Phouthone Keohavong

List of Publications by Year
in descending order

61 papers	2,223 citations	218677 26 h-index	223800 46 g-index
61 all docs	61 docs citations	61 times ranked	2439 citing authors

#	Article	IF	Citations
1	Lipopolysaccharide-Mediated Chronic Inflammation Promotes Tobacco Carcinogenâ€“Induced Lung Cancer and Determines the Efficacy of Immunotherapy. Cancer Research, 2021, 81, 144-157.	0.9	52
2	Pulmonary Inflammation and KRAS Mutation in Lung Cancer. Advances in Experimental Medicine and Biology, 2021, 1303, 71-87.	1.6	4
3	Molecular Analysis of Mutations in the Human HPRT Gene. Methods in Molecular Biology, 2020, 2102, 349-359.	0.9	0
4	Determination of Mutational Spectra Induced by Environmental Toxicants in Complex Human Cell Populations. Methods in Molecular Biology, 2020, 2102, 303-314.	0.9	0
5	Analysis of Mutations in K-ras and p53 Genes in Sputum and Plasma Samples. Methods in Molecular Biology, 2020, 2102, 373-394.	0.9	2
6	p53 and K-ras mutations in lung tissues and sputum samples of individuals exposed to smoky coal emissions in Xuan Wei County, China. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 829-830, 70-74.	1.7	4
7	KRAS and TP53 mutations in bronchoscopy samples from former lung cancer patients. Molecular Carcinogenesis, 2017, 56, 381-388.	2.7	25
8	Sequence-dependent cleavage of mismatched DNA byBanI restriction endonuclease. Journal of Molecular Recognition, 2017, 30, e2638.	2.1	0
9	Overexpression of CRM1: A Characteristic Feature in a Transformed Phenotype of Lung Carcinogenesis and a Molecular Target for Lung Cancer Adjuvant Therapy. Journal of Thoracic Oncology, 2015, 10, 815-825.	1.1	42
10	Long-term effects of carbon containing engineered nanomaterials and asbestos in the lung: one year postexposure comparisons. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L170-L182.	2.9	104
11	Molecular Analysis of Mutations in the Human HPRT Gene. Methods in Molecular Biology, 2014, 1105, 291-301.	0.9	4
12	Detection of Point Mutations of K-ras Oncogene and p53 Tumor-Suppressor Gene in Sputum Samples. Methods in Molecular Biology, 2014, 1105, 325-344.	0.9	2
13	Prevention of tobacco carcinogen-induced lung cancer in female mice using antiestrogens. Carcinogenesis, 2012, 33, 2181-2189.	2.8	48
14	K-ras mutations in lung tumors from NNK-treated mice with lipopolysaccharide-elicited lung inflammation. Anticancer Research, 2011, 31, 2877-82.	1.1	17
15	Genetic polymorphisms in the DNA repair genes XPD and XRCC1, p53 gene mutations and bladder cancer risk. Oncology Reports, 2010, 24, 257-62.	2.6	25
16	Targeting of Both the c-Met and EGFR Pathways Results in Additive Inhibition of Lung Tumorigenesis in Transgenic Mice. Cancers, 2010, 2, 2153-2170.	3.7	34
17	Analysis of p53 mutations in histologically normal lung tissues and lung tumors from nonâ€small cell lung cancer patients. Molecular Carcinogenesis, 2009, 48, 633-641.	2.7	19
18	Therapeutic targeting of human hepatocyte growth factor with a single neutralizing monoclonal antibody reduces lung tumorigenesis. Molecular Cancer Therapeutics, 2008, 7, 1913-1922.	4.1	37

#	Article	IF	Citations
19	Aberrant gene promoter methylation in sputum from individuals exposed to smoky coal emissions. Anticancer Research, 2008, 28, 2061-6.	1.1	22
20	Promoter methylation of RASSF1A and DAPK and mutations of K-ras, p53, and EGFR in lung tumors from smokers and never-smokers. BMC Cancer, 2007, 7, 74.	2.6	35
21	Aberrant Promoter Methylation of p16 and MGMT Genes in Lung Tumors from Smoking and Never-Smoking Lung Cancer Patients. Neoplasia, 2006, 8, 46-51.	5.3	121
22	Mutation and Polymorphism in the EGFR-TK Domain Associated with Lung Cancer. Journal of Thoracic Oncology, 2006, 1, 635-647.	1.1	12
23	Increased mutant frequencies in the HPRT gene locus of leukemia HL-60 cells treated with succinylacetone. Cell Biology and Toxicology, 2006, 22, 361-370.	5.3	1
24	Polymorphisms in DNA repair genesXPD andXRCC1 and p53 mutations in lung carcinomas of never-smokers. Molecular Carcinogenesis, 2006, 45, 828-832.	2.7	16
25	Mutation and Polymorphism in the EGFR-TK Domain Associated with Lung Cancer. Journal of Thoracic Oncology, 2006, 1, 635-647.	1.1	26
26	Mutation and polymorphism in the EGFR-TK domain associated with lung cancer. Journal of Thoracic Oncology, 2006, 1, 635-47.	1.1	27
27	Analysis of K<I>-RAS</I> and <I>P53</I> Mutations in Sputum Samples. , 2005, 291, 217-234.		1
28	HPRT gene alterations in umbilical cord blood T-lymphocytes in newborns of mothers exposed to tobacco smoke during pregnancy. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 572, 156-166.	1.0	21
29	Smoky coal exposure, NBS1 polymorphisms, p53 protein accumulation, and lung cancer risk in Xuan Wei, China. Lung Cancer, 2005, 49, 317-323.	2.0	41
30	Detection of p53 and K-ras mutations in sputum of individuals exposed to smoky coal emissions in Xuan Wei County, China. Carcinogenesis, 2004, 26, 303-308.	2.8	26
31	Detection of K-ras and p53 mutations in sputum samples of lung cancer patients using laser capture microdissection microscope and mutation analysis. Analytical Biochemistry, 2004, 324, 92-99.	2.4	32
32	Oxidative damage-related genes AKR1C3 and OGG1 modulate risks for lung cancer due to exposure to PAH-rich coal combustion emissions. Carcinogenesis, 2004, 25, 2177-2181.	2.8	147
33	Analysis of p53 mutations in cells taken from paraffin-embedded tissue sections of ductal carcinoma in situ and atypical ductal hyperplasia of the breast. Cancer Letters, 2004, 212, 121-130.	7.2	18
34	Comparison of p53 mutations between adenocarcinoma and squamous cell carcinoma of the lung: unique spectra involving G to A transitions and G to T transversions in both histologic types. Lung Cancer, 2003, 40, 141-150.	2.0	46
35	K-ras mutations in lung carcinomas from nonsmoking women exposed to unvented coal smoke in China11We dedicate this work to the late Dr Marc Mass who passed away during the preparation of this manuscript.. Lung Cancer, 2003, 41, 21-27.	2.0	26
36	Association of the DNA repair gene XPD Asp312Asn polymorphism with p53 gene mutations in tobacco-related non-small cell lung cancer. Carcinogenesis, 2003, 24, 1671-1676.	2.8	42

#	Article	IF	Citations
37	Comparison of K-rasgene mutations in tumour and sputum DNA of patients with lung cancer. Biomarkers, 2003, 8, 156-161.	1.9	29
38	Topographic analysis of K-ras mutations in histologically normal lung tissues and tumours of lung cancer patients. British Journal of Cancer, 2001, 85, 235-241.	6.4	29
39	Mutational spectrum of N-hydroxy-N-acetyl-4-aminobiphenyl at exon 3 of the HPRT gene. Biomarkers, 2001, 6, 262-273.	1.9	4
40	Impact of maternal lifestyle factors on newborn HPRT mutant frequencies and molecular spectrum â€" Initial results from the Prenatal Exposures and Preeclampsia Prevention (PEPP) Study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 431, 279-289.	1.0	17
41	Effects of Bulky Polycyclic Aromatic Hydrocarbon Adducts on DNA Replication by Exonuclease-Deficient T7 and T4 DNA Polymerases. DNA and Cell Biology, 1998, 17, 541-549.	1.9	8
42	Detection of low-fraction K-ras mutations in primary lung tumors using a sensitive method. , 1997, 74, 162-170.		17
43	Taq-Amplified Fragments Appear as Doublets in Denaturing Gradient Gels. Analytical Biochemistry, 1997, 244, 404-406.	2.4	4
44	Detection of Infrequent and Multiple K-rasMutations in Human Tumors and Tumor-Adjacent Tissues. Analytical Biochemistry, 1997, 247, 394-403.	2.4	31
45	Fidelity and Predominant Mutations Produced by Deep Vent Wild-Type and Exonuclease-Deficient DNA Polymerases DuringIn VitroDNA Amplification. DNA and Cell Biology, 1996, 15, 589-594.	1.9	21
46	In vitro mutational spectrum of cyclopenta[cd]pyrene in the human HPRT gene. Carcinogenesis, 1995, 16, 855-860.	2.8	11
47	Use of Anti-TNF-Î± Antiserum to Investigate Toxic Alveolitis Arising from Cotton Dust Exposure. Experimental Lung Research, 1994, 20, 297-315.	1.2	12
48	Effects of the T4 bacteriophage gene 32 product on the efficiency and fidelity of DNA amplification using T4 DNA polymerase. Gene, 1994, 144, 53-58.	2.2	9
49	Capillary gel electrophoresis of biopolymers. TrAC - Trends in Analytical Chemistry, 1993, 12, 195-202.	11.4	21
50	Mutational spectrometry: a general approach for hot-spot point mutations in selectable genes.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4623-4627.	7.1	59
51	Analysis of point mutations induced by ultraviolet light in human cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 249, 147-159.	1.0	25
52	Molecular analysis of complex human cell populations: mutational spectra of MNNG and ICR-191. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1990, 231, 165-176.	1.0	74
53	Fidelity of DNA polymerases in DNA amplification.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9253-9257.	7.1	489
54	Enzymatic amplification and characterization of large DNA fragments from genomic DNA. Gene, 1988, 71, 211-216.	2.2	20

#	Article	IF	Citations
55	DNA Amplification In Vitro Using T4 DNA Polymerase. DNA and Cell Biology, 1988, 7, 63-70.	5.2	27
56	DNA damage produced by ethidium bromide staining and exposure to ultraviolet light. Nucleic Acids Research, 1988, 16, 4157-4157.	14.5	30
57	Alternative splicing of E1A transcripts of adenovirus requires appropriate ionic conditions in vitro. Cell, 1987, 50, 31-39.	28.9	89
58	Splicing of the E2A premessenger RNA of adenovirus serotype 2. Journal of Molecular Biology, 1986, 187, 379-397.	4.2	24
59	The different intron 2 species excisedin vivofrom the E2A premRNA of adenovirus-2: an approach to analyse alternative splicing. Nucleic Acids Research, 1986, 14, 5207-5227.	14.5	11
60	The orderly splicing of the first three leaders of the adenovirus-2 major late transcript. Nucleic Acids Research, 1982, 10, 1215-1229.	14.5	55
61	Mild nuclease treatment as a probe for a non-random distribution of adenovirus-specific RNA sequences and of cellular RNA in nuclear ribonucleoprotein fibrils. Journal of Molecular Biology, 1982, 155, 185-205.	4.2	28