like sequences mediate human caspase-3 promoter activation by p73 and cisplatin. <i>FEBS Journal</i> , 2008 , 275, 2200-13	5.7	18
30	Functional analysis of optineurin and some of its disease-associated mutants. <i>IUBMB Life</i> , 2015 , 67, 120-8	4.7	17
29	Induction of cytochrome c release and apoptosis by Hck-SH3 domain-mediated signalling requires caspase-3. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2002 , 7, 195-207	5.4	17
28	Stabilization of a protein-tyrosine phosphatase mRNA upon mitogenic stimulation of T-lymphocytes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1993 , 1216, 205-12		16
27	Overexpression of a nuclear protein tyrosine phosphatase increases cell proliferation. <i>FEBS Letters</i> , 1997 , 409, 33-6	3.8	14
26	Autophagy receptor optineurin promotes autophagosome formation by potentiating LC3-II production and phagophore maturation. <i>Communicative and Integrative Biology</i> , 2018 , 11, 1-4	1.7	13
25	Focus on molecules: optineurin. <i>Experimental Eye Research</i> , 2008 , 87, 1-2	3.7	12
24	Stimulation of rhodopsin phosphorylation by guanine nucleotides in rod outer segments. <i>Biochemistry</i> , 1983 , 22, 1102-6	3.2	12
23	Activation of a cellular tyrosine-specific protein kinase by phosphorylation. <i>FEBS Letters</i> , 1985 , 188, 131-4	3.8	12
22	Emerging role of tyrosine phosphatase, TCPTP, in the organelles of the early secretory pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1125-32	4.9	11
21	Optineurin, a multifunctional protein involved in glaucoma, amyotrophic lateral sclerosis and antiviral signalling. <i>Journal of Biosciences</i> , 2010 , 35, 501-5	2.3	11
20	HSC70 regulates cold-induced caspase-1 hyperactivation by an autoinflammation-causing mutant of cytoplasmic immune receptor NLRC4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21694-21703	11.5	10
19	PTP-S2, a nuclear tyrosine phosphatase, is phosphorylated and excluded from condensed chromosomes during mitosis. <i>Journal of Biosciences</i> , 2000 , 25, 33-40	2.3	10
18	A nuclear protein tyrosine phosphatase induces shortening of G1 phase and increase in c-Myc protein level. <i>Experimental Cell Research</i> , 2001 , 265, 1-10	4.2	10
17	Enhanced expression of a chromatin associated protein tyrosine phosphatase during G0 to S transition. <i>Journal of Biosciences</i> , 1995 , 20, 461-471	2.3	10
16	Tyrosine phosphorylation of a SNARE protein, syntaxin 17: implications for membrane trafficking in the early secretory pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 2109-19	4.9	9

15	How to design a highly effective siRNA. <i>Journal of Biosciences</i> , 2004 , 29, 129-31	2.3	8
14	Identification of a novel splice variant of C3G which shows tissue-specific expression. <i>DNA and Cell Biology</i> , 1999 , 18, 701-8	3.6	8
13	Inhibition of anchorage-independent cell growth, adhesion, and cyclin D1 gene expression by a dominant negative mutant of a tyrosine phosphatase. <i>Experimental Cell Research</i> , 2001 , 270, 32-44	4.2	7
12	IRF-1-binding site in the first intron mediates interferon- β -induced optineurin promoter activation. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 437, 179-84	3.4	6
11	Modulation of phosphorylation and dephosphorylation of keratin and other polypeptides by estradiol-17 beta in rat vaginal epithelium. <i>FEBS Letters</i> , 1990 , 273, 135-8	3.8	6
10	A glaucoma- and ALS-associated mutant of OPTN induces neuronal cell death dependent on Tbk1 activity, autophagy and ER stress. <i>FEBS Journal</i> , 2021 , 288, 4576-4595	5.7	5
9	Identification of a splice variant of optineurin which is defective in autophagy and phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 1526-1538	4.9	4
8	Downregulation of phospho-tyrosine phosphatases in a macrophage tumor. <i>FEBS Letters</i> , 1993 , 326, 75-9	3.8	4
7	A cataract-causing connexin 50 mutant is mislocalized to the ER due to loss of the fourth transmembrane domain and cytoplasmic domain. <i>FEBS Open Bio</i> , 2013 , 3, 22-9	2.7	2
6	Functional Defects Caused by Glaucoma Associated Mutations in Optineurin 2013 ,		2
5	Regulation of cellular and molecular functions by protein phosphorylation 1998 , 3, 70-78		2
4	Nucleotide sequence of a cDNA coding for rathck tyrosine kinase and characterization of its gene product. <i>Journal of Biosciences</i> , 1994 , 19, 117-129	2.3	2
3	Optineurin modulates ER stress-induced signaling pathways and cell death. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 297-302	3.4	2
2	Human primary retinal cells as an in-vitro model for investigating defective signalling caused by OPTN mutants associated with glaucoma. <i>Neurochemistry International</i> , 2021 , 148, 105075	4.4	0
1	The Nobel Prize for understanding autophagy, a cellular mechanism of waste disposal that keeps us healthy. <i>Journal of Biosciences</i> , 2016 , 41, 563-567	2.3	