

# Charleen T Chu

## List of Publications by Year in descending order

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152  
papers

25,584  
citations

13827

67  
h-index

11581

135  
g-index

157  
all docs

157  
docs citations

157  
times ranked

36660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	4.3	2,064
4	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
5	Loss of PINK1 Function Promotes Mitophagy through Effects on Oxidative Stress and Mitochondrial Fission. <i>Journal of Biological Chemistry</i> , 2009, 284, 13843-13855.	1.6	845
6	Cardiolipin externalization to the outer mitochondrial membrane acts as an elimination signal for mitophagy in neuronal cells. <i>Nature Cell Biology</i> , 2013, 15, 1197-1205.	4.6	792
7	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
8	Expression of Nrf2 in Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 75-85.	0.9	604
9	Role of autophagy in G2019S $\alpha$ -LRRK2-associated neurite shortening in differentiated SH-SY5Y cells. <i>Journal of Neurochemistry</i> , 2008, 105, 1048-1056.	2.1	463
10	$\alpha$ -Synuclein binds to TOM20 and inhibits mitochondrial protein import in Parkinson's disease. <i>Science Translational Medicine</i> , 2016, 8, 342ra78.	5.8	432
11	PINK1 deficiency impairs mitochondrial homeostasis and promotes lung fibrosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 521-538.	3.9	431
12	Regulation of Autophagy by Extracellular Signal-Regulated Protein Kinases During 1-Methyl-4-Phenylpyridinium-Induced Cell Death. <i>American Journal of Pathology</i> , 2007, 170, 75-86.	1.9	428
13	Regulation of the autophagy protein LC3 by phosphorylation. <i>Journal of Cell Biology</i> , 2010, 190, 533-539.	2.3	284
14	A comprehensive glossary of autophagy-related molecules and processes (2 <sup>nd</sup> edition). <i>Autophagy</i> , 2011, 7, 1273-1294.	4.3	255
15	Mitochondrially localized ERK2 regulates mitophagy and autophagic cell stress. <i>Autophagy</i> , 2008, 4, 770-782.	4.3	251
16	After the banquet. <i>Autophagy</i> , 2013, 9, 1663-1676.	4.3	251
17	Oxidative neuronal injury. <i>FEBS Journal</i> , 2004, 271, 2060-2066.	0.2	239
18	Localization of Phosphorylated ERK/MAP Kinases to Mitochondria and Autophagosomes in Lewy Body Diseases. <i>Brain Pathology</i> , 2003, 13, 473-481.	2.1	218

#	ARTICLE	IF	CITATIONS
19	Kinase signaling cascades in the mitochondrion: a matter of life or death. <i>Free Radical Biology and Medicine</i> , 2005, 38, 2-11.	1.3	215
20	Bioenergetics of neurons inhibit the translocation response of Parkin following rapid mitochondrial depolarization. <i>Human Molecular Genetics</i> , 2011, 20, 927-940.	1.4	200
21	Impairment of Long-term Potentiation and Associative Memory in Mice That Overexpress Extracellular Superoxide Dismutase. <i>Journal of Neuroscience</i> , 2000, 20, 7631-7639.	1.7	194
22	In Vivo Effects of Single Intra-Articular Injection of 0.5% Bupivacaine on Articular Cartilage. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 599-608.	1.4	194
23	Autophagic Stress in Neuronal Injury and Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 423-432.	0.9	188
24	The mitochondrial transcription factor <scp>TFAM</scp> in neurodegeneration: emerging evidence and mechanisms. <i>FEBS Letters</i> , 2018, 592, 793-811.	1.3	182
25	Sustained extracellular signal-regulated kinase activation by 6-hydroxydopamine: implications for Parkinson's disease. <i>Journal of Neurochemistry</i> , 2001, 77, 1058-1066.	2.1	180
26	Starving Neurons Show Sex Difference in Autophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 2383-2396.	1.6	180
27	Mutant LRRK2 Elicits Calcium Imbalance and Depletion of Dendritic Mitochondria in Neurons. <i>American Journal of Pathology</i> , 2013, 182, 474-484.	1.9	172
28	Phospholipase iPLA2 <sup>2</sup> averts ferroptosis by eliminating a redox lipid death signal. <i>Nature Chemical Biology</i> , 2021, 17, 465-476.	3.9	168
29	Receptor dimerization is not a factor in the signalling activity of a transforming variant epidermal growth factor receptor (EGFRvIII). <i>Biochemical Journal</i> , 1997, 324, 855-861.	1.7	166
30	Mechanisms of selective autophagy and mitophagy: Implications for neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2019, 122, 23-34.	2.1	163
31	A novel transferrin/TfR2-mediated mitochondrial iron transport system is disrupted in Parkinson's disease. <i>Neurobiology of Disease</i> , 2009, 34, 417-431.	2.1	162
32	Mitochondrial DNA damage: Molecular marker of vulnerable nigral neurons in Parkinson's disease. <i>Neurobiology of Disease</i> , 2014, 70, 214-223.	2.1	155
33	Autophagy in neuroprotection and neurodegeneration: a question of balance. <i>Future Neurology</i> , 2008, 3, 309-323.	0.9	155
34	Beclin 1-Independent Pathway of Damage-Induced Mitophagy and Autophagic Stress: Implications for Neurodegeneration and Cell Death. <i>Autophagy</i> , 2007, 3, 663-666.	4.3	151
35	Autophagy is Increased after Traumatic Brain Injury in Mice and is Partially Inhibited by the Antioxidant $\beta$ -glutamylcysteinyl Ethyl Ester. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 540-550.	2.4	150
36	A pivotal role for PINK1 and autophagy in mitochondrial quality control: implications for Parkinson disease. <i>Human Molecular Genetics</i> , 2010, 19, R28-R37.	1.4	149

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37	ATP13A2 regulates mitochondrial bioenergetics through macroautophagy. <i>Neurobiology of Disease</i> , 2012, 45, 962-972.	2.1	144
38	Cytoplasmic Aggregates of Phosphorylated Extracellular Signal-Regulated Protein Kinases in Lewy Body Diseases. <i>American Journal of Pathology</i> , 2002, 161, 2087-2098.	1.9	139
39	Autophagy is increased in mice after traumatic brain injury and is detectable in human brain after trauma and critical illness. <i>Autophagy</i> , 2008, 4, 88-90.	4.3	137
40	Peroxiredoxin-2 Protects against 6-Hydroxydopamine-Induced Dopaminergic Neurodegeneration via Attenuation of the Apoptosis Signal-Regulating Kinase (ASK1) Signaling Cascade. <i>Journal of Neuroscience</i> , 2011, 31, 247-261.	1.7	136
41	PKA Phosphorylation of NCLX Reverses Mitochondrial Calcium Overload and Depolarization, Promoting Survival of PINK1-Deficient Dopaminergic Neurons. <i>Cell Reports</i> , 2015, 13, 376-386.	2.9	136
42	Mitochondrial Aberrations in Mucopolipidosis Type IV. <i>Journal of Biological Chemistry</i> , 2006, 281, 39041-39050.	1.6	130
43	Diagnosis of Intracranial Vasculitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 1998, 57, 30-38.	0.9	125
44	LC3 binds externalized cardiolipin on injured mitochondria to signal mitophagy in neurons. <i>Autophagy</i> , 2014, 10, 376-378.	4.3	122
45	Mitochondrially localized PKA reverses mitochondrial pathology and dysfunction in a cellular model of Parkinson's disease. <i>Cell Death and Differentiation</i> , 2011, 18, 1914-1923.	5.0	119
46	Autophagy, Mitochondria and Cell Death in Lysosomal Storage Diseases. <i>Autophagy</i> , 2007, 3, 259-262.	4.3	118
47	Hippocampal long-term potentiation, memory, and longevity in mice that overexpress mitochondrial superoxide dismutase. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 372-384.	1.0	118
48	Excitotoxicity, calcium and mitochondria: a triad in synaptic neurodegeneration. <i>Translational Neurodegeneration</i> , 2022, 11, 3.	3.6	117
49	Mitochondrial Dysfunction in Parkinson's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S325-S334.	1.2	115
50	Human mesenchymal stem cells/multipotent stromal cells consume accumulated autophagosomes early in differentiation. <i>Stem Cell Research and Therapy</i> , 2014, 5, 140.	2.4	115
51	Cardiolipin asymmetry, oxidation and signaling. <i>Chemistry and Physics of Lipids</i> , 2014, 179, 64-69.	1.5	109
52	Beyond the mitochondrion: cytosolic PINK1 remodels dendrites through Protein Kinase A. <i>Journal of Neurochemistry</i> , 2014, 128, 864-877.	2.1	104
53	Chapter 11 Autophagy in Neurite Injury and Neurodegeneration. <i>Methods in Enzymology</i> , 2009, 453, 217-249.	0.4	103
54	Mitochondrial Calcium Dysregulation Contributes to Dendrite Degeneration Mediated by PD/LBD-Associated LRRK2 Mutants. <i>Journal of Neuroscience</i> , 2017, 37, 11151-11165.	1.7	100

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55	The "pro-apoptotic genes" get out of mitochondria: Oxidative lipidomics and redox activity of cytochrome c/cardiolipin complexes. <i>Chemico-Biological Interactions</i> , 2006, 163, 15-28.	1.7	96
56	Functional Repression of cAMP Response Element in 6-Hydroxydopamine-treated Neuronal Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 17870-17881.	1.6	96
57	The p75 Neurotrophin Receptor Can Induce Autophagy and Death of Cerebellar Purkinje Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 4498-4509.	1.7	94
58	Mitochondrial quality control: insights on how Parkinson's disease related genes PINK1, parkin, and Omi/HtrA2 interact to maintain mitochondrial homeostasis. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 473-479.	1.0	93
59	Manganese Superoxide Dismutase Protects against 6-Hydroxydopamine Injury in Mouse Brains. <i>Journal of Biological Chemistry</i> , 2005, 280, 18536-18542.	1.6	89
60	Impaired mitochondrial biogenesis contributes to depletion of functional mitochondria in chronic MPP+ toxicity: dual roles for ERK1/2. <i>Cell Death and Disease</i> , 2012, 3, e312-e312.	2.7	88
61	Arthroscopic Microscopy of Articular Cartilage Using Optical Coherence Tomography. <i>American Journal of Sports Medicine</i> , 2004, 32, 699-709.	1.9	86
62	Peroxidase Mechanism of Lipid-dependent Cross-linking of Synuclein with Cytochrome c. <i>Journal of Biological Chemistry</i> , 2009, 284, 15951-15969.	1.6	86
63	6-Hydroxydopamine induces mitochondrial ERK activation. <i>Free Radical Biology and Medicine</i> , 2007, 43, 372-383.	1.3	84
64	Nitrite activates protein kinase A in normoxia to mediate mitochondrial fusion and tolerance to ischaemia/reperfusion. <i>Cardiovascular Research</i> , 2014, 101, 57-68.	1.8	80
65	Apoptosis inducing factor mediates caspase-independent 1-methyl-4-phenylpyridinium toxicity in dopaminergic cells. <i>Journal of Neurochemistry</i> , 2005, 94, 1685-1695.	2.1	79
66	Nuclear transport, oxidative stress, and neurodegeneration. <i>International Journal of Clinical and Experimental Pathology</i> , 2011, 4, 215-29.	0.5	78
67	ER Translocation of the MAPK Pathway Drives Therapy Resistance in BRAF-Mutant Melanoma. <i>Cancer Discovery</i> , 2019, 9, 396-415.	7.7	71
68	Altered expression of extracellular superoxide dismutase in mouse lung after bleomycin treatment. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1198-1207.	1.3	67
69	Exercise increases mitochondrial complex I activity and DRP1 expression in the brains of aged mice. <i>Experimental Gerontology</i> , 2017, 90, 1-13.	1.2	65
70	Mitochondrial kinases in Parkinson's disease: Converging insights from neurotoxin and genetic models. <i>Mitochondrion</i> , 2009, 9, 289-298.	1.6	63
71	Location, Location, Location. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 873-883.	0.9	61
72	It's a Cell-Eat-Cell World. <i>American Journal of Pathology</i> , 2013, 182, 612-622.	1.9	56

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73	Synaptic dysfunction in genetic models of Parkinson's disease: A role for autophagy?. <i>Neurobiology of Disease</i> , 2011, 43, 60-67.	2.1	55
74	Excitatory Dendritic Mitochondrial Calcium Toxicity: Implications for Parkinson's and Other Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2018, 12, 523.	1.4	55
75	ERK-mediated phosphorylation of TFAM downregulates mitochondrial transcription: Implications for Parkinson's disease. <i>Mitochondrion</i> , 2014, 17, 132-140.	1.6	54
76	Mechanism of insulin incorporation into .alpha.2-macroglobulin: implications for the study of peptide and growth factor binding. <i>Biochemistry</i> , 1991, 30, 1551-1560.	1.2	52
77	<scp>PINK</scp>1 regulates mitochondrial trafficking in dendrites of cortical neurons through mitochondrial <scp>PKA</scp>. <i>Journal of Neurochemistry</i> , 2017, 142, 545-559.	2.1	52
78	?2-Macroglobulin: A Sensor for Proteolysis. <i>Annals of the New York Academy of Sciences</i> , 1994, 737, 291-307.	1.8	51
79	Role of reactive oxygen species in extracellular signal-regulated protein kinase phosphorylation and 6-hydroxydopamine cytotoxicity. <i>Journal of Biosciences</i> , 2003, 28, 83-89.	0.5	50
80	Neuronal autophagy and mitophagy in Parkinson's disease. <i>Molecular Aspects of Medicine</i> , 2021, 82, 100972.	2.7	49
81	Monitoring Mitophagy in Neuronal Cell Cultures. <i>Methods in Molecular Biology</i> , 2011, 793, 325-339.	0.4	49
82	Epidermoid cyst of the thoracic spine: case history. <i>Clinical Neurology and Neurosurgery</i> , 2001, 103, 220-222.	0.6	48
83	Decreased SIRT2 activity leads to altered microtubule dynamics in oxidatively-stressed neuronal cells: Implications for Parkinson's disease. <i>Experimental Neurology</i> , 2014, 257, 170-181.	2.0	46
84	E3 Ligase Subunit Fbxo15 and PINK1 Kinase Regulate Cardiolipin Synthase 1 Stability and Mitochondrial Function in Pneumonia. <i>Cell Reports</i> , 2014, 7, 476-487.	2.9	45
85	Tickled PINK1: Mitochondrial homeostasis and autophagy in recessive Parkinsonism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 20-28.	1.8	44
86	Multiple pathways for mitophagy: A neurodegenerative conundrum for Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 697, 66-71.	1.0	43
87	Chemical inhibition of FBXO7 reduces inflammation and confers neuroprotection by stabilizing the mitochondrial kinase PINK1. <i>JCI Insight</i> , 2020, 5, .	2.3	40
88	Eaten Alive. <i>American Journal of Pathology</i> , 2008, 172, 284-287.	1.9	38
89	ERKed by LRRK2: A cell biological perspective on hereditary and sporadic Parkinson's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1273-1281.	1.8	38
90	Optical coherence tomography grading correlates with MRI T2 mapping and extracellular matrix content. <i>Journal of Orthopaedic Research</i> , 2010, 28, 546-552.	1.2	37

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91	Activated Human Plasma Carboxypeptidase B Is Retained in the Blood by Binding to $\alpha_2$ -Macroglobulin and Pregnancy Zone Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 12937-12943.	1.6	36
92	Mitochondrial autophagy as a compensatory response to PINK1 deficiency. <i>Autophagy</i> , 2009, 5, 1213-1214.	4.3	36
93	Chordoid Glioma: A Case Report and Molecular Characterization of Five Cases. <i>Brain Pathology</i> , 2009, 19, 439-448.	2.1	36
94	Generation of three-dimensional human neuronal cultures: application to modeling CNS viral infections. <i>Stem Cell Research and Therapy</i> , 2018, 9, 134.	2.4	36
95	Diversity in the Regulation of Autophagy and Mitophagy: Lessons from Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-8.	0.6	34
96	PINK1 Interacts with VCP/p97 and Activates PKA to Promote NSFL1C/p47 Phosphorylation and Dendritic Arborization in Neurons. <i>ENeuro</i> , 2018, 5, ENEURO.0466-18.2018.	0.9	34
97	The aetiology in paediatric aphakic glaucoma. <i>Eye</i> , 2006, 20, 1360-1365.	1.1	33
98	Mutant LRRK2 enhances glutamatergic synapse activity and evokes excitotoxic dendrite degeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1596-1603.	1.8	33
99	Sympathetic Ganglionic Blockade Masks Beneficial Effect of Isoflurane on Histologic Outcome from Near-complete Forebrain Ischemia in the Rat. <i>Anesthesiology</i> , 1999, 90, 873-881.	1.3	32
100	Ubiquitin Immunohistochemistry as a Diagnostic Aid for Community Pathologists Evaluating Patients Who Have Dementia. <i>Modern Pathology</i> , 2000, 13, 420-426.	2.9	31
101	To Eat or Not to Eat: Neuronal Metabolism, Mitophagy, and Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1979-1987.	2.5	30
102	Activated $\alpha_2$ -Macroglobulin Promotes Mitogenesis in Rat Vascular Smooth Muscle Cells by a Mechanism that is Independent of Growth-Factor-Carrier Activity. <i>FEBS Journal</i> , 1995, 234, 714-722.	0.2	29
103	Small B-cell lymphoma presenting as diffuse dural thickening with cranial neuropathies. <i>Journal of Neuro-Oncology</i> , 2002, 59, 243-247.	1.4	27
104	Mild mitochondrial metabolic deficits by $\alpha$ -ketoglutarate dehydrogenase inhibition cause prominent changes in intracellular autophagic signaling: Potential role in the pathobiology of Alzheimer's disease. <i>Neurochemistry International</i> , 2016, 96, 32-45.	1.9	27
105	Beyond Mitophagy: Cytosolic PINK1 as a Messenger of Mitochondrial Health. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1047-1059.	2.5	26
106	Biphasic regulation of lysosomal exocytosis by oxidative stress. <i>Cell Calcium</i> , 2016, 60, 356-362.	1.1	26
107	Ischemia-induced autophagy contributes to neurodegeneration in cerebellar Purkinje cells in the developing rat brain and in primary cortical neurons in vitro. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1902-1911.	1.8	25
108	Alzheimer's Disease Presenilin-1 Mutation Sensitizes Neurons to Impaired Autophagy Flux and Propofol Neurotoxicity: Role of Calcium Dysregulation. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 137-147.	1.2	22

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109	Chronic treatment with the complex I inhibitor MPP+ depletes endogenous PTEN-induced kinase 1 (PINK1) via up-regulation of Bcl-2-associated athanogene 6 (BAG6). <i>Journal of Biological Chemistry</i> , 2020, 295, 7865-7876.	1.6	19
110	Functional design and prey capture dynamics in an ecologically generalized surfperch (Embiotocidae). <i>Journal of Zoology</i> , 1989, 217, 417-440.	0.8	18
111	Altered transcription factor trafficking in oxidatively-stressed neuronal cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1773-1782.	1.8	15
112	Acanthamoeba keratitis: A clinicopathologic case report and review of the literature. <i>Human Pathology</i> , 2013, 44, 918-922.	1.1	15
113	A Fetal Cyclooxygenase-2 Gene Polymorphism Is Associated With Placental Malperfusion. <i>International Journal of Gynecological Pathology</i> , 2007, 26, 284-290.	0.9	13
114	Asymptomatic Giant-Cell (Temporal) Arteritis Involving the Bilateral Adnexa. <i>International Journal of Gynecological Pathology</i> , 2007, 26, 352-355.	0.9	13
115	Sympathetic ophthalmia presenting 5 days after penetrating injury. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 19, 100816.	0.4	13
116	The effect of residue 1106 on the thioester-mediated covalent binding reaction of human complement protein C4 and the monomeric rat $\hat{\pm}$ 2-macroglobulin $\hat{\pm}$ 113. <i>FEBS Letters</i> , 1995, 368, 87-91.	1.3	12
117	Intracranial extramedullary hematopoiesis associated with pilocytic astrocytoma: a case report. <i>Acta Neuropathologica</i> , 2003, 106, 584-587.	3.9	11
118	Association of the mt-ND2 5178A/C polymorphism with Parkinson's disease. <i>Neuroscience Letters</i> , 2015, 587, 98-101.	1.0	11
119	Interactions between cytokines and $\hat{\pm}$ 2-macroglobulin. <i>Trends in Immunology</i> , 1991, 12, 249.	7.5	10
120	Functional analysis of plasma $\hat{\pm}$ 2-macroglobulin from Alzheimer's disease patients with the A2M intronic deletion. <i>Neurobiology of Disease</i> , 2003, 14, 504-512.	2.1	10
121	Electron Microscopic Diagnosis of Human Flavivirus Encephalitis. <i>American Journal of Surgical Pathology</i> , 1999, 23, 1217.	2.1	9
122	Experimental Models of Asbestos-Related Diseases. , 2004, , 256-308.		6
123	Autophagy in different flavors: Dysregulated protein degradation in neurological diseases. <i>Neurobiology of Disease</i> , 2011, 43, 1-3.	2.1	5
124	Ocular Phenotype of Peters-Plus Syndrome. <i>Cornea</i> , 2022, 41, 219-223.	0.9	5
125	Mitochondria in neurodegeneration. <i>Current Opinion in Physiology</i> , 2022, 26, 100532.	0.9	5
126	Infectious crystalline keratopathy predominantly affecting the posterior cornea. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 5250-3.	0.5	4



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127	Subcellular Compartmentalization of pERKs in the Lewy Body Disease Substantia Nigra. <i>Annals of the New York Academy of Sciences</i> , 2003, 991, 288-290.	1.8	3
128	Mitochondria and Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-2.	0.6	3
129	Propofol affects mouse embryonic fibroblast survival and proliferation in vitro via ATG5- and calcium-dependent regulation of autophagy. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 303-310.	2.8	3
130	Occult germ cell tumour presenting as spontaneous intracerebral haemorrhage. <i>Histopathology</i> , 2007, 50, 789-793.	1.6	2
131	Introduction. <i>Brain Pathology</i> , 2012, 22, 80-81.	2.1	2
132	Autophagy in neurological diseases: An update. <i>Neurobiology of Disease</i> , 2019, 122, 1-2.	2.1	2
133	Mitochondrial Fission-Fusion and Parkinson's Disease: A Dynamic Question of Compensatory Networks. , 2011, , 197-213.		1
134	A 67 Year Old Man with Multiple Sclerosis and New Cerebellar Lesions. <i>Brain Pathology</i> , 2015, 25, 507-508.	2.1	1
135	INTRAOCULAR SYNOVIAL SARCOMA. <i>Retinal Cases and Brief Reports</i> , 2017, 11, 302-305.	0.3	1
136	Review: Autophagy and neurodegeneration: survival at a cost?. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 125-132.	1.8	1
137	PINK1: Multiple mechanisms of neuroprotection. <i>International Review of Movement Disorders</i> , 2021, , 193-219.	0.1	1
138	Molecular profiling of renal cell carcinoma presenting as iris metastasis. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 27, 101599.	0.4	1
139	Reactive oxygen/nitrogen species at the fulcrum of life's death decisions: A commentary on "Peroxynitrite transforms nerve growth factor into an apoptotic factor for motor neurons". <i>Free Radical Biology and Medicine</i> , 2006, 41, 1629-1631.	1.3	0
140	ERK2 translocates to mitochondria during neurodegeneration and is associated with mitochondrial autophagy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 424.	0.9	0
141	MAINTAINING AUTOPHAGIC BALANCE: A ROLE FOR BRAKES. , 2012, , 105-125.		0
142	NEURONAL MITOCHONDRIAL TRANSPORT AND TURNOVER VIA MITOPHAGY. , 2012, , 375-405.		0
143	Mitochondrial Dysfunction Accompanied by ERK-Dependent Phosphorylation of TFAM in a Chronic MPP+ Model. <i>Biophysical Journal</i> , 2013, 104, 658a.	0.2	0
144	Mitochondrial NM23-H4/NDPK-D Supports Cardiolipin Signaling to Eliminate Depolarized Mitochondria by Mitophagy. <i>Biophysical Journal</i> , 2016, 110, 472a.	0.2	0

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145	Transcriptome from opaque cornea of Fanconi anemia patient uncovers fibrosis and two connected players. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 26, 100712.	0.4	0
146	Biosynthesis and plasma elimination of mature prostate specific antigen and its activation peptide. <i>FASEB Journal</i> , 2007, 21, A755.	0.2	0
147	ERK2 translocates to mitochondria during neurodegeneration and is associated with mitochondrial autophagy. <i>FASEB Journal</i> , 2007, 21, A23.	0.2	0
148	PKA prevents mitochondrial pathology induced by loss of PINK1 function. <i>FASEB Journal</i> , 2010, 24, 345.3.	0.2	0
149	Impact of adenosine signaling on mutant LRRK2 induced neuronal injury. <i>FASEB Journal</i> , 2012, 26, 1035.10.	0.2	0
150	Applications of energy dispersive microprobe analysis in ophthalmic pathology. , 1999, , 401-444.		0
151	LONG TERM RECURRENT JUVENILE PILOCYTIC ASTROCYTOMAS OF THE CEREBELLUM. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999, 58, 538.	0.9	0
152	Endogenous Pink1 Regulates Dendritic Architecture and Spinogenesis. <i>FASEB Journal</i> , 2022, 36, .	0.2	0