

Peter G Zaphiropoulos

List of Publications by Year in descending order

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70
papers

6,783
citations

147566

31
h-index

98622

67
g-index

70
all docs

70
docs citations

70
times ranked

6841
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations of the Human Homolog of Drosophila patched in the Nevroid Basal Cell Carcinoma Syndrome. <i>Cell</i> , 1996, 85, 841-851.	13.5	2,150
2	The role of the human homologue of Drosophila patched in sporadic basal cell carcinomas. <i>Nature Genetics</i> , 1996, 14, 78-81.	9.4	713
3	Mammalian Suppressor-of-Fused modulates nuclear cytoplasmic shuttling of GLI-1. <i>Nature Cell Biology</i> , 1999, 1, 312-319.	4.6	419
4	Neighboring Gene Regulation by Antisense Long Non-Coding RNAs. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3251-3266.	1.8	254
5	Induction of basal cell carcinomas and trichoepitheliomas in mice overexpressing GLI-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3438-43.	3.3	235
6	Circular RNAs from transcripts of the rat cytochrome P450 2C24 gene: correlation with exon skipping.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 6536-6541.	3.3	223
7	cDNA Cloning and Initial Characterization of CYP3A43, a Novel Human Cytochrome P450. <i>Molecular Pharmacology</i> , 2001, 59, 386-392.	1.0	196
8	Exon Skipping and Circular RNA Formation in Transcripts of the Human Cytochrome P-450 2C18 Gene in Epidermis and of the Rat Androgen Binding Protein Gene in Testis. <i>Molecular and Cellular Biology</i> , 1997, 17, 2985-2993.	1.1	173
9	A Mammalian patched Homolog Is Expressed in Target Tissues of sonic hedgehog and Maps to a Region Associated with Developmental Abnormalities. <i>Journal of Biological Chemistry</i> , 1996, 271, 12125-12128.	1.6	171
10	The human cytochrome P450 3A locus. Gene evolution by capture of downstream exons. <i>Gene</i> , 2000, 260, 13-23.	1.0	156
11	PTCH mutations: distribution and analyses. <i>Human Mutation</i> , 2006, 27, 215-219.	1.1	144
12	Intergenic mRNA Molecules Resulting from trans-Splicing. <i>Journal of Biological Chemistry</i> , 2002, 277, 5882-5890.	1.6	132
13	Regulation of sexual differentiation in drug and steroid metabolism. <i>Trends in Pharmacological Sciences</i> , 1989, 10, 149-153.	4.0	119
14	The kidney cytochrome P-450 2C23 arachidonic acid epoxygenase is upregulated during dietary salt loading. <i>Journal of Clinical Investigation</i> , 1999, 104, 751-760.	3.9	113
15	Targeting the hedgehog signal transduction pathway at the level of GLI inhibits neuroblastoma cell growth <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Cancer</i> , 2013, 132, 1516-1524.	2.3	99
16	Tamoxifen Resistance: Emerging Molecular Targets. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1357.	1.8	92
17	MicroRNA-203 functions as a tumor suppressor in basal cell carcinoma. <i>Oncogenesis</i> , 2012, 1, e3-e3.	2.1	87
18	Distinct roles of PTCH2 splice variants in Hedgehog signalling. <i>Biochemical Journal</i> , 2004, 378, 325-334.	1.7	78

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19	RNA editing of the GLI1 transcription factor modulates the output of Hedgehog signaling. <i>RNA Biology</i> , 2013, 10, 321-333.	1.5	73
20	Novel Human Glioma-associated Oncogene 1 (GLI1) Splice Variants Reveal Distinct Mechanisms in the Terminal Transduction of the Hedgehog Signal. <i>Journal of Biological Chemistry</i> , 2008, 283, 14345-14354.	1.6	70
21	Alternative first exons of PTCH1 are differentially regulated in vivo and may confer different functions to the PTCH1 protein. <i>Oncogene</i> , 2002, 21, 6007-6016.	2.6	64
22	A dual role of growth hormone as a feminizing and masculinizing factor in the control of sex-specific cytochrome P-450 isozymes in rat liver. <i>Journal of Endocrinology</i> , 1989, 120, 311-317.	1.2	61
23	cDNA and derived amino acid sequence of ethanol-inducible rabbit liver cytochrome P-450 isozyme 3a (P-450ALC).. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 638-642.	3.3	58
24	Reduction of Human Embryonal Rhabdomyosarcoma Tumor Growth by Inhibition of the Hedgehog Signaling Pathway. <i>Genes and Cancer</i> , 2010, 1, 941-951.	0.6	58
25	Cloning and Characterization of a Novel Member of the Cytochrome P450 Subfamily IVA in Rat Prostate. <i>DNA and Cell Biology</i> , 1990, 9, 569-577.	0.9	51
26	Inhibition of GLI1 gene activation by Patched1. <i>Biochemical Journal</i> , 2006, 394, 19-26.	1.7	51
27	The Human CYP2C Locus: A Prototype for Intergenic and Exon Repetition Splicing Events. <i>Genomics</i> , 2000, 63, 433-438.	1.3	47
28	cDNA cloning, sequence, and regulation of a major female-specific and growth hormone-inducible rat liver cytochrome P-450 active in 15 beta-hydroxylation of steroid sulfates.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 4214-4217.	3.3	42
29	RNA molecules containing exons originating from different members of the cytochrome P450 2C gene subfamily (CYP2C) in human epidermis and liver. <i>Nucleic Acids Research</i> , 1999, 27, 2585-2590.	6.5	37
30	Identification of the Major Cytochrome P450s of Subfamily 2C That Are Expressed in Brain of Female Rats and in Olfactory Lobes of Ethanol-Treated Male Rats. <i>Biochemical and Biophysical Research Communications</i> , 1993, 193, 1006-1013.	1.0	35
31	Identification of novel non-coding RNA-based negative feedback regulating the expression of the oncogenic transcription factor GLI1. <i>Molecular Oncology</i> , 2014, 8, 912-926.	2.1	33
32	Trans-splicing in Higher Eukaryotes: Implications for Cancer Development?. <i>Frontiers in Genetics</i> , 2011, 2, 92.	1.1	30
33	Identification of novel GLI1 target genes and regulatory circuits in human cancer cells. <i>Molecular Oncology</i> , 2018, 12, 1718-1734.	2.1	30
34	cDNA Cloning of a Novel WD Repeat Protein Mapping to the 9q22.3 Chromosomal Region. <i>DNA and Cell Biology</i> , 1996, 15, 1049-1056.	0.9	29
35	Non-homologous recombination mediated by <i>Thermus aquaticus</i> DNA polymerase I. Evidence supporting a copy choice mechanism. <i>Nucleic Acids Research</i> , 1998, 26, 2843-2848.	6.5	26
36	Hormonal Regulation of Cytochrome P-450 Gene Expression. <i>Advances in Pharmacology</i> , 1991, 22, 325-354.	1.2	25

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37	Structural and Regulatory Analysis of a Cytochrome P450 Gene (CYP2C12) Expressed Predominantly in Female Rat Liver. <i>DNA and Cell Biology</i> , 1990, 9, 49-56.	0.9	24
38	A novel first exon of the Patched1 gene is upregulated by Hedgehog signaling resulting in a protein with pathway inhibitory functions. <i>FEBS Letters</i> , 2004, 578, 157-162.	1.3	24
39	Mutation analysis of the human homologue of drosophila patched and the xeroderma pigmentosum complementation group A genes in squamous cell carcinomas of the skin. <i>Molecular Carcinogenesis</i> , 1998, 21, 87-92.	1.3	23
40	Distinct roles of first exon variants of the tumor-suppressor Patched1 in Hedgehog signaling. <i>Oncogene</i> , 2007, 26, 4889-4896.	2.6	23
41	Blockade of the Hedgehog pathway downregulates estrogen receptor alpha signaling in breast cancer cells. <i>Oncotarget</i> , 2016, 7, 71580-71593.	0.8	23
42	Structural and Regulatory Analysis of the Male-Specific Rat Liver Cytochrome P-450 g: Repression by Continuous Growth Hormone Administration.. <i>Molecular Endocrinology</i> , 1990, 4, 53-58.	3.7	22
43	Tamoxifen Treatment of Breast Cancer Cells: Impact on Hedgehog/GLI1 Signaling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 308.	1.8	21
44	Gene structure and expression of the rat cytochrome P450IIC13, a polymorphic, male-specific cytochrome in the P450IIC subfamily. <i>Biochemistry</i> , 1991, 30, 10844-10849.	1.2	19
45	Genetic variations regulate alternative splicing in the 5' untranslated regions of the mouse glioma-associated oncogene 1, Gli1. <i>BMC Molecular Biology</i> , 2010, 11, 32.	3.0	19
46	Genetic Instability of Microsatellite Markers in Region q22.3-q31 of Chromosome 9 in Skin Squamous Cell Carcinomas. <i>Biochemical and Biophysical Research Communications</i> , 1994, 201, 1495-1501.	1.0	17
47	Cloning and pretranslational hormonal regulation of testosterone 16 β -hydroxylase (P-45016 β) in male rat liver. <i>European Journal of Endocrinology</i> , 1988, 118, 314-320.	1.9	15
48	Differential Expression of Cytochrome P450 2C24 Transcripts in Rat Kidney and Prostate: Evidence Indicative of Alternative and Possibly Trans Splicing Events. <i>Biochemical and Biophysical Research Communications</i> , 1993, 192, 778-786.	1.0	15
49	Cytochrome P450 Genes Expressed in Porcine Ovaries: Identification of Novel Forms, Evidence for Gene Conversion, and Evolutionary Relationships. <i>Biochemical and Biophysical Research Communications</i> , 1995, 212, 433-441.	1.0	13
50	Intergenic Transcripts Containing a Novel Human Cytochrome P450 2C Exon 1 Spliced to Sequences from the CYP2C9 Gene. <i>Molecular Biology and Evolution</i> , 2001, 18, 1841-1848.	3.5	13
51	Template switching generated during reverse transcription?. <i>FEBS Letters</i> , 2002, 527, 326-326.	1.3	13
52	A Statistical View of Genome Transcription?. <i>Journal of Molecular Evolution</i> , 2001, 53, 160-162.	0.8	12
53	The FU gene and its possible protein isoforms. <i>BMC Genomics</i> , 2004, 5, 49.	1.2	12
54	Isolation and characterization of a novel cytochrome P-450-like pseudogene. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 499-505.	1.0	11

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55	An updated h-index measures both the primary and total scientific output of a researcher. Discoveries, 2015, 3, e50.	1.5	10
56	[62] Identification and localization of cytochromes P450 expressed in brain. Methods in Enzymology, 1991, 206, 631-640.	0.4	9
57	Novel Mechanism of Action on Hedgehog Signaling by a Suppressor of Fused Carboxy Terminal Variant. PLoS ONE, 2012, 7, e37761.	1.1	9
58	The impact of S6K1 kinase on neuroblastoma cell proliferation is independent of GLI1 signaling. BMC Cancer, 2014, 14, 600.	1.1	9
59	RITA downregulates Hedgehog-GLI in medulloblastoma and rhabdomyosarcoma via JNK-dependent but p53-independent mechanism. Cancer Letters, 2019, 442, 341-350.	3.2	8
60	A Map of the MouseCyp3aLocus. DNA Sequence, 2003, 14, 155-162.	0.7	7
61	Genetic variations and alternative splicing: the Glioma associated oncogene 1, GLI1. Frontiers in Genetics, 2012, 3, 119.	1.1	7
62	Circular and Fusion RNAs in Medulloblastoma Development. Cancers, 2022, 14, 3134.	1.7	7
63	cDNA cloning and regulation of a novel rat cytochrome P450 of the 2C gene subfamily (P450IIC24). Biochemical and Biophysical Research Communications, 1991, 180, 645-651.	1.0	6
64	Circular RNAs in Hedgehog Signaling Activation and Hedgehog-Mediated Medulloblastoma Tumors. Cancers, 2021, 13, 5138.	1.7	6
65	Lack of aneuploidy for chromosomes 15, 16, and 18 in placentas from small-for-gestational-age liveborn infants. American Journal of Obstetrics and Gynecology, 2008, 198, 231.e1-231.e7.	0.7	5
66	<i>PTCH1</i> gene mutations in exon 17 and loss of heterozygosity on D9S180 microsatellite in sporadic and inherited human basal cell carcinomas. International Journal of Dermatology, 2011, 50, 838-843.	0.5	5
67	Sequence and Regulation of Two Growth hormone dependent Sex specific Isozymes of Cytochrome P450 in Rat Liver, P450 ¹⁵ and P450 ¹⁶ . Acta Medica Scandinavica, 1987, 222, 161-167.	0.0	2
68	[63] Identification of cytochrome P450 in extrahepatic tissues by cross-hybridization of oligonucleotides and cDNAs. Methods in Enzymology, 1991, 206, 640-648.	0.4	0
69	Abstract 4725: Inhibition of the Hedgehog signaling pathway - a new target in treatment for children with neuroblastoma. , 2012, , .		0
70	Circles in action, circles in function. AME Medical Journal, 0, 3, 81-81.	0.4	0