

# Phouthone Keohavong

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	Alternative splicing of E1A transcripts of adenovirus requires appropriate ionic conditions in vitro. Cell, 1987, 50, 31-39.	28.9	89
6	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
7	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
8	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
9	Lipopolysaccharide-Mediated Chronic Inflammation Promotes Tobacco Carcinogen-Induced Lung Cancer and Determines the Efficacy of Immunotherapy. Cancer Research, 2021, 81, 144-157.	0.9	52
10	Prevention of tobacco carcinogen-induced lung cancer in female mice using antiestrogens. Carcinogenesis, 2012, 33, 2181-2189.	2.8	48
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Detection of Infrequent and Multiple K-ras Mutations in Human Tumors and Tumor-Adjacent Tissues. <i>Analytical Biochemistry</i> , 1997, 247, 394-403.	2.4	31
20	DNA damage produced by ethidium bromide staining and exposure to ultraviolet light. <i>Nucleic Acids Research</i> , 1988, 16, 4157-4157.	14.5	30
21	Topographic analysis of K-ras mutations in histologically normal lung tissues and tumours of lung cancer patients. <i>British Journal of Cancer</i> , 2001, 85, 235-241.	6.4	29
22	Comparison of K-ras gene mutations in tumour and sputum DNA of patients with lung cancer. <i>Biomarkers</i> , 2003, 8, 156-161.	1.9	29
23	Mild nuclease treatment as a probe for a non-random distribution of adenovirus-specific RNA sequences and of cellular RNA in nuclear ribonucleoprotein fibrils. <i>Journal of Molecular Biology</i> , 1982, 155, 185-205.	4.2	28
24	DNA Amplification In Vitro Using T4 DNA Polymerase. <i>DNA and Cell Biology</i> , 1988, 7, 63-70.	5.2	27
25	Mutation and polymorphism in the EGFR-TK domain associated with lung cancer. <i>Journal of Thoracic Oncology</i> , 2006, 1, 635-47.	1.1	27
26	K-ras mutations in lung carcinomas from nonsmoking women exposed to unvented coal smoke in China. We dedicate this work to the late Dr Marc Mass who passed away during the preparation of this manuscript. <i>Lung Cancer</i> , 2003, 41, 21-27.	2.0	26
27	Detection of p53 and K-ras mutations in sputum of individuals exposed to smoky coal emissions in Xuan Wei County, China. <i>Carcinogenesis</i> , 2004, 26, 303-308.	2.8	26
28	Mutation and Polymorphism in the EGFR-TK Domain Associated with Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2006, 1, 635-647.	1.1	26
29	Analysis of point mutations induced by ultraviolet light in human cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 249, 147-159.	1.0	25
30	Genetic polymorphisms in the DNA repair genes XPD and XRCC1, p53 gene mutations and bladder cancer risk. <i>Oncology Reports</i> , 2010, 24, 257-62.	2.6	25
31	KRAS and TP53 mutations in bronchoscopy samples from former lung cancer patients. <i>Molecular Carcinogenesis</i> , 2017, 56, 381-388.	2.7	25
32	Splicing of the E2A premessenger RNA of adenovirus serotype 2. <i>Journal of Molecular Biology</i> , 1986, 187, 379-397.	4.2	24
33	Aberrant gene promoter methylation in sputum from individuals exposed to smoky coal emissions. <i>Anticancer Research</i> , 2008, 28, 2061-6.	1.1	22
34	Capillary gel electrophoresis of biopolymers. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 195-202.	11.4	21
35	Fidelity and Predominant Mutations Produced by Deep Vent Wild-Type and Exonuclease-Deficient DNA Polymerases During In Vitro DNA Amplification. <i>DNA and Cell Biology</i> , 1996, 15, 589-594.	1.9	21
36	HPRT gene alterations in umbilical cord blood T-lymphocytes in newborns of mothers exposed to tobacco smoke during pregnancy. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 572, 156-166.	1.0	21

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37	Enzymatic amplification and characterization of large DNA fragments from genomic DNA. <i>Gene</i> , 1988, 71, 211-216.	2.2	20
38	Analysis of p53 mutations in histologically normal lung tissues and lung tumors from non-small cell lung cancer patients. <i>Molecular Carcinogenesis</i> , 2009, 48, 633-641.	2.7	19
39	Analysis of p53 mutations in cells taken from paraffin-embedded tissue sections of ductal carcinoma in situ and atypical ductal hyperplasia of the breast. <i>Cancer Letters</i> , 2004, 212, 121-130.	7.2	18
40	Detection of low-fraction K-ras mutations in primary lung tumors using a sensitive method. , 1997, 74, 162-170.		17
41	Impact of maternal lifestyle factors on newborn HPRT mutant frequencies and molecular spectrum " Initial results from the Prenatal Exposures and Preeclampsia Prevention (PEPP) Study. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 431, 279-289.	1.0	17
42	K-ras mutations in lung tumors from NNK-treated mice with lipopolysaccharide-elicited lung inflammation. <i>Anticancer Research</i> , 2011, 31, 2877-82.	1.1	17
43	Polymorphisms in DNA repair genes XPD and XRCC1 and p53 mutations in lung carcinomas of never-smokers. <i>Molecular Carcinogenesis</i> , 2006, 45, 828-832.	2.7	16
44	Use of Anti-TNF- $\alpha$ Antiserum to Investigate Toxic Alveolitis Arising from Cotton Dust Exposure. <i>Experimental Lung Research</i> , 1994, 20, 297-315.	1.2	12
45	Mutation and Polymorphism in the EGFR-TK Domain Associated with Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2006, 1, 635-647.	1.1	12
46	The different intron 2 species excised in vivo from the E2A premRNA of adenovirus-2: an approach to analyse alternative splicing. <i>Nucleic Acids Research</i> , 1986, 14, 5207-5227.	14.5	11
47	In vitro mutational spectrum of cyclopenta[cd]pyrene in the human HPRT gene. <i>Carcinogenesis</i> , 1995, 16, 855-860.	2.8	11
48	Effects of the T4 bacteriophage gene 32 product on the efficiency and fidelity of DNA amplification using T4 DNA polymerase. <i>Gene</i> , 1994, 144, 53-58.	2.2	9
49	Effects of Bulky Polycyclic Aromatic Hydrocarbon Adducts on DNA Replication by Exonuclease-Deficient T7 and T4 DNA Polymerases. <i>DNA and Cell Biology</i> , 1998, 17, 541-549.	1.9	8
50	Taq-Amplified Fragments Appear as Doublets in Denaturing Gradient Gels. <i>Analytical Biochemistry</i> , 1997, 244, 404-406.	2.4	4
51	Mutational spectrum of N-hydroxy-N-acetyl-4-aminobiphenyl at exon 3 of the HPRT gene. <i>Biomarkers</i> , 2001, 6, 262-273.	1.9	4
52	p53 and K-ras mutations in lung tissues and sputum samples of individuals exposed to smoky coal emissions in Xuan Wei County, China. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 829-830, 70-74.	1.7	4
53	Pulmonary Inflammation and KRAS Mutation in Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1303, 71-87.	1.6	4
54	Molecular Analysis of Mutations in the Human HPRT Gene. <i>Methods in Molecular Biology</i> , 2014, 1105, 291-301.	0.9	4

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55	Detection of Point Mutations of K-ras Oncogene and p53 Tumor-Suppressor Gene in Sputum Samples. <i>Methods in Molecular Biology</i> , 2014, 1105, 325-344.	0.9	2
56	Analysis of Mutations in K-ras and p53 Genes in Sputum and Plasma Samples. <i>Methods in Molecular Biology</i> , 2020, 2102, 373-394.	0.9	2
57	Analysis of K-RAS and P53 Mutations in Sputum Samples. , 2005, 291, 217-234.		1
58	Increased mutant frequencies in the HPRT gene locus of leukemia HL-60 cells treated with succinylacetone. <i>Cell Biology and Toxicology</i> , 2006, 22, 361-370.	5.3	1
59	Sequence-dependent cleavage of mismatched DNA by BanI restriction endonuclease. <i>Journal of Molecular Recognition</i> , 2017, 30, e2638.	2.1	0
60	Molecular Analysis of Mutations in the Human HPRT Gene. <i>Methods in Molecular Biology</i> , 2020, 2102, 349-359.	0.9	0
61	Determination of Mutational Spectra Induced by Environmental Toxicants in Complex Human Cell Populations. <i>Methods in Molecular Biology</i> , 2020, 2102, 303-314.	0.9	0