Victor J Yuste

List of Publications by Year
in descending order

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54 papers	2,258 citations	218677 26 h-index	214800 47 g-index
54 all docs	54 docs citations	54 times ranked	3201 citing authors

#	Article	IF	Citations
1	Sequential Activation of Poly(ADP-Ribose) Polymerase 1, Calpains, and Bax Is Essential in Apoptosis-Inducing Factor-Mediated Programmed Necrosis. Molecular and Cellular Biology, 2007, 27, 4844-4862.	2.3	298
2	AIF promotes chromatinolysis and caspase-independent programmed necrosis by interacting with histone H2AX. EMBO Journal, 2010, 29, 1585-1599.	7.8	197
3	Cysteine protease inhibition prevents mitochondrial apoptosis-inducing factor (AIF) release. Cell Death and Differentiation, 2005, 12, 1445-1448.	11.2	119
4	Drp1 Mediates Caspase-Independent Type III Cell Death in Normal and Leukemic Cells. Molecular and Cellular Biology, 2007, 27, 7073-7088.	2.3	98
5	Characterization of the Cell Death Process Induced by Staurosporine in Human Neuroblastoma Cell Lines. Neuropharmacology, 1997, 36, 811-821.	4.1	81
6	The Contribution of Apoptosis-inducing Factor, Caspase-activated DNase, and Inhibitor of Caspase-activated DNase to the Nuclear Phenotype and DNA Degradation during Apoptosis. Journal of Biological Chemistry, 2005, 280, 35670-35683.	3.4	80
7	The Long Form of Fas Apoptotic Inhibitory Molecule Is Expressed Specifically in Neurons and Protects Them against Death Receptor-Triggered Apoptosis. Journal of Neuroscience, 2007, 27, 11228-11241.	3.6	73
8	AIFsh, a Novel Apoptosis-inducing Factor (AIF) Pro-apoptotic Isoform with Potential Pathological Relevance in Human Cancer. Journal of Biological Chemistry, 2006, 281, 6413-6427.	3.4	71
9	TNFÎ± induces survival through the FLIP-L-dependent activation of the MAPK/ERK pathway. Cell Death and Disease, 2013, 4, e493-e493.	6.3	71
10	The Absence of Oligonucleosomal DNA Fragmentation during Apoptosis of IMR-5 Neuroblastoma Cells. Journal of Biological Chemistry, 2001, 276, 22323-22331.	3.4	63
11	The prevention of the staurosporine-induced apoptosis by Bcl-XL, but not by Bcl-2 or caspase inhibitors, allows the extensive differentiation of human neuroblastoma cells. Journal of Neurochemistry, 2002, 80, 126-139.	3.9	60
12	Development of Survival Responsiveness to Brain-Derived Neurotrophic Factor, Neurotrophin 3 and Neurotrophin 4/5, But Not to Nerve Growth Factor, in Cultured Motoneurons from Chick Embryo Spinal Cord. Journal of Neuroscience, 1998, 18, 7903-7911.	3.6	58
13	Malonate induces cell death via mitochondrial potential collapse and delayed swelling through an ROS-dependent pathway. British Journal of Pharmacology, 2005, 144, 528-537.	5.4	58
14	Regulation of apoptosis/necrosis execution in cadmium-treated human promonocytic cells under different forms of oxidative stress. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 673-686.	4.9	54
15	Neuronal survival induced by neurotrophins requires calmodulin. Journal of Cell Biology, 2001, 154, 585-598.	5.2	53
16	A Dual Role of IFN-Î± in the Balance between Proliferation and Death of Human CD4+ T Lymphocytes during Primary Response. Journal of Immunology, 2004, 173, 3740-3747.	0.8	51
17	Identification and Characterization of AIFsh2, a Mitochondrial Apoptosis-inducing Factor (AIF) Isoform with NADH Oxidase Activity. Journal of Biological Chemistry, 2006, 281, 18507-18518.	3.4	51
18	Mitochondrial dysfunction in CD47-mediated caspase-independent cell death: ROS production in the absence of cytochrome c and AIF release. Biochimie, 2003, 85, 741-746.	2.6	48

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19	Use of Penetrating Peptides Interacting with PP1/PP2A Proteins As a General Approach for a Drug Phosphatase Technology. Molecular Pharmacology, 2006, 69, 1115-1124.	2.3	46
20	Isolation of AmphiCASP-3/7, an ancestral caspase from amphioxus (Branchiostoma floridae). Evolutionary considerations for vertebrate caspases. Cell Death and Differentiation, 2002, 9, 1078-1089.	11.2	39
21	Expression of dengue ApoptoM sequence results in disruption of mitochondrial potential and caspase activation. Biochimie, 2003, 85, 789-793.	2.6	38
22	Chromatin Collapse during Caspase-dependent Apoptotic Cell Death Requires DNA Fragmentation Factor, 40-kDa Subunit-/Caspase-activated Deoxyribonuclease-mediated 3â€²-OH Single-strand DNA Breaks. Journal of Biological Chemistry, 2013, 288, 9200-9215.	3.4	38
23	BCL-XL regulates TNF-Î±-mediated cell death independently of NF-ÎºB, FLIP and IAPs. Cell Research, 2008, 18, 1020-1036.	12.0	37
24	Cisplatin-induced peripheral neuropathy is associated with neuronal senescence-like response. Neuro-Oncology, 2021, 23, 88-99.	1.2	36
25	High level of Bcl-2 counteracts apoptosis mediated by a live rabies virus vaccine strain and induces long-term infection. Virology, 2003, 314, 549-561.	2.4	34
26	Reducing the Levels of Akt Activation by PDK1 Knock-in Mutation Protects Neuronal Cultures against Synthetic Amyloid-Beta Peptides. Frontiers in Aging Neuroscience, 2017, 9, 435.	3.4	29
27	Apoptotic DNA Degradation into Oligonucleosomal Fragments, but Not Apoptotic Nuclear Morphology, Relies on a Cytosolic Pool of DFF40/CAD Endonuclease. Journal of Biological Chemistry, 2012, 287, 7766-7779.	3.4	28
28	Serum Deprivation and Protein Synthesis Inhibition Induce Two Different Apoptotic Processes in N18 Neuroblastoma Cells. Experimental Cell Research, 1998, 238, 422-429.	2.6	27
29	FAIM-L Is an IAP-Binding Protein That Inhibits XIAP Ubiquitinylation and Protects from Fas-Induced Apoptosis. Journal of Neuroscience, 2013, 33, 19262-19275.	3.6	27
30	Caspase-independent type III programmed cell death in chronic lymphocytic leukemia: the key role of the F-actin cytoskeleton. Haematologica, 2009, 94, 507-517.	3.5	26
31	Different contribution of BH3-only proteins and caspases to doxorubicin-induced apoptosis in p53-deficient leukemia cells. Biochemical Pharmacology, 2010, 79, 1746-1758.	4.4	26
32	Apoptosis Inversely Correlates with Rabies Virus Neurotropism. Annals of the New York Academy of Sciences, 2003, 1010, 598-603.	3.8	25
33	Cell Death Triggered by the Autophagy Inhibitory Drug 3-Methyladenine in Growing Conditions Proceeds With DNA Damage. Frontiers in Pharmacology, 2020, 11, 580343.	3.5	24
34	7-Bromoindirubin-3â€²-oxime uncovers a serine protease-mediated paradigm of necrotic cell death. Biochemical Pharmacology, 2008, 76, 39-52.	4.4	22
35	Methadone induces CAD degradation and AIF-mediated necrotic-like cell death in neuroblastoma cells. Pharmacological Research, 2011, 63, 352-360.	7.1	18
36	Autophagy exacerbates caspase-dependent apoptotic cell death after short times of starvation. Biochemical Pharmacology, 2015, 98, 573-586.	4.4	18

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37	Autonomic nervous system and cancer. Clinical Autonomic Research, 2018, 28, 301-314.	2.5	18
38	An intrinsic DFF40/CAD endonuclease deficiency impairs oligonucleosomal DNA hydrolysis during caspase-dependent cell death: a common trait in human glioblastoma cells. Neuro-Oncology, 2016, 18, 950-961.	1.2	17
39	An Early and Robust Activation of Caspases Heads Cells for a Regulated Form of Necrotic-like Cell Death. Journal of Biological Chemistry, 2015, 290, 20841-20855.	3.4	15
40	The Death Receptor Antagonist FLIP-L Interacts with Trk and Is Necessary for Neurite Outgrowth Induced by Neurotrophins. Journal of Neuroscience, 2010, 30, 6094-6105.	3.6	13
41	Characterization of splice variants of human caspase-activated DNase with CIDE-N structure and function. FEBS Letters, 2004, 566, 234-240.	2.8	10
42	NF-Î¹B activation fails to protect cells to TNFÎ±-induced apoptosis in the absence of Bcl-xL, but not Mcl-1, Bcl-2 or Bcl-w. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1085-1095.	4.1	10
43	2-Phenylethynesulfonamide (PES) uncovers a necrotic process regulated by oxidative stress and p53. Biochemical Pharmacology, 2014, 91, 301-311.	4.4	10
44	Caspase-activated DNase Is Necessary and Sufficient for Oligonucleosomal DNA Breakdown, but Not for Chromatin Disassembly during Caspase-dependent Apoptosis of LN-18 Glioblastoma Cells. Journal of Biological Chemistry, 2014, 289, 18752-18769.	3.4	9
45	Synthesis and Validation of a Bioinspired Catechol-Functionalized Pt(IV) Prodrug for Preclinical Intranasal Glioblastoma Treatment. Cancers, 2022, 14, 410.	3.7	9
46	Successful Partnerships: Exploring the Potential of Immunogenic Signals Triggered by TMZ, CX-4945, and Combined Treatment in GL261 Glioblastoma Cells. International Journal of Molecular Sciences, 2021, 22, 3453.	4.1	7
47	Early Apoptotic Reorganization of Spliceosomal Proteins Involves Caspases, <scp>CAD</scp> and Rearrangement of <scp>NuMA</scp>. Traffic, 2012, 13, 257-272.	2.7	5
48	Intranasal Administration of Catechol-Based Pt(IV) Coordination Polymer Nanoparticles for Glioblastoma Therapy. Nanomaterials, 2022, 12, 1221.	4.1	4
49	Binding patterns of lectins with GalNAc specificity in the mouse dorsal root ganglia and spinal cord. Journal of Neurocytology, 1999, 28, 75-84.	1.5	3
50	AChE for DNA degradation. Cell Research, 2015, 25, 653-654.	12.0	3
51	Gossypol Treatment Restores Insufficient Apoptotic Function of DFF40/CAD in Human Glioblastoma Cells. Cancers, 2021, 13, 5579.	3.7	2
52	Glioblastoma Cells Counteract PARP Inhibition through Pro-Survival Induction of Lipid Droplets Synthesis and Utilization. Cancers, 2022, 14, 726.	3.7	1
53	Senescence in neurons: an open issue. Aging, 2021, 13, 16902-16903.	3.1	0
54	Characterization of splice variants of human caspase-activated DNase with CIDE-N structure and function. FEBS Letters, 2004, 566, 234-240.	2.8	0