

# Ying-Chin Ko

## List of Publications by Year in descending order

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73  
papers

3,269  
citations

172457

29  
h-index

149698

56  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2727  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Betel quid chewing, cigarette smoking and alcohol consumption related to oral cancer in Taiwan. <i>Journal of Oral Pathology and Medicine</i> , 1995, 24, 450-453.  | 2.7  | 636       |
| 2  | Prevalence of betel quid chewing habit in Taiwan and related sociodemographic factors. <i>Journal of Oral Pathology and Medicine</i> , 1992, 21, 261-264.   | 2.7  | 307       |
| 3  | Mortality for Certain Diseases in Areas with High Levels of Arsenic in Drinking Water. <i>Archives of Environmental Health</i> , 1999, 54, 186-193.   | 0.4  | 239       |
| 4  | Intercountry prevalences and practices of betelâ€quid use in south, southeast and eastern asia regions and associated oral preneoplastic disorders: An international collaborative study by asian betelâ€quid consortium of south and east Asia. <i>International Journal of Cancer</i> , 2011, 129, 1741-1751. | 5.1  | 133       |
| 5  | Tattooing as a risk of hepatitis C virus infection. <i>Journal of Medical Virology</i> , 1992, 38, 288-291.   | 5.0  | 130       |
| 6  | Different impact from betel quid, alcohol and cigarette: Risk factors for pharyngeal and laryngeal cancer. <i>International Journal of Cancer</i> , 2005, 117, 831-836.   | 5.1  | 98        |
| 7  | A case-control study of oral cancer in Changhua County, Taiwan. <i>Journal of Oral Pathology and Medicine</i> , 1996, 25, 245-248.  | 2.7  | 84        |
| 8  | Predictors of betel quid chewing behavior and cessation patterns in Taiwan aborigines. <i>BMC Public Health</i> , 2006, 6, 271.   | 2.9  | 73        |
| 9  | Characterization of Arecoline-Induced Effects on Cytotoxicity in Normal Human Gingival Fibroblasts by Global Gene Expression Profiling. <i>Toxicological Sciences</i> , 2007, 100, 66-74.   | 3.1  | 64        |
| 10 | Up-regulation of Inflammatory Signalings by Areca Nut Extract and Role of <i>Cyclooxygenase-2</i> $\text{C}^{1195\text{G}}$ Polymorphism Reveal Risk of Oral Cancer. <i>Cancer Research</i> , 2008, 68, 8489-8498.  | 0.9  | 64        |
| 11 | Betelâ€quid dependence domains and syndrome associated with betelâ€quid ingredients among chewers: an <i>Asian multi-country evidence</i> . <i>Addiction</i> , 2014, 109, 1194-1204.  | 3.3  | 64        |
| 12 | The effect of maternal betel quid exposure during pregnancy on adverse birth outcomes among aborigines in Taiwan. <i>Drug and Alcohol Dependence</i> , 2008, 95, 134-139.   | 3.2  | 59        |
| 13 | The heterogeneity in risk factors of lung cancer and the difference of histologic distribution between genders in Taiwan. <i>Cancer Causes and Control</i> , 2001, 12, 289-300.   | 1.8  | 58        |
| 14 | Effects of arecoline on adipogenesis, lipolysis, and glucose uptake of adipocytesâ€”A possible role of betel-quid chewing in metabolic syndrome. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 370-377.   | 2.8  | 57        |
| 15 | Population Burden of Betel Quid Abuse and Its Relation to Oral Premalignant Disorders in South, Southeast, and East Asia: An Asian Betel-Quid Consortium Study. <i>American Journal of Public Health</i> , 2012, 102, e17-e24.  | 2.7  | 57        |
| 16 | Betel-quid dependence and oral potentially malignant disorders in six Asian countries. <i>British Journal of Psychiatry</i> , 2012, 201, 383-391.   | 2.8  | 55        |
| 17 | Prevalence and related risk factors of betel quid chewing by adolescent students in southern Taiwan. <i>Journal of Oral Pathology and Medicine</i> , 1996, 25, 69-71.   | 2.7  | 49        |
| 18 | Association of <i>DSM-5</i> Betel-Quid Use Disorder With Oral Potentially Malignant Disorder in 6 Betel-Quid Endemic Asian Populations. <i>JAMA Psychiatry</i> , 2018, 75, 261.   | 11.0 | 45        |

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|----|--|-----|-----------|
| 19 | Study of noise exposure and high blood pressure in shipyard workers. <i>American Journal of Industrial Medicine</i> , 1987, 12, 431-438.   | 2.1 | 44        |
| 20 | The neoplastic impact of tobacco-free betel quid on the histological type and the anatomical site of aerodigestive tract cancers. <i>International Journal of Cancer</i> , 2012, 131, E733-43.   | 5.1 | 44        |
| 21 | Areca Nut Induces miR-23a and Inhibits Repair of DNA Double-Strand Breaks by Targeting FANCG. <i>Toxicological Sciences</i> , 2011, 123, 480-490.  | 3.1 | 43        |
| 22 | Intoxication and substance use disorder to Areca catechu nut containing betel quid: A review of epidemiological evidence, pharmacological basis and social factors influencing quitting strategies. <i>Drug and Alcohol Dependence</i> , 2017, 179, 187-197. | 3.2 | 43        |
| 23 | Lymphocyte $\hat{\pm}$ -kinase is a gout-susceptible gene involved in monosodium urate monohydrate-induced inflammatory responses. <i>Journal of Molecular Medicine</i> , 2011, 89, 1241-1251.   | 3.9 | 39        |
| 24 | Prevention of exposure to mutagenic fumes produced by hot cooking oil in Taiwanese kitchens. , 1998, 31, 92-96.  |     | 37        |
| 25 | Hepatitis C virus infection among short-term intravenous drug users in southern Taiwan. <i>European Journal of Epidemiology</i> , 1999, 15, 597-601.   | 5.7 | 36        |
| 26 | ALPK1 genetic regulation and risk in relation to gout. <i>International Journal of Epidemiology</i> , 2013, 42, 466-474.   | 1.9 | 35        |
| 27 | Somatic Mutations and Genetic Variants of NOTCH1 in Head and Neck Squamous Cell Carcinoma Occurrence and Development. <i>Scientific Reports</i> , 2016, 6, 24014.  | 3.3 | 33        |
| 28 | Blood lead levels in the general population of Taiwan, Republic of China. <i>International Archives of Occupational and Environmental Health</i> , 1994, 66, 255-260.  | 2.3 | 31        |
| 29 | Three-year survey of blood lead levels in 8828 Taiwanese adults. <i>International Archives of Occupational and Environmental Health</i> , 1996, 68, 80-87.   | 2.3 | 31        |
| 30 | Quantification of Blood Betel Quid Alkaloids and Urinary 8-Hydroxydeoxyguanosine in Humans and their Association with Betel Chewing Habits. <i>Journal of Analytical Toxicology</i> , 2010, 34, 325-331.   | 2.8 | 30        |
| 31 | Preventive effect of celecoxib use against cancer progression and occurrence of oral squamous cell carcinoma. <i>Scientific Reports</i> , 2017, 7, 6235.   | 3.3 | 26        |
| 32 | Fibrotic Effects of Arecoline N-Oxide in Oral Potentially Malignant Disorders. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5787-5794.  | 5.2 | 25        |
| 33 | Ingredients Contribute to Variation in Production of Reactive Oxygen Species by Areca Quid. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1055-1069.  | 2.3 | 24        |
| 34 | LncRNA $\hat{\pm}$ :Jak3 coexpressed pattern regulates monosodium urate crystal-induced osteoclast differentiation through Nfatc1/Ctsk expression. <i>Environmental Toxicology</i> , 2019, 34, 179-187.  | 4.0 | 23        |
| 35 | A Cohort Study on Mortality and Exposure to Polychlorinated Biphenyls. <i>Archives of Environmental Health</i> , 1996, 51, 417-424.  | 0.4 | 22        |
| 36 | Monoamine oxidase A variants are associated with heavy betel quid use. <i>Addiction Biology</i> , 2012, 17, 786-797.   | 2.6 | 22        |

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|----|--|-----|-----------|
| 37 | ALPK1 regulates streptozotocin-induced nephropathy through CCL2 and CCL5 expressions. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7699-7708.   | 3.6 | 21        |
| 38 | The use of tobacco-free betel-quin in conjunction with alcohol/tobacco impacts early-onset age and carcinoma distribution for upper aerodigestive tract cancer. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 684-692. | 2.7 | 20        |
| 39 | ALPK1 phosphorylates myosin IIA modulating TNF- $\alpha$ trafficking in gout flares. <i>Scientific Reports</i> , 2016, 6, 25740.   | 3.3 | 20        |
| 40 | Female to male transmission of hepatitis b virus between chinese spouses. <i>Journal of Medical Virology</i> , 1989, 27, 142-144.  | 5.0 | 19        |
| 41 | ALPK1 affects testosterone mediated regulation of proinflammatory cytokines production. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 154, 150-158.   | 2.5 | 19        |
| 42 | Arecoline N-oxide regulates oral squamous cell carcinoma development through NOTCH1 and FAT1 expressions. <i>Journal of Cellular Physiology</i> , 2019, 234, 13984-13993.  | 4.1 | 17        |
| 43 | Betel quid-associated cancer: Prevention strategies and targeted treatment. <i>Cancer Letters</i> , 2020, 477, 60-69.  | 7.2 | 17        |
| 44 | Betel quid dependence mechanism and potential cessation therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 103, 109982.  | 4.8 | 17        |
| 45 | Segregation analysis of asthma: Recessive major gene component for asthma in relation to history of atopic diseases. <i>American Journal of Medical Genetics Part A</i> , 2000, 93, 373-380.                                       | 2.4 | 15        |
| 46 | Arecoline N-Oxide Upregulates Caspase-8 Expression in Oral Hyperplastic Lesions of Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10197-10205.  | 5.2 | 15        |
| 47 | Down-regulated and Commonly mutated ALPK1 in Lung and Colorectal Cancers. <i>Scientific Reports</i> , 2016, 6, 27350.  | 3.3 | 14        |
| 48 | Betel Quid Chewing, Personality and Mood: Betel Quid Chewing Associated with Low Extraversion and Negative Mood. <i>Substance Use and Misuse</i> , 2018, 53, 1782-1787.  | 1.4 | 14        |
| 49 | ALPK1 Expression Is Associated with Lymph Node Metastasis and Tumor Growth in Oral Squamous Cell Carcinoma Patients. <i>American Journal of Pathology</i> , 2019, 189, 190-199.  | 3.8 | 14        |
| 50 | Effect of antidepressants for cessation therapy in betel-quin use disorder: a randomised, double-blind, placebo-controlled trial. <i>Epidemiology and Psychiatric Sciences</i> , 2020, 29, e125.                                   | 3.9 | 14        |
| 51 | Assessment of Interlaboratory Performance on the Measurement of Blood Lead Levels in Taiwanese Adults.. <i>Industrial Health</i> , 1995, 33, 181-190.  | 1.0 | 14        |
| 52 | Enhanced alpha-kinase 1 accelerates multiple early nephropathies in streptozotocin-induced hyperglycemic mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2034-2042.                          | 3.8 | 13        |
| 53 | Variants of ALPK1 with ABCG2, SLC2A9, and SLC22A12 increased the positive predictive value for gout. <i>Journal of Human Genetics</i> , 2018, 63, 63-70.   | 2.3 | 13        |
| 54 | Arecoline N-oxide initiates oral carcinogenesis and arecoline N-oxide mercapturic acid attenuates the cancer risk. <i>Life Sciences</i> , 2021, 271, 119156.   | 4.3 | 13        |

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|----|---|-----|-----------|
| 55 | Identification of low-abundance proteins via fractionation of the urine proteome with weak anion exchange chromatography. <i>Proteome Science</i> , 2011, 9, 17.  | 1.7 | 12        |
| 56 | Combined Genetic Biomarkers and Betel Quid Chewing for Identifying High-Risk Group for Oral Cancer Occurrence. <i>Cancer Prevention Research</i> , 2017, 10, 355-362.   | 1.5 | 12        |
| 57 | Antidepressants in association with reducing risk of oral cancer occurrence: a nationwide population-based cohort and nested case-control studies. <i>Oncotarget</i> , 2016, 7, 11687-11695.                      | 1.8 | 12        |
| 58 | Variants in FAT1 and COL9A1 genes in male population with or without substance use to assess the risk factors for oral malignancy. <i>PLoS ONE</i> , 2019, 14, e0210901.  | 2.5 | 11        |
| 59 | Long noncoding RNA HAR1A regulates oral cancer progression through the alpha-kinase 1, bromodomain 7, and myosin IIA axis. <i>Journal of Molecular Medicine</i> , 2021, 99, 1323-1334.                            | 3.9 | 11        |
| 60 | Antidepressant-induced reduction in betel-quid use in patients with depression. <i>Medicine (United States)</i> , 2019, 98, 10.   | 1.0 | 10        |
| 61 | Familial Risk of Asthma Among Adolescents and Their Relatives in Taiwan. <i>Journal of Asthma</i> , 2001, 38, 485-494.  | 1.7 | 8         |
| 62 | URAT1 inhibition by ALPK1 is associated with uric acid homeostasis. <i>Rheumatology</i> , 2016, 56, kew463.   | 1.9 | 8         |
| 63 | Mild and Highly Selective O-Sialylation Method Based on Pre-Activation: Access to Gangliosides Hp-s1, DSG-A, and Their Analogues. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1556-1560.                 | 2.7 | 7         |
| 64 | Serum alanine aminotransferase levels in relation to hepatitis B and C virus infections among drug abusers in an area hyperendemic for hepatitis B. <i>Digestive Diseases and Sciences</i> , 2000, 45, 1949-1952. | 2.3 | 6         |
| 65 | Regulatory elements in vectors containing the cEF-1 $\beta$ first intron and double enhancers for an efficient recombinant protein expression system. <i>Scientific Reports</i> , 2018, 8, 15396.                 | 3.3 | 5         |
| 66 | Reduction in and Preventive Effects for Oral-Cancer Risk with Antidepressant Treatment. <i>Journal of Personalized Medicine</i> , 2021, 11, 591.  | 2.5 | 5         |
| 67 | Synthesis and Bioassay of Neurogenically Potent Gangliosides DSG-A, Hp-s1 and Their Analogues. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1264-1268.   | 3.5 | 3         |
| 68 | Segregation analysis of asthma: Recessive major gene component for asthma in relation to history of atopic diseases. <i>American Journal of Medical Genetics Part A</i> , 2000, 93, 373-380.                      | 2.4 | 3         |
| 69 | Adaptations of Linkage and Association Methods for the Study of Asthma, A Complex Trait. <i>Genetic Epidemiology</i> , 2001, 21, S89-96.  | 1.3 | 2         |
| 70 | Interaction Between Rare Variants in <i>NOTCH1</i> and Betel Quid Chewing in Oral Squamous Cell Carcinoma. <i>Genetic Testing and Molecular Biomarkers</i> , 2017, 21, 608-612.                                   | 0.7 | 2         |
| 71 | The mechanism of determining the adulteration of whole milk with milk powder by spectrophotometry. <i>Molecular Nutrition and Food Research</i> , 1991, 35, 351-358.  | 0.0 | 1         |
| 72 | A haplotype-specific linkage disequilibrium pattern of monoamine oxidase A gene associated with regular smoking in women. <i>Journal of Gene Medicine</i> , 2019, 21, e3142.                                      | 2.8 | 1         |

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| 73 | Three-year survey of blood lead levels in 8828 Taiwanese adults. International Archives of Occupational and Environmental Health, 1996, 68, 80-87. | 2.3 | 1         |