

Arno F Alpi

List of Publications by Year in descending order

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33
papers

2,325
citations

304743

22
h-index

395702

33
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35
all docs

35
docs citations

35
times ranked

2983
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and cytological characterization of the recombination protein RAD-51 in <i>Caenorhabditis elegans</i> . <i>Chromosoma</i> , 2003, 112, 6-16.	2.2	222
2	A Novel 14-Kilodalton Protein Interacts with the Mitogen-Activated Protein Kinase Scaffold Mp1 on a Late Endosomal/Lysosomal Compartment. <i>Journal of Cell Biology</i> , 2001, 152, 765-776.	5.2	189
3	The vertebrate Hef ortholog is a component of the Fanconi anemia tumor-suppressor pathway. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 763-771.	8.2	182
4	Two Distinct Types of E3 Ligases Work in Unison to Regulate Substrate Ubiquitylation. <i>Cell</i> , 2016, 166, 1198-1214.e24.	28.9	172
5	Mechanistic Insight into Site-Restricted Monoubiquitination of FANCD2 by Ube2t, FANCL, and FANCI. <i>Molecular Cell</i> , 2008, 32, 767-777.	9.7	170
6	<i>C. elegans</i> RAD-5/CLK-2 defines a new DNA damage checkpoint protein. <i>Current Biology</i> , 2001, 11, 1934-1944.	3.9	154
7	Structure of HHARI, a RING-IBR-RING Ubiquitin Ligase: Autoinhibition of an Ariadne-Family E3 and Insights into Ligation Mechanism. <i>Structure</i> , 2013, 21, 1030-1041.	3.3	116
8	The <i>Caenorhabditis elegans</i> Homolog of Gen1/Yen1 Resolvases Links DNA Damage Signaling to DNA Double-Strand Break Repair. <i>PLoS Genetics</i> , 2010, 6, e1001025.	3.5	86
9	TRIAD1 and HHARI bind to and are activated by distinct neddylated Cullin-RING ligase complexes. <i>EMBO Journal</i> , 2013, 32, 2848-2860.	7.8	84
10	Blocking an N-terminal acetylation-dependent protein interaction inhibits an E3 ligase. <i>Nature Chemical Biology</i> , 2017, 13, 850-857.	8.0	80
11	UBE2T, the Fanconi Anemia Core Complex, and FANCD2 Are Recruited Independently to Chromatin: a Basis for the Regulation of FANCD2 Monoubiquitination. <i>Molecular and Cellular Biology</i> , 2007, 27, 8421-8430.	2.3	79
12	Multiple Genetic Pathways Involving the <i>Caenorhabditis elegans</i> Bloom's Syndrome Genes him-6, rad-51, and top-3 Are Needed To Maintain Genome Stability in the Germ Line. <i>Molecular and Cellular Biology</i> , 2004, 24, 5016-5027.	2.3	74
13	The Walker B motif in avian FANCM is required to limit sister chromatid exchanges but is dispensable for DNA crosslink repair. <i>Nucleic Acids Research</i> , 2009, 37, 4360-4370.	14.5	71
14	Monoubiquitylation in the Fanconi anemia DNA damage response pathway. <i>DNA Repair</i> , 2009, 8, 430-435.	2.8	62
15	AluY-mediated germline deletion, duplication and somatic stem cell reversion in <i>UBE2T</i> defines a new subtype of Fanconi anemia. <i>Human Molecular Genetics</i> , 2015, 24, 5093-5108.	2.9	62
16	E3 Ubiquitin Ligase HOIP Attenuates Apoptotic Cell Death Induced by Cisplatin. <i>Cancer Research</i> , 2014, 74, 2246-2257.	0.9	61
17	Mechanism and disease association of E2-conjugating enzymes: lessons from UBE2T and UBE2L3. <i>Biochemical Journal</i> , 2016, 473, 3401-3419.	3.7	51
18	Interconversion between Anticipatory and Active GID E3 Ubiquitin Ligase Conformations via Metabolically Driven Substrate Receptor Assembly. <i>Molecular Cell</i> , 2020, 77, 150-163.e9.	9.7	50

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19	GID E3 ligase supramolecular chelate assembly configures multipronged ubiquitin targeting of an oligomeric metabolic enzyme. <i>Molecular Cell</i> , 2021, 81, 2445-2459.e13.	9.7	44
20	Functional Dissection of <i>Caenorhabditis elegans</i> CLK-2/TEL2 Cell Cycle Defects during Embryogenesis and Germline Development. <i>PLoS Genetics</i> , 2009, 5, e1000451.	3.5	43
21	ARIH2 Is a Vif-Dependent Regulator of CUL5-Mediated APOBEC3G Degradation in HIV Infection. <i>Cell Host and Microbe</i> , 2019, 26, 86-99.e7.	11.0	42
22	The Fanconi Anaemia Components UBE2T and FANCM Are Functionally Linked to Nucleotide Excision Repair. <i>PLoS ONE</i> , 2012, 7, e36970.	2.5	38
23	CUL5-ARIH2 E3-E3 ubiquitin ligase structure reveals cullin-specific NEDD8 activation. <i>Nature Chemical Biology</i> , 2021, 17, 1075-1083.	8.0	30
24	The ubiquitin ligation machinery in the defense against bacterial pathogens. <i>EMBO Reports</i> , 2021, 22, e52864.	4.5	28
25	The Fanconi Anemia DNA Repair Pathway Is Regulated by an Interaction between Ubiquitin and the E2-like Fold Domain of FANCL. <i>Journal of Biological Chemistry</i> , 2015, 290, 20995-21006.	3.4	23
26	RNF8 and RNF168 but not HERC2 are required for DNA damage-induced ubiquitylation in chicken DT40 cells. <i>DNA Repair</i> , 2012, 11, 892-905.	2.8	22
27	FBXO11-mediated proteolysis of BAHD1 relieves PRC2-dependent transcriptional repression in erythropoiesis. <i>Blood</i> , 2021, 137, 155-167.	1.4	22
28	Integrative proteomics reveals principles of dynamic phosphosignaling networks in human erythropoiesis. <i>Molecular Systems Biology</i> , 2020, 16, e9813.	7.2	21
29	<i>C. elegans</i> Ring Finger Protein RNF-113 Is Involved in Interstrand DNA Crosslink Repair and Interacts with a RAD51C Homolog. <i>PLoS ONE</i> , 2013, 8, e60071.	2.5	13
30	Coupled monoubiquitylation of the co-E3 ligase DCNL1 by Ariadne-RBR E3 ubiquitin ligases promotes cullin-RING ligase complex remodeling. <i>Journal of Biological Chemistry</i> , 2019, 294, 2651-5314.	3.4	13
31	Loss of ubiquitin E2 Ube2w rescues hypersensitivity of Rnf4 mutant cells to DNA damage. <i>Scientific Reports</i> , 2016, 6, 26178.	3.3	11
32	Cell Cycle: Check for Asynchrony. <i>Current Biology</i> , 2003, 13, R560-R562.	3.9	5
33	ZOMES: the intriguing interplay of PCI complexes and the ubiquitin in protein homeostasis. <i>Cell Death and Disease</i> , 2017, 8, e3021-e3021.	6.3	3