

Alvaro Galli

List of Publications by Year in descending order

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88
papers

1,576
citations

361413

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all docs

88
docs citations

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times ranked

2126
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation and Data-Integration of Yeast-Based Assays for Functional Classification of BRCA1 Missense Variants. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4049.	4.1	3
2	OUP accepted manuscript. <i>FEMS Yeast Research</i> , 2022, , .	2.3	2
3	Characterization of Viral Genome Encapsidated in Adeno-associated Recombinant Vectors Produced in Yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biotechnology</i> , 2021, 63, 156-165.	2.4	3
4	Detection of Germline Variants in 450 Breast/Ovarian Cancer Families with a Multi-Gene Panel Including Coding and Regulatory Regions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7693.	4.1	6
5	Yeast as a Tool to Understand the Significance of Human Disease-Associated Gene Variants. <i>Genes</i> , 2021, 12, 1303.	2.4	11
6	Effect of BRCA1 missense variants on gene reversion in DNA double-strand break repair mutants and cell cycle-arrested cells of <i>Saccharomyces cerevisiae</i> . <i>Mutagenesis</i> , 2020, 35, 189-195.	2.6	12
7	Inhibition of DNA Repair in Cancer Therapy: Toward a Multi-Target Approach. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6684.	4.1	24
8	Yeast-based assays for the functional characterization of cancer-associated variants of human DNA repair genes. <i>Microbial Cell</i> , 2020, 7, 162-174.	3.2	10
9	Development of a yeast-based system to identify new hBRAFV600E functional interactors. <i>Oncogene</i> , 2019, 38, 1355-1366.	5.9	8
10	Computational analysis of data from a genome-wide screening identifies new <i>PARP1</i> functional interactors as potential therapeutic targets. <i>Oncotarget</i> , 2019, 10, 2722-2737.	1.8	11
11	Functional Interaction Between BRCA1 and DNA Repair in Yeast May Uncover a Role of RAD50, RAD51, MRE11A, and MSH6 Somatic Variants in Cancer Development. <i>Frontiers in Genetics</i> , 2018, 9, 397.	2.3	18
12	Strategies to optimize capsid protein expression and single-stranded DNA formation of adeno-associated virus in <i>Saccharomyces cerevisiae</i> . <i>Journal of Applied Microbiology</i> , 2017, 123, 414-428.	3.1	8
13	CRIMEtoYHU: a new web tool to develop yeast-based functional assays for characterizing cancer-associated missense variants. <i>FEMS Yeast Research</i> , 2017, 17, .	2.3	4
14	Whole-exome analysis of a Liê€Fraumeni family trio with a novel TP53 PRD mutation and anticipation profile. <i>Carcinogenesis</i> , 2017, 38, 938-943.	2.8	8
15	A New Natural Antioxidant Mixture Protects against Oxidative and DNA Damage in Endothelial Cell Exposed to Low-Dose Irradiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	4.0	9
16	Expression of cancer related BRCA1 missense variants decreases MMS-induced recombination in <i>Saccharomyces cerevisiae</i> without altering its nuclear localization. <i>Cell Cycle</i> , 2016, 15, 2723-2731.	2.6	9
17	BRCA1 Circos: a visualisation resource for functional analysis of missense variants. <i>Journal of Medical Genetics</i> , 2015, 52, 224-230.	3.2	32
18	Requirement of POL3 and POL4 on non-homologous and microhomology-mediated end joining in <i>rad50/xrs2</i> mutants of <i>Saccharomyces cerevisiae</i> . <i>Mutagenesis</i> , 2015, 30, 841-849.	2.6	9

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19	Expression of human poly (ADP-ribose) polymerase 1 in <i>Saccharomyces cerevisiae</i> : Effect on survival, homologous recombination and identification of genes involved in intracellular localization. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 774, 14-24.	1.0	8
20	MSH2 role in BRCA1-driven tumorigenesis: A preliminary study in yeast and in human tumors from BRCA1-VUS carriers. <i>European Journal of Medical Genetics</i> , 2015, 58, 531-539.	1.3	18
21	Cytosolic 5â€™-Nucleotidase II Interacts with the Leucin Rich Repeat of NLR Family Member Ipaf. <i>PLoS ONE</i> , 2015, 10, e0121525.	2.5	17
22	Functional Assays for Analysis of Variants of Uncertain Significance in <i>BRCA2</i> . <i>Human Mutation</i> , 2014, 35, 151-164.	2.5	107
23	Inverted terminal repeats of adeno-associated virus decrease random integration of a gene targeting fragment in <i>Saccharomyces cerevisiae</i> . <i>BMC Molecular Biology</i> , 2014, 15, 5.	3.0	6
24	The expanding role of yeast in cancer research and diagnosis: insights into the function of the oncosuppressors p53 and BRCA1/2. <i>FEMS Yeast Research</i> , 2014, 14, 2-16.	2.3	51
25	Silencing of BRCA2 decreases anoikis and its heterologous expression sensitizes yeast cells to acetic acid-induced programmed cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1330-1341.	4.9	7
26	Effects of single and fractionated low-dose irradiation on vascular endothelial cells. <i>Atherosclerosis</i> , 2014, 235, 510-518.	0.8	60
27	DNA modifications in atherosclerosis: From the past to the future. <i>Atherosclerosis</i> , 2013, 230, 202-209.	0.8	51
28	Effect of the expression of BRCA2 on spontaneous homologous recombination and DNA damage-induced nuclear foci in <i>Saccharomyces cerevisiae</i> . <i>Mutagenesis</i> , 2013, 28, 187-195.	2.6	19
29	Expression of Bovine Cytosolic 5â€™-Nucleotidase (cN-II) in Yeast: Nucleotide Pools Disturbance and Its Consequences on Growth and Homologous Recombination. <i>PLoS ONE</i> , 2013, 8, e63914.	2.5	13
30	DNA Damage and Repair in Atherosclerosis: Current Insights and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16929-16944.	4.1	52
31	Capsid protein expression and adeno-associated virus like particles assembly in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2012, 11, 124.	4.0	20
32	A guide for functional analysis of <i>BRCA1</i> variants of uncertain significance. <i>Human Mutation</i> , 2012, 33, 1526-1537.	2.5	117
33	Formation of AAV Single Stranded DNA Genome from a Circular Plasmid in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2011, 6, e23474.	2.5	11
34	A recombination-based method to characterize human BRCA1 missense variants. <i>Breast Cancer Research and Treatment</i> , 2011, 125, 265-272.	2.5	6
35	Effect of the overexpression of BRCA2 unclassified missense variants on spontaneous homologous recombination in human cells. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 1001-1009.	2.5	13
36	The Over-expression of the β 2 Catalytic Subunit of the Proteasome Decreases Homologous Recombination and Impairs DNA Double-Strand Break Repair in Human Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	6

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37	Initial Studies to Define the Physiologic Role of cN-II. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 1155-1160.	1.1	6
38	Enhancement of gene targeting in human cells by intranuclear permeation of the Saccharomyces cerevisiae Rad52 protein. Nucleic Acids Research, 2010, 38, e149-e149.	14.5	11
39	The pol3-t Hyperrecombination Phenotype and DNA Damage-Induced Recombination in Saccharomyces cerevisiae is RAD50 Dependent. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-9.	3.0	3
40	A yeast recombination assay to characterize human BRCA1 missense variants of unknown pathological significance. Human Mutation, 2009, 30, 123-133.	2.5	39
41	Characterisation of gene expression profiles of yeast cells expressing BRCA1 missense variants. European Journal of Cancer, 2009, 45, 2187-2196.	2.8	6
42	HIV-1 acetylated integrase is targeted by KAP1 (TRIM28) to inhibit viral integration. Retrovirology, 2009, 6, .	2.0	3
43	A yeast-based genetic screening to identify human proteins that increase homologous recombination. FEMS Yeast Research, 2008, 8, 351-361.	2.3	8
44	Pol3 is involved in nonhomologous end-joining in Saccharomyces cerevisiae. DNA Repair, 2008, 7, 1531-1541.	2.8	18
45	Cavity-Creating Mutations in Pseudomonas aeruginosa Azurin: Effects on Protein Dynamics and Stability. Biophysical Journal, 2008, 95, 771-781.	0.5	11
46	Effects of Sugars and Polyols on the Stability of Azurin in Ice. Journal of Physical Chemistry B, 2008, 112, 4372-4380.	2.6	14
47	Yeast Screens Identify the RNA Polymerase II CTD and SPT5 as Relevant Targets of BRCA1 Interaction. PLoS ONE, 2008, 3, e1448.	2.5	28
48	PRMT11: a new Arabidopsis MBD7 protein partner with arginine methyltransferase activity. Plant Journal, 2007, 52, 210-222.	5.7	35
49	Potential of gene targeting in human cells by expression of Saccharomyces cerevisiae Rad52. Nucleic Acids Research, 2005, 33, 4639-4648.	14.5	42
50	Involvement of human p53 in induced intrachromosomal recombination in Saccharomyces cerevisiae. Mutagenesis, 2004, 19, 333-339.	2.6	7
51	Characterization of denatured metallothioneins by reversed phase coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection. Journal of Chromatography A, 2004, 1054, 285-291.	3.7	9
52	Characterization of denatured metallothioneins by reversed phase coupled with on-line chemical vapour generation and atomic fluorescence spectrometric detection. Journal of Chromatography A, 2004, 1054, 285-91.	3.7	4
53	Characterization of the Hyperrecombination Phenotype of the pol3-t Mutation of Saccharomyces cerevisiae. Genetics, 2003, 164, 65-79.	2.9	18
54	TARGETING OF A701G NUCLEOTIDE AT THE HUMAN ATP1A1 LOCUS USING A RNA/DNA CHIMERA. Nucleosides, Nucleotides and Nucleic Acids, 2002, 21, 775-784.	1.1	0

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55	Detection of heterologous bovine pancreatic trypsin inhibitor by capillary zone electrophoresis. <i>Polyhedron</i> , 2002, 21, 1405-1410.	2.2	4
56	Effects of HDF1 (Ku70) and HDF2 (Ku80) on spontaneous and DNA damage-induced intrachromosomal recombination in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 2000, 264, 56-63.	2.4	14
57	Cell division transforms mutagenic lesions into deletion-recombinagenic lesions in yeast cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 429, 13-26.	1.0	52
58	Yeast strains to detect genomic deletions induced by carcinogens in cell-cycle arrested cells. , 1998, 11, 129-133.		2
59	Inhibition of the M r 70,000 S6 kinase pathway by rapamycin results in chromosome malsegregation in yeast and mammalian cells. <i>Chromosoma</i> , 1998, 107, 498-506.	2.2	14
60	Effect of Salmonella assay negative and positive carcinogens on intrachromosomal recombination in S-phase arrested yeast cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1998, 419, 53-68.	1.7	12
61	Effects of DNA Double-Strand and Single-Strand Breaks on Intrachromosomal Recombination Events in Cell-Cycle-Arrested Yeast Cells. <i>Genetics</i> , 1998, 149, 1235-1250.	2.9	70
62	Effects of Salmonella assay negative and positive carcinogens on intrachromosomal recombination in G1-arrested yeast cells. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996, 370, 209-221.	1.2	20
63	Hydroxyurea induces recombination in dividing but not in G1 or G2 cell cycle arrested yeast cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 354, 69-75.	1.0	43
64	On the mechanism of UV and \hat{I}^3 -ray-induced intrachromosomal recombination in yeast cells synchronized in different stages of the cell cycle. <i>Molecular Genetics and Genomics</i> , 1995, 248, 301-310.	2.4	60
65	Salmonella test positive and negative carcinogens show different effects on intrachromosomal recombination in G2 cell cycle arrested yeast cells. <i>Carcinogenesis</i> , 1995, 16, 659-663.	2.8	27
66	Inhibition of yeast cytochrome P-450 by ammonium metavanadate. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 301, 165-170.	1.1	1
67	Genotoxic and biochemical effects of dimethylamine. <i>Mutagenesis</i> , 1993, 8, 175-178.	2.6	5
68	Antimutagenicity in yeast. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 267, 193-200.	1.0	9
69	Influence of cinnamaldehyde on UV-induced gene conversion and point mutation in yeast: effect on protein synthesis. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 282, 55-60.	1.1	5
70	Mutagenicity of methyl methanesulfonate and cyclophosphamide in resting and growing <i>Saccharomyces cerevisiae</i> D7 cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 282, 235-239.	1.1	6
71	Genotoxicity of vanadium compounds in yeast and cultured mammalian cells. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1991, 11, 175-183.	0.8	32
72	Vanadium: genetical and biochemical investigations. <i>Mutagenesis</i> , 1990, 5, 293-296.	2.6	18

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73	Influence of NTA on the chromium genotoxicity—. Toxicological and Environmental Chemistry, 1989, 23, 101-104.	1.2	4
74	Studies on cytochrome P450 in <i>Mytilus galloprovincialis</i> : induction by Na-phenobarbital and ability to biotransform xenobiotics. Marine Biology, 1988, 100, 69-73.	1.5	22
75	Comparative genetic activity of samples collected from two different urban waste incinerators. Bulletin of Environmental Contamination and Toxicology, 1988, 41, 461-468.	2.7	3
76	Genetic effects of trivalent chromium on <i>saccharomyces cerevisiae</i> . Science of the Total Environment, 1988, 71, 570.	8.0	1
77	Nitritotriacetic acid effect on the genetic activity induced by chromium chloride and sodium chromate in <i>Saccharomyces cerevisiae</i> . Toxicological and Environmental Chemistry, 1988, 17, 11-17.	1.2	5
78	Mutagenicity of complex mixtures used in tannery—€. Toxicological and Environmental Chemistry, 1986, 13, 95-101.	1.2	0
79	Inducibility of gene conversion in <i>Saccharomyces cerevisiae</i> treated with MMS. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1986, 174, 271-274.	1.1	8
80	Specific inhibitors of the monooxygenase system of <i>Saccharomyces cerevisiae</i> modified the mutagenic effect of 4-nitroquinoline 1-oxide and the deethylation activity of the yeast. Carcinogenesis, 1986, 7, 1127-1130.	2.8	15
81	Genotoxicity of chromium<i>in vitro</i> on yeast: Interaction with DNA—€. Toxicological and Environmental Chemistry, 1986, 13, 103-111.	1.2	6
82	Erythrocytes-mediated metabolic activation of cyclophosphamide in yeast mutagenicity test. Teratogenesis, Carcinogenesis, and Mutagenesis, 1985, 5, 223-230.	0.8	4
83	Conditions that influence the genetic activity of potassium dichromate and chromium chloride in <i>Saccharomyces cerevisiae</i> . Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 144, 165-169.	1.1	20
84	Genetic and biochemical investigation on chloral hydrate <i>in vitro</i> and <i>in vivo</i> . Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1984, 141, 19-22.	1.1	9
85	Comparative genetic activity of cis- and trans-1,2-dichloroethylene in yeast. Teratogenesis, Carcinogenesis, and Mutagenesis, 1984, 4, 365-375.	0.8	12
86	Cytochrome P-450 inducibility by ethanol and 7-ethoxycoumarin O-deethylation in <i>S.cerevisiae</i> . Biochemical and Biophysical Research Communications, 1984, 123, 186-193.	2.1	16
87	Genetic and biochemical studies on perchloroethylene —“ <i>in vitro</i> —™ and —“ <i>in vivo</i> —™. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1983, 116, 323-331.	1.2	26
88	Detection of genotoxicants in the leather and tannery places using short-term test. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1982, 97, 460-461.	0.4	0