

F Javier Oliver

List of Publications by Year in descending order

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99
papers

14,700
citations

87888

38
h-index

38395

95
g-index

102
all docs

102
docs citations

102
times ranked

27073
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Requirement of poly(ADP-ribose) polymerase in recovery from DNA damage in mice and in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 7303-7307.	7.1	991
4	Importance of Poly(ADP-ribose) Polymerase and Its Cleavage in Apoptosis. <i>Journal of Biological Chemistry</i> , 1998, 273, 33533-33539.	3.4	665
5	Resistance to endotoxic shock as a consequence of defective NF-kappa B activation in poly (ADP-ribose) polymerase-1 deficient mice. <i>EMBO Journal</i> , 1999, 18, 4446-4454.	7.8	534
6	Involvement of poly(ADP-ribose) polymerase in base excision repair. <i>Biochimie</i> , 1999, 81, 69-75.	2.6	317
7	DNA repair defect in poly(ADP-ribose) polymerase-deficient cell lines. <i>Nucleic Acids Research</i> , 1998, 26, 2644-2649.	14.5	312
8	Poly(ADP-ribose) signaling in cell death. <i>Molecular Aspects of Medicine</i> , 2013, 34, 1153-1167.	6.4	218
9	PARP-1 is involved in autophagy induced by DNA damage. <i>Autophagy</i> , 2009, 5, 61-74.	9.1	211
10	Contextual Synthetic Lethality of Cancer Cell Kill Based on the Tumor Microenvironment. <i>Cancer Research</i> , 2010, 70, 8045-8054.	0.9	211
11	ROS-induced DNA damage and PARP-1 are required for optimal induction of starvation-induced autophagy. <i>Cell Research</i> , 2012, 22, 1181-1198.	12.0	201
12	PARP inhibitors: New partners in the therapy of cancer and inflammatory diseases. <i>Free Radical Biology and Medicine</i> , 2009, 47, 13-26.	2.9	168
13	Vasculogenic mimicry signaling revisited: focus on non-vascular VE-cadherin. <i>Molecular Cancer</i> , 2017, 16, 65.	19.2	156
14	Interaction between ATM and PARP-1 in response to DNA damage and sensitization of ATM deficient cells through PARP inhibition. <i>BMC Molecular Biology</i> , 2007, 8, 29.	3.0	144
15	Poly(ADP-Ribose) Polymerase in the Cellular Response to DNA Damage, Apoptosis, and Disease. <i>American Journal of Human Genetics</i> , 1999, 64, 1282-1288.	6.2	133
16	Inhibition of Poly(ADP-Ribose) Polymerase Modulates Tumor-Related Gene Expression, Including Hypoxia-Inducible Factor-1 Activation, during Skin Carcinogenesis. <i>Cancer Research</i> , 2006, 66, 5744-5756.	0.9	127
17	Modulation of Transcription by PARP-1: Consequences in Carcinogenesis and Inflammation. <i>Current Medicinal Chemistry</i> , 2007, 14, 1179-1187.	2.4	126
18	PARP-1 Regulates Metastatic Melanoma through Modulation of Vimentin-induced Malignant Transformation. <i>PLoS Genetics</i> , 2013, 9, e1003531.	3.5	115

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19	PARP-1 modifies the effectiveness of p53-mediated DNA damage response. <i>Oncogene</i> , 2002, 21, 1108-1116.	5.9	112
20	Exosomes derived from mesenchymal stem cells enhance radiotherapy-induced cell death in tumor and metastatic tumor foci. <i>Molecular Cancer</i> , 2018, 17, 122.	19.2	100
21	PARP inhibition sensitizes p53-deficient breast cancer cells to doxorubicin-induced apoptosis. <i>Biochemical Journal</i> , 2005, 386, 119-125.	3.7	86
22	Vasculogenic Mimicry: Become an Endothelial Cell "But Not So Much". <i>Frontiers in Oncology</i> , 2019, 9, 803.	2.8	77
23	Loss of poly(ADP-ribose) polymerase-1 causes increased tumour latency in p53-deficient mice. <i>EMBO Journal</i> , 2001, 20, 3535-3543.	7.8	69
24	Assessing the Use of p16INK4a Promoter Gene Methylation in Serum for Detection of Bladder Cancer. <i>European Urology</i> , 2002, 42, 622-630.	1.9	66
25	Transcription regulation of TNF- α -early response genes by poly(ADP-ribose) polymerase-1 in murine heart endothelial cells. <i>Nucleic Acids Research</i> , 2004, 32, 757-766.	14.5	66
26	Hypermethylated 14-3-3 β and ESR1 gene promoters in serum as candidate biomarkers for the diagnosis and treatment efficacy of breast cancer metastasis. <i>BMC Cancer</i> , 2010, 10, 217.	2.6	61
27	Inhibition of poly adenosine diphosphate-ribose polymerase decreases hepatocellular carcinoma growth by modulation of tumor-related gene expression. <i>Hepatology</i> , 2010, 51, 255-266.	7.3	61
28	VE-cadherin promotes vasculogenic mimicry by modulating kaiso-dependent gene expression. <i>Cell Death and Differentiation</i> , 2019, 26, 348-361.	11.2	61
29	Quantitative detection of methylated ESR1 and 14-3-3 β gene promoters in serum as candidate biomarkers for diagnosis of breast cancer and evaluation of treatment efficacy. <i>Cancer Biology and Therapy</i> , 2008, 7, 958-965.	3.4	58
30	Early and late skin reactions to radiotherapy for breast cancer and their correlation with radiation-induced DNA damage in lymphocytes. <i>Breast Cancer Research</i> , 2005, 7, R690-8.	5.0	56
31	Poly(ADP-ribose)-dependent regulation of Snail1 protein stability. <i>Oncogene</i> , 2011, 30, 4365-4372.	5.9	55
32	Crosstalk between PARP-1 and NF- κ B modulates the promotion of skin neoplasia. <i>Oncogene</i> , 2004, 23, 5275-5283.	5.9	54
33	Poly(ADP-ribose)polymerase-1 (PARP-1) in carcinogenesis: potential role of PARP inhibitors in cancer treatment. <i>Clinical and Translational Oncology</i> , 2008, 10, 318-323.	2.4	52
34	Human umbilical cord stromal stem cell express CD10 and exert contractile properties. <i>Placenta</i> , 2011, 32, 86-95.	1.5	52
35	Interaction between PARP-1 and HIF-2 α in the hypoxic response. <i>Oncogene</i> , 2014, 33, 891-898.	5.9	47
36	Autophagy requires poly(adp-ribosyl)ation-dependent AMPK nuclear export. <i>Cell Death and Differentiation</i> , 2016, 23, 2007-2018.	11.2	44

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37	Allogeneic Adipose-Derived Mesenchymal Stromal Cells Ameliorate Experimental Autoimmune Encephalomyelitis by Regulating Self-Reactive T Cell Responses and Dendritic Cell Function. <i>Stem Cells International</i> , 2017, 2017, 1-15.	2.5	42
38	Therapeutic Effect of a Poly(ADP-Ribose) Polymerase-1 Inhibitor on Experimental Arthritis by Downregulating Inflammation and Th1 Response. <i>PLoS ONE</i> , 2007, 2, e1071.	2.5	40
39	Induction of resistance to endothelin-1's biochemical actions by elevated glucose levels in retinal pericytes. <i>Diabetes</i> , 1992, 41, 1533-1539.	0.6	40
40	dNTP pools imbalance as a signal to initiate apoptosis. <i>Experientia</i> , 1996, 52, 995-1000.	1.2	39
41	PARP1 and Poly(ADP-ribosyl)ation Signaling during Autophagy in Response to Nutrient Deprivation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	39
42	PARP targeting counteracts gliomagenesis through induction of mitotic catastrophe and aggravation of deficiency in homologous recombination in PTEN-mutant glioma. <i>Oncotarget</i> , 2015, 6, 4790-4803.	1.8	37
43	The importance of bystander effects in radiation therapy in melanoma skin-cancer cells and umbilical-cord stromal stem cells. <i>Radiotherapy and Oncology</i> , 2012, 102, 450-458.	0.6	36
44	PARP-1 modulates deferoxamine-induced HIF-1 α accumulation through the regulation of nitric oxide and oxidative stress. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 2248-2260.	2.6	35
45	Selective modulation by PARP-1 of HIF-1 α -recruitment to chromatin during hypoxia is required for tumor adaptation to hypoxic conditions. <i>Redox Biology</i> , 2021, 41, 101885.	9.0	34
46	Dioxin receptor regulates aldehyde dehydrogenase to block melanoma tumorigenesis and metastasis. <i>Molecular Cancer</i> , 2015, 14, 148.	19.2	31
47	The Multifactorial Role of PARP-1 in Tumor Microenvironment. <i>Cancers</i> , 2020, 12, 739.	3.7	31
48	Poly(ADP-ribose) polymerase-1 modulation of <i>in vivo</i> response of brain hypoxia-inducible factor-1 to hypoxia/reoxygenation is mediated by nitric oxide and factor inhibiting HIF. <i>Journal of Neurochemistry</i> , 2009, 111, 150-159.	3.9	30
49	Deciphering the Insights of Poly(ADP-Ribosylation) in Tumor Progression. <i>Medicinal Research Reviews</i> , 2015, 35, 678-697.	10.5	30
50	Bcl-2 Oncogene Protects a Bone Marrow-Derived Pre-B Cell Line from 5-Fluor,2-deoxyuridine-Induced Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 126-132.	2.1	27
51	Overexpression of a Heterologous Thymidine Kinase Delays Apoptosis Induced by Factor Deprivation and Inhibitors of Deoxynucleotide Metabolism. <i>Journal of Biological Chemistry</i> , 1997, 272, 10624-10630.	3.4	27
52	Crosstalk between hydroxytyrosol, a major olive oil phenol, and HIF-1 in MCF-7 breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 6361.	3.3	26
53	Tankyrases as modulators of pro-tumoral functions: molecular insights and therapeutic opportunities. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 144.	8.6	26
54	Human mesenchymal stem cells enhance the systemic effects of radiotherapy. <i>Oncotarget</i> , 2015, 6, 31164-31180.	1.8	26

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55	Inhibition of poly (ADP-ribose) polymerase-1 enhances doxorubicin activity against liver cancer cells. <i>Cancer Letters</i> , 2011, 301, 47-56.	7.2	25
56	Direct and bystander radiation effects: A biophysical model and clinical perspectives. <i>Cancer Letters</i> , 2015, 356, 5-16.	7.2	25
57	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 1999, 193, 53-60.	3.1	24
58	Activated carbon cloth as support for mesenchymal stem cell growth and differentiation to osteocytes. <i>Carbon</i> , 2009, 47, 3574-3577.	10.3	24
59	Nitric oxide modulates hypoxia-inducible factor-1 and poly(ADP-ribose) polymerase-1 cross talk in response to hyperbaric hypoxia. <i>Journal of Applied Physiology</i> , 2012, 112, 816-823.	2.5	24
60	Regulation of the salvage pathway of deoxynucleotides synthesis in apoptosis induced by growth factor deprivation. <i>Biochemical Journal</i> , 1996, 316, 421-425.	3.7	19
61	Effects of Starvation, Diabetes and Carbon Tetrachloride Intoxication on Rat Kidney Cortex and Liver Pyruvate Carboxylase Levels. <i>Archives of Physiology and Biochemistry</i> , 1996, 104, 845-850.	2.1	18
62	Emerging noninvasive methylation biomarkers of cancer prognosis and drug response prediction. <i>Seminars in Cancer Biology</i> , 2022, 83, 584-595.	9.6	18
63	Activation-induced apoptosis in Jurkat cells through a myc-independent mechanism. <i>Molecular Immunology</i> , 1995, 32, 947-955.	2.2	17
64	Enhancing the Bystander and Abscopal Effects to Improve Radiotherapy Outcomes. <i>Frontiers in Oncology</i> , 2020, 9, 1381.	2.8	17
65	Parp3 promotes astrocytic differentiation through a tight regulation of Nox4-induced ROS and mTorc2 activation. <i>Cell Death and Disease</i> , 2020, 11, 954.	6.3	17
66	PARP Inhibition Attenuates Histopathological Lesion in Ischemia/Reperfusion Renal Mouse Model after Cold Prolonged Ischemia. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	2.1	13
67	Poly[ADP-Ribose] Polymerase-1 Expression Is Related To Cold Ischemia, Acute Tubular Necrosis, and Delayed Renal Function In Kidney Transplantation. <i>PLoS ONE</i> , 2009, 4, e7138.	2.5	13
68	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95â€“CD95 ligand interaction. <i>Biochemical Journal</i> , 2001, 353, 101-108.	3.7	10
69	Functional Consequences for Apoptosis by Transcription Elongation Regulator 1 (TCERG1)-Mediated Bcl-x and Fas/CD95 Alternative Splicing. <i>PLoS ONE</i> , 2015, 10, e0139812.	2.5	10
70	Citrate inhibition of rat-kidney cortex phosphofructokinase. <i>Molecular and Cellular Biochemistry</i> , 1994, 135, 123-128.	3.1	9
71	PIM kinases mediate resistance of glioblastoma cells to TRAIL by a p62/SQSTM1-dependent mechanism. <i>Cell Death and Disease</i> , 2019, 10, 51.	6.3	9
72	A dual approach in the study of poly (ADP-ribose) polymerase: In vitro random mutagenesis and generation of deficient mice. , 1999, , 53-60.		9

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73	Regulation of rat-kidney cortex fructose-1,6-bisphosphatase activity. I. Effects of fructose-2,6-bisphosphate and divalent cations. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 1963-1968.	0.5	8
74	A dual approach in the study of poly (ADP-ribose) polymerase: in vitro random mutagenesis and generation of deficient mice. <i>Molecular and Cellular Biochemistry</i> , 1999, 193, 53-60.	3.1	8
75	Distribution of pyruvate carboxylase along the rat nephron: An immunological and enzymatic study. <i>Kidney International</i> , 1991, 39, 1162-1167.	5.2	7
76	PARP-1-dependent 3-nitrotyrosine protein modification after DNA damage. <i>Journal of Cellular Biochemistry</i> , 2005, 96, 709-715.	2.6	7
77	Role of Poly-(ADP-Ribose) Polymerase in Transplant Acute Tubular Necrosis and Its Relationship With Delayed Renal Function. <i>Transplantation Proceedings</i> , 2005, 37, 1421-1423.	0.6	7
78	Poly(ADP-Ribose) Polymerase Expression in Kidney Transplantation: From Alfa (Î±) to Omega (Î©). <i>Transplantation Proceedings</i> , 2007, 39, 2099-2101.	0.6	7
79	Endothelial Phosphatase VE-PTP Participates in Vasculogenic Mimicry by Preventing Autophagic Degradation of VE-Cadherin. <i>Frontiers in Oncology</i> , 2020, 10, 18.	2.8	7
80	Correlation of morphological findings with functional reserve in the aging donor: role of the poly (ADP-ribose) polymerase. <i>Transplantation Proceedings</i> , 2004, 36, 733-735.	0.6	6
81	Enhancing tumor-targeting monoclonal antibodies therapy by PARP inhibitors. <i>OncolImmunology</i> , 2016, 5, e1065370.	4.6	6
82	Implications of Hyperoxia over the Tumor Microenvironment: An Overview Highlighting the Importance of the Immune System. <i>Cancers</i> , 2022, 14, 2740.	3.7	6
83	Interactions between radiotherapy and endocrine therapy in breast cancer.. <i>Endocrine-Related Cancer</i> , 2002, 9, 197-205.	3.1	5
84	Role of Poly (ADP-Ribose) Polymerase in Kidney Transplant and Its Relationship With Delayed Renal Function: Multivariate Analysis. <i>Transplantation Proceedings</i> , 2005, 37, 3684-3687.	0.6	5
85	Growth and spontaneous differentiation of umbilical-cord stromal stem cells on activated carbon cloth. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3359.	5.8	5
86	The PARP Inhibitor Olaparib Modulates the Transcriptional Regulatory Networks of Long Non-Coding RNAs during Vasculogenic Mimicry. <i>Cells</i> , 2020, 9, 2690.	4.1	5
87	Effects of AMP and fructose 2,6-bisphosphate on fluxes between glucose 6-phosphate and triose-phosphate in renal cortical extracts. <i>Journal of Biological Chemistry</i> , 1993, 268, 19352-7.	3.4	5
88	Regulation of rat-kidney cortex fructose-1,6-bisphosphatase activity. II. Effects of adenine nucleotides. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 1969-1974.	0.5	4
89	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95â€™CD95 ligand interaction. <i>Biochemical Journal</i> , 2000, 353, 101.	3.7	4
90	Kinetic characterization of phosphofructokinase isolated from rat kidney cortex. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 98, 495-500.	0.2	3

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91	Mitochondrial pyruvate metabolism in liver and kidney during acidosis. Cell Biochemistry and Function, 1994, 12, 229-235.	2.9	3
92	Apoptosis of haematopoietic cells upon thymidylate synthase inhibition is independent of p53 accumulation and CD95-CD95 ligand interaction. Biochemical Journal, 2001, 353, 101-108.	3.7	3
93	Regulation of Rat-Renal Cortex Phosphofructokinase Activity by pH. Enzyme & Protein, 1993, 47, 99-104.	1.4	2
94	Role of Poly(ADP-Ribose) in Catalyzing Starvation-Induced Autophagy. , 2016, , 99-118.		2
95	Poly(ADP-Ribose) Polymerase Is Required for Maintenance of Genomic Integrity During Base Excision Repair. Nucleic Acids and Molecular Biology, 1998, , 83-102.	0.2	2
96	La poly(ADP-ribose) polymérase : un facteur de survie.. Medecine/Sciences, 1998, 14, 1196.	0.2	2
97	PARP-1 modifies the effectiveness of p53-mediated DNA damage response. , 0, .		1
98	Glioblastoma Cells Counteract PARP Inhibition through Pro-Survival Induction of Lipid Droplets Synthesis and Utilization. Cancers, 2022, 14, 726.	3.7	1
99	Abstract A115: Contextual synthetic lethality: Repair-deficient hypoxic tumor cells are sensitized to poly(ADP-ribose) polymerase (PARP) inhibition. , 2009, , .		0