

Yien Che Tsai

List of Publications by Year in descending order

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34
papers

2,589
citations

331670

21
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

4113
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress-Induced Phosphorylation and Proteasomal Degradation of Mitofusin 2 Facilitates Mitochondrial Fragmentation and Apoptosis. <i>Molecular Cell</i> , 2012, 47, 547-557.	9.7	279
2	Parkin Facilitates the Elimination of Expanded Polyglutamine Proteins and Leads to Preservation of Proteasome Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 22044-22055.	3.4	252
3	The Unfolded Protein Response, Degradation from the Endoplasmic Reticulum, and Cancer. <i>Genes and Cancer</i> , 2010, 1, 764-778.	1.9	220
4	The activity of a human endoplasmic reticulum-associated degradation E3, gp78, requires its Cue domain, RING finger, and an E2-binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 341-346.	7.1	192
5	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 264-271.	8.2	188
6	The ubiquitin ligase gp78 promotes sarcoma metastasis by targeting KAI1 for degradation. <i>Nature Medicine</i> , 2007, 13, 1504-1509.	30.7	182
7	Differences in the Tumor Microenvironment between African-American and European-American Breast Cancer Patients. <i>PLoS ONE</i> , 2009, 4, e4531.	2.5	179
8	Allosteric Activation of E2-RING Finger-Mediated Ubiquitylation by a Structurally Defined Specific E2-Binding Region of gp78. <i>Molecular Cell</i> , 2009, 34, 674-685.	9.7	144
9	Ubiquitin ligases, critical mediators of endoplasmic reticulum-associated degradation. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 770-779.	5.0	133
10	The Rab5 Guanine Nucleotide Exchange Factor Rabex-5 Binds Ubiquitin (Ub) and Functions as a Ub Ligase through an Atypical Ub-interacting Motif and a Zinc Finger Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 6874-6883.	3.4	105
11	Targeting botulinum neurotoxin persistence by the ubiquitin-proteasome system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16554-16559.	7.1	83
12	Discovering Targets of Non-enzymatic Acylation by Thioester Reactivity Profiling. <i>Cell Chemical Biology</i> , 2017, 24, 231-242.	5.2	79
13	Dissecting the diverse functions of the metastasis suppressor CD82/KAI1. <i>FEBS Letters</i> , 2011, 585, 3166-3173.	2.8	75
14	Melanoblast transcriptome analysis reveals pathways promoting melanoma metastasis. <i>Nature Communications</i> , 2020, 11, 333.	12.8	65
15	Differential regulation of HMG-CoA reductase and Insig-1 by enzymes of the ubiquitin-proteasome system. <i>Molecular Biology of the Cell</i> , 2012, 23, 4484-4494.	2.1	61
16	Anterior Thalamic Mediation of Experimental Seizures: Selective EEG Spectral Coherence. <i>Epilepsia</i> , 2003, 44, 355-365.	5.1	54
17	Targeting of gp78 for ubiquitin-mediated proteasomal degradation by Hrd1: Cross-talk between E3s in the endoplasmic reticulum. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 758-762.	2.1	48
18	Protein Engineering in the Ubiquitin System: Tools for Discovery and Beyond. <i>Pharmacological Reviews</i> , 2020, 72, 380-413.	16.0	42

#	ARTICLE	IF	CITATIONS
19	Spectral analysis of a thalamus-to-cortex seizure pathway. IEEE Transactions on Biomedical Engineering, 1997, 44, 657-664.	4.2	34
20	Deubiquitinating enzyme VCIP135 dictates the duration of botulinum neurotoxin type A intoxication. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5158-E5166.	7.1	32
21	Ubiquitylation in ERAD: Reversing to Go Forward?. PLoS Biology, 2011, 9, e1001038.	5.6	31
22	Insights into Ubiquitination from the Unique Clamp-like Binding of the RING E3 AO7 to the E2 UbcH5B. Journal of Biological Chemistry, 2015, 290, 30225-30239.	3.4	25
23	Stabilization of p27 ^{Kip1} /CDKN1B by UBC7/UBE2L3 catalyzed ubiquitinylation: a new paradigm in cell cycle control. FASEB Journal, 2019, 33, 1235-1247.	0.5	17
24	Ubiquitin Ligase gp78 Targets Unglycosylated Prion Protein PrP for Ubiquitylation and Degradation. PLoS ONE, 2014, 9, e92290.	2.5	14
25	Sinusoidal Modeling of Ictal Activity Along a Thalamus-to-Cortex Seizure Pathway I: New Coherence Approaches. Annals of Biomedical Engineering, 2004, 32, 1252-1264.	2.5	12
26	An improved in vitro and in vivo Sindbis virus expression system through host and virus engineering. Virus Research, 2009, 141, 1-12.	2.2	12
27	A structurally conserved site in AUP1 binds the E2 enzyme UBE2G2 and is essential for ER-associated degradation. PLoS Biology, 2021, 19, e3001474.	5.6	9
28	Narrowband delay estimation for thalamocortical epileptic seizure pathways. , 0, , .		7
29	Protein expression of the gp78 E3 ligase predicts poor breast cancer outcome based on race. JCI Insight, 2022, 7, .	5.0	6
30	Activation of the unfolded protein response in sarcoma cells treated with rapamycin or temsirolimus. PLoS ONE, 2017, 12, e0185089.	2.5	5
31	A Ubiquitin-Binding Rhomboid Protease Aimed at ERADication. Developmental Cell, 2012, 23, 454-456.	7.0	3
32	A thalamus-to-cortex seizure pathway: a new coherence approach using sinusoidal modelling. , 0, , .		1
33	Identification of seizure pathways by spectral analysis of EEG. , 0, , .		0
34	Molecular Basis for Persistence of Botulinum Neurotoxin: The Role of Intracellular Protein Degradation Pathways. , 2014, , 191-205.		0