

Ivana Holcatova

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

11,669
citations

43973

48
h-index

30010

103
g-index

121
all docs

121
docs citations

121
times ranked

20900
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for head and neck cancer in more and less developed countries: Analysis from the INHANCE consortium. <i>Oral Diseases</i> , 2023, 29, 1565-1578.	1.5	9
2	Accounting for EGFR Mutations in Epidemiologic Analyses of Non-Small Cell Lung Cancers: Examples Based on the International Lung Cancer Consortium Data. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 679-687.	1.1	1
3	Lessons learned from the INHANCE consortium: An overview of recent results on head and neck cancer. <i>Oral Diseases</i> , 2021, 27, 73-93.	1.5	31
4	Morphological findings in frozen non-neoplastic kidney tissues of patients with kidney cancer from large-scale multicentric studies on renal cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 1099-1107.	1.4	1
5	Occupational socioeconomic risk associations for head and neck cancer in Europe and South America: individual participant data analysis of pooled case-control studies within the INHANCE Consortium. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 779-787.	2.0	5
6	Rare deleterious germline variants and risk of lung cancer. <i>Npj Precision Oncology</i> , 2021, 5, 12.	2.3	19
7	Sexual dimorphism in cancer: insights from transcriptional signatures in kidney tissue and renal cell carcinoma. <i>Human Molecular Genetics</i> , 2021, 30, 343-355.	1.4	14
8	Hepcidin-regulating iron metabolism genes and pancreatic ductal adenocarcinoma: a pathway analysis of genome-wide association studies. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1408-1417.	2.2	9
9	Germline determinants of humoral immune response to HPV-16 protect against oropharyngeal cancer. <i>Nature Communications</i> , 2021, 12, 5945.	5.8	10
10	Prediction of survival of HPV16-negative, p16-negative oral cavity cancer patients using a 13-gene signature: A multicenter study using FFPE samples. <i>Oral Oncology</i> , 2020, 100, 104487.	0.8	4
11	Laryngeal Cancer Risks in Workers Exposed to Lung Carcinogens: Exposure-Effect Analyses Using a Quantitative Job Exposure Matrix. <i>Epidemiology</i> , 2020, 31, 145-154.	1.2	15
12	Gallbladder disease, cholecystectomy, and pancreatic cancer risk in the International Pancreatic Cancer Case-Control Consortium (PanC4). <i>European Journal of Cancer Prevention</i> , 2020, 29, 408-415.	0.6	1
13	Alcohol drinking and head and neck cancer risk: the joint effect of intensity and duration. <i>British Journal of Cancer</i> , 2020, 123, 1456-1463.	2.9	65
14	Needlestack: an ultra-sensitive variant caller for multi-sample next generation sequencing data. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa021.	1.5	5
15	Circulating tumour-derived KRAS mutations in pancreatic cancer cases are predominantly carried by very short fragments of cell-free DNA. <i>EBioMedicine</i> , 2020, 55, 102462.	2.7	14
16	Protein-altering germline mutations implicate novel genes related to lung cancer development. <i>Nature Communications</i> , 2020, 11, 2220.	5.8	31
17	Risk of exposure to acrylamide. <i>Central European Journal of Public Health</i> , 2020, 28, S43-S46.	0.4	27
18	A Plasma-Derived Protein-Metabolite Multiplexed Panel for Early-Stage Pancreatic Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 372-379.	3.0	79

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19	Sex specific associations in genome wide association analysis of renal cell carcinoma. <i>European Journal of Human Genetics</i> , 2019, 27, 1589-1598.	1.4	27
20	Joint effects of intensity and duration of cigarette smoking on the risk of head and neck cancer: A bivariate spline model approach. <i>Oral Oncology</i> , 2019, 94, 47-57.	0.8	32
21	Agnostic Pathway/Gene Set Analysis of Genome-Wide Association Data Identifies Associations for Pancreatic Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 557-567.	3.0	21
22	The influence of obesity-related factors in the etiology of renal cell carcinoma—A mendelian randomization study. <i>PLoS Medicine</i> , 2019, 16, e1002724.	3.9	59
23	Mendelian Randomization and mediation analysis of leukocyte telomere length and risk of lung and head and neck cancers. <i>International Journal of Epidemiology</i> , 2019, 48, 751-766.	0.9	32
24	The influence of smoking, age and stage at diagnosis on the survival after larynx, hypopharynx and oral cavity cancers in Europe: The ARCAGE study. <i>International Journal of Cancer</i> , 2018, 143, 32-44.	2.3	50
25	Genome-wide meta-analysis identifies five new susceptibility loci for pancreatic cancer. <i>Nature Communications</i> , 2018, 9, 556.	5.8	188
26	Genetic Contributions to The Association Between Adult Height and Head and Neck Cancer: A Mendelian Randomization Analysis. <i>Scientific Reports</i> , 2018, 8, 4534.	1.6	4
27	Fine mapping of MHC region in lung cancer highlights independent susceptibility loci by ethnicity. <i>Nature Communications</i> , 2018, 9, 3927.	5.8	43
28	Rare Variants in Known Susceptibility Loci and Their Contribution to Risk of Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1483-1495.	0.5	22
29	Identification of susceptibility pathways for the role of chromosome 15q25.1 in modifying lung cancer risk. <i>Nature Communications</i> , 2018, 9, 3221.	5.8	60
30	Genomic analysis of head and neck cancer cases from two high incidence regions. <i>PLoS ONE</i> , 2018, 13, e0191701.	1.1	18
31	Alcohol and lung cancer risk among never smokers: A pooled analysis from the international lung cancer consortium and the SYNERGY study. <i>International Journal of Cancer</i> , 2017, 140, 1976-1984.	2.3	35
32	SLC22A3 polymorphisms do not modify pancreatic cancer risk, but may influence overall patient survival. <i>Scientific Reports</i> , 2017, 7, 43812.	1.6	15
33	High prevalence of mutant KRAS in circulating exosome-derived DNA from early-stage pancreatic cancer patients. <i>Annals of Oncology</i> , 2017, 28, 741-747.	0.6	364
34	Genome-wide association study identifies multiple risk loci for renal cell carcinoma. <i>Nature Communications</i> , 2017, 8, 15724.	5.8	106
35	Large-scale association analysis identifies new lung cancer susceptibility loci and heterogeneity in genetic susceptibility across histological subtypes. <i>Nature Genetics</i> , 2017, 49, 1126-1132.	9.4	472
36	Loss of chromosome Y leads to down regulation of KDM5D and KDM6C epigenetic modifiers in clear cell renal cell carcinoma. <i>Scientific Reports</i> , 2017, 7, 44876.	1.6	42

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37	Circulating tumor DNA detection in head and neck cancer: evaluation of two different detection approaches. <i>Oncotarget</i> , 2017, 8, 72621-72632.	0.8	51
38	Obesity, metabolic factors and risk of different histological types of lung cancer: A Mendelian randomization study. <i>PLoS ONE</i> , 2017, 12, e0177875.	1.1	79
39	Menstrual and Reproductive Factors, Hormone Use, and Risk of Pancreatic Cancer. <i>Pancreas</i> , 2016, 45, 1401-1410.	0.5	10
40	Identification of Circulating Tumor DNA for the Early Detection of Small-cell Lung Cancer. <i>EBioMedicine</i> , 2016, 10, 117-123.	2.7	153
41	International cancer seminars: a focus on kidney cancer. <i>Annals of Oncology</i> , 2016, 27, 1382-1385.	0.6	18
42	Genome-wide association analyses identify new susceptibility loci for oral cavity and pharyngeal cancer. <i>Nature Genetics</i> , 2016, 48, 1544-1550.	9.4	164
43	Combined effects of smoking and HPV16 in oropharyngeal cancer. <i>International Journal of Epidemiology</i> , 2016, 45, 752-761.	0.9	67
44	Mucosal alpha-herpesviruses are not associated with esophageal squamous cell carcinomas: Lack of mechanistic evidence from South Africa, China and Iran and from a worldwide meta-analysis. <i>International Journal of Cancer</i> , 2016, 139, 85-98.	2.3	36
45	Low frequency of cigarette smoking and the risk of head and neck cancer in the INHANCE consortium pooled analysis. <i>International Journal of Epidemiology</i> , 2016, 45, 835-845.	0.9	40
46	<i>KRAS</i> mutations in blood circulating cell-free DNA: a pancreatic cancer case-control. <i>Oncotarget</i> , 2016, 7, 78827-78840.	0.8	70
47	Abstract 3137: NGS-based detection of KRAS hotspot mutations in plasma cell-free DNA of pancreatic cancer cases. , 2016, , .		0
48	<i>TERT</i> gene harbors multiple variants associated with pancreatic cancer susceptibility. <i>International Journal of Cancer</i> , 2015, 137, 2175-2183.	2.3	57
49	The INHANCE consortium: toward a better understanding of the causes and mechanisms of head and neck cancer. <i>Oral Diseases</i> , 2015, 21, 685-693.	1.5	82
50	The 12p13.33/RAD52 Locus and Genetic Susceptibility to Squamous Cell Cancers of Upper Aerodigestive Tract. <i>PLoS ONE</i> , 2015, 10, e0117639.	1.1	10
51	Circulating Concentrations of Vitamin B6 and Kidney Cancer Prognosis: A Prospective Case-Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0140677.	1.1	10
52	Estimating and explaining the effect of education and income on head and neck cancer risk: INHANCE consortium pooled analysis of 31 case-control studies from 27 countries. <i>International Journal of Cancer</i> , 2015, 136, 1125-1139.	2.3	112
53	A Rare Truncating BRCA2 Variant and Genetic Susceptibility to Upper Aerodigestive Tract Cancer. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	33
54	Circulating 25-Hydroxyvitamin D3 and Survival after Diagnosis with Kidney Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1277-1281.	1.1	13

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55	Common variation at 2p13.3, 3q29, 7p13 and 17q25.1 associated with susceptibility to pancreatic cancer. <i>Nature Genetics</i> , 2015, 47, 911-916.	9.4	224
56	Risk factors for head and neck cancer in young adults: a pooled analysis in the INHANCE consortium. <i>International Journal of Epidemiology</i> , 2015, 44, 169-185.	0.9	128
57	Human Papillomavirus 16 E6 Antibodies in Individuals without Diagnosed Cancer: A Pooled Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 683-689.	1.1	54
58	Regional Geographic Variations in Kidney Cancer Incidence Rates in European Countries. <i>European Urology</i> , 2015, 67, 1134-1141.	0.9	57
59	Diabetes, antidiabetic medications, and pancreatic cancer risk: an analysis from the International Pancreatic Cancer Case-Control Consortium. <i>Annals of Oncology</i> , 2014, 25, 2065-2072.	0.6	202
60	Exposure to secondhand tobacco smoke and lung cancer by histological type: A pooled analysis of the International Lung Cancer Consortium (ILCCO). <i>International Journal of Cancer</i> , 2014, 135, 1918-1930.	2.3	100
61	Variation in genomic landscape of clear cell renal cell carcinoma across Europe. <i>Nature Communications</i> , 2014, 5, 5135.	5.8	158
62	Physical activity and risk of pancreatic cancer in a central European multicenter case-control study. <i>Cancer Causes and Control</i> , 2014, 25, 669-681.	0.8	14
63	Abstract 2213: Uncommon CHEK2 missense variant and reduced risk of pancreatic cancer. , 2014, , .		0
64	Smoking addiction and the risk of upper-aerodigestive-tract cancer in a multicenter case-control study. <i>International Journal of Cancer</i> , 2013, 133, n/a-n/a.	2.3	11
65	Human Papillomavirus Infections and Upper Aero-Digestive Tract Cancers: The ARCADE Study. <i>Journal of the National Cancer Institute</i> , 2013, 105, 536-545.	3.0	115
66	Indoor air pollution from solid fuels and risk of upper aerodigestive tract cancers in Central and Eastern Europe. <i>Environmental Research</i> , 2013, 120, 90-95.	3.7	42
67	All SNPs Are Not Created Equal: Genome-Wide Association Studies Reveal a Consistent Pattern of Enrichment among Functionally Annotated SNPs. <i>PLoS Genetics</i> , 2013, 9, e1003449.	1.5	268
68	Mining the Human Phenome Using Allelic Scores That Index Biological Intermediates. <i>PLoS Genetics</i> , 2013, 9, e1003919.	1.5	84
69	A common biological basis of obesity and nicotine addiction. <i>Translational Psychiatry</i> , 2013, 3, e308-e308.	2.4	51
70	Integrative Genome-Wide Gene Expression Profiling of Clear Cell Renal Cell Carcinoma in Czech Republic and in the United States. <i>PLoS ONE</i> , 2013, 8, e57886.	1.1	99
71	InterSCOPE Study: Associations Between Esophageal Squamous Cell Carcinoma and Human Papillomavirus Serological Markers. <i>Journal of the National Cancer Institute</i> , 2012, 104, 147-158.	3.0	71
72	Tobacco Addiction and The Risk of Upper Aerodigestive Tract Cancer in A Multicenter Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 560.3-561.	1.1	0

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73	Genome-Wide Association Study of Classical Hodgkin Lymphoma and Epstein-Barr Virus Status-Defined Subgroups. <i>Journal of the National Cancer Institute</i> , 2012, 104, 240-253.	3.0	141
74	Increased risk of lung cancer in individuals with a family history of the disease: A pooled analysis from the International Lung Cancer Consortium. <i>European Journal of Cancer</i> , 2012, 48, 1957-1968.	1.3	143
75	A genome-wide association study identifies a novel susceptibility locus for renal cell carcinoma on 12p11.23. <i>Human Molecular Genetics</i> , 2012, 21, 456-462.	1.4	81
76	Diet and the risk of head and neck cancer: a pooled analysis in the INHANCE consortium. <i>Cancer Causes and Control</i> , 2012, 23, 69-88.	0.8	116
77	Using Prior Information from the Medical Literature in GWAS of Oral Cancer Identifies Novel Susceptibility Variant on Chromosome 4 - the AdAPT Method. <i>PLoS ONE</i> , 2012, 7, e36888.	1.1	17
78	Abstract 5103: Transcriptional profiling in clear cell renal cell carcinoma (ccRCC). Focus on Czech Republic. , 2012, , .		0
79	Sequence Variants and the Risk of Head and Neck Cancer: Pooled Analysis in the INHANCE Consortium. <i>Frontiers in Oncology</i> , 2011, 1, 13.	1.3	11
80	A Genome-Wide Association Study of Upper Aerodigestive Tract Cancers Conducted within the INHANCE Consortium. <i>PLoS Genetics</i> , 2011, 7, e1001333.	1.5	158
81	Superoxide Dismutase and Nicotinamide Adenine Dinucleotide Phosphate. <i>Pancreas</i> , 2011, 40, 72-78.	0.5	20
82	The association between change in body mass index and upper aerodigestive tract cancers in the ARCAGE project: Multicenter case-control study. <i>International Journal of Cancer</i> , 2011, 128, 1449-1461.	2.3	23
83	Body mass index and body size in early adulthood and risk of pancreatic cancer in a central European multicenter case-control study. <i>International Journal of Cancer</i> , 2011, 129, 2875-2884.	2.3	23
84	A Sex-Specific Association between a 15q25 Variant and Upper Aerodigestive Tract Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 658-664.	1.1	14
85	CYP2A13, ADH1B, and ADH1C Gene Polymorphisms and Pancreatic Cancer Risk. <i>Pancreas</i> , 2010, 39, 144-148.	0.5	21
86	Life course social mobility and risk of upper aerodigestive tract cancer in men. <i>European Journal of Epidemiology</i> , 2010, 25, 173-182.	2.5	13
87	International network of cancer genome projects. <i>Nature</i> , 2010, 464, 993-998.	13.7	2,114
88	Genome-wide meta-analyses identify multiple loci associated with smoking behavior. <i>Nature Genetics</i> , 2010, 42, 441-447.	9.4	1,083
89	Genotype and haplotype analysis of TP53 gene and the risk of pancreatic cancer: an association study in the Czech Republic. <i>Carcinogenesis</i> , 2010, 31, 666-670.	1.3	29
90	Occupational Trichloroethylene Exposure and Renal Carcinoma Risk: Evidence of Genetic Susceptibility by Reductive Metabolism Gene Variants. <i>Cancer Research</i> , 2010, 70, 6527-6536.	0.4	97

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91	Vitamin D Pathway Genes, Diet, and Risk of Renal Cell Carcinoma. <i>International Journal of Endocrinology</i> , 2010, 2010, 1-11.	0.6	20
92	Association between a 15q25 gene variant, smoking quantity and tobacco-related cancers among 17 000 individuals. <i>International Journal of Epidemiology</i> , 2010, 39, 563-577.	0.9	125
93	TP53, EGFR, and KRAS mutations in relation to VHL inactivation and lifestyle risk factors in renal-cell carcinoma from central and eastern Europe. <i>Cancer Letters</i> , 2010, 293, 92-98.	3.2	21
94	Socioeconomic factors associated with risk of upper aerodigestive tract cancer in Europe. <i>European Journal of Cancer</i> , 2010, 46, 588-598.	1.3	68
95	Incidence and prevalence of psoriatic arthritis, ankylosing spondylitis, and reactive arthritis in the first descriptive population-based study in the Czech Republic. <i>Scandinavian Journal of Rheumatology</i> , 2010, 39, 310-317.	0.6	57
96	CYP1B1 gene polymorphism modifies pancreatic cancer risk but not survival. <i>Neoplasma</i> , 2010, 57, 15-19.	0.7	11
97	An Analysis of Growth, Differentiation and Apoptosis Genes with Risk of Renal Cancer. <i>PLoS ONE</i> , 2009, 4, e4895.	1.1	32
98	Analysis of SNPs and Haplotypes in Vitamin D Pathway Genes and Renal Cancer Risk. <i>PLoS ONE</i> , 2009, 4, e7013.	1.1	33
99	Genetic Associations of 115 Polymorphisms with Cancers of the Upper Aerodigestive Tract across 10 European Countries: The ARCAE Project. <i>Cancer Research</i> , 2009, 69, 2956-2965.	0.4	94
100	Apolipoprotein E/C1 Locus Variants Modify Renal Cell Carcinoma Risk. <i>Cancer Research</i> , 2009, 69, 8001-8008.	0.4	31
101	Active and Involuntary Tobacco Smoking and Upper Aerodigestive Tract Cancer Risks in a Multicenter Case-Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 3353-3361.	1.1	50
102	The association between glutathione S-transferase gene polymorphisms and pancreatic cancer in a central European Slavonic population. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 680, 78-81.	0.9	20
103	Folate metabolism genes, vegetable intake and renal cancer risk in central Europe. <i>International Journal of Cancer</i> , 2008, 122, 1710-1715.	2.3	33
104	Dietary risk factors for squamous cell carcinoma of the upper aerodigestive tract in central and eastern Europe. <i>Cancer Causes and Control</i> , 2008, 19, 1161-1170.	0.8	78
105	A susceptibility locus for lung cancer maps to nicotinic acetylcholine receptor subunit genes on 15q25. <i>Nature</i> , 2008, 452, 633-637.	13.7	1,169
106	Tobacco smoking, body mass index, hypertension, and kidney cancer risk in central and eastern Europe. <i>British Journal of Cancer</i> , 2008, 99, 1912-1915.	2.9	43
107	Multiple ADH genes are associated with upper aerodigestive cancers. <i>Nature Genetics</i> , 2008, 40, 707-709.	9.4	161
108	Vitamin D Receptor Polymorphisms and Renal Cancer Risk in Central and Eastern Europe. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 367-372.	1.1	32

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109	Improved Identification of von Hippel-Lindau Gene Alterations in Clear Cell Renal Tumors. <i>Clinical Cancer Research</i> , 2008, 14, 4726-4734.	3.2	503
110	2-Ethyldeoxyguanosine as a Potential Biomarker for Assessing Effects of Alcohol Consumption on DNA. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3026-3032.	1.1	56
111	Renal cell carcinoma, occupational pesticide exposure and modification by glutathione S-transferase polymorphisms. <i>Carcinogenesis</i> , 2008, 29, 1567-1571.	1.3	64
112	Glutathione S-transferase polymorphisms, cruciferous vegetable intake and cancer risk in the Central and Eastern European Kidney Cancer Study. <i>Carcinogenesis</i> , 2007, 28, 1960-1964.	1.3	57
113	Association of common polymorphisms in inflammatory genes with risk of developing cancers of the upper aerodigestive tract. <i>Cancer Causes and Control</i> , 2007, 18, 449-455.	0.8	25
114	The association of sequence variants in DNA repair and cell cycle genes with cancers of the upper aerodigestive tract. <i>Carcinogenesis</i> , 2006, 28, 665-671.	1.3	45
115	Kidney Cancer Case-Control Study—First Results. <i>Epidemiology</i> , 2006, 17, S309-S310.	1.2	0
116	Lung Cancer and Indoor Pollution from Heating and Cooking with Solid Fuels. <i>American Journal of Epidemiology</i> , 2005, 162, 326-333.	1.6	110
117	Cancer Risk from Common Sources of Indoor Pollution. <i>Indoor and Built Environment</i> , 2005, 14, 221-228.	1.5	1
118	Comparison of the Environment in Operating Theatres in Two Hospitals. <i>Indoor and Built Environment</i> , 2003, 12, 121-124.	1.5	8