Joshua E Muscat

List of Publications by Year
in descending order

84	2,076	218677	276875
papers	citations	26 h-index	41 g-index

87	87	87	2736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of dairy products and dietary calcium on bone-mineral content in children: Results of a meta-analysis. Bone, 2008, 43, 312-321.	2.9	157
2	Cigarette smoking and gastric cancer in the Stomach Cancer Pooling (StoP) Project. European Journal of Cancer Prevention, 2018, 27, 124-133.	1.3	134
3	Effect of flavoring chemicals on free radical formation in electronic cigarette aerosols. Free Radical Biology and Medicine, 2018, 120, 72-79.	2.9	111
4	Time to First Cigarette after Waking Predicts Cotinine Levels. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 3415-3420.	2.5	98
5	Alcohol consumption and gastric cancer riskâ€"A pooled analysis within the StoP project consortium. International Journal of Cancer, 2017, 141, 1950-1962.	5.1	85
6	Glucuronidation Genotypes and Nicotine Metabolic Phenotypes: Importance of Functional UGT2B10 and UGT2B17 Polymorphisms. Cancer Research, 2010, 70, 7543-7552.	0.9	67
7	Effects of Solvent and Temperature on Free Radical Formation in Electronic Cigarette Aerosols. Chemical Research in Toxicology, 2018, 31, 4-12.	3.3	66
8	Alcohol drinking and head and neck cancer risk: the joint effect of intensity and duration. British Journal of Cancer, 2020, 123, 1456-1463.	6.4	65
9	Effects of Menthol on Tobacco Smoke Exposure, Nicotine Dependence, and NNAL Glucuronidation. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 35-41.	2.5	63
10	The stomach cancer pooling (StoP) project. European Journal of Cancer Prevention, 2015, 24, 16-23.	1.3	59
11	Perineal talc use and ovarian cancer: a critical review. European Journal of Cancer Prevention, 2008, 17, 139-146.	1.3	52
12	Higher Mushroom Consumption Is Associated with Lower Risk of Cancer: A Systematic Review and Meta-Analysis of Observational Studies. Advances in Nutrition, 2021, 12, 1691-1704.	6.4	43
13	Socioeconomic differences in nicotine exposure and dependence in adult daily smokers. BMC Public Health, 2019, 19, 375.	2.9	42
14	Low frequency of cigarette smoking and the risk of head and neck cancer in the INHANCE consortium pooled analysis. International Journal of Epidemiology, 2016, 45, 835-845.	1.9	40
15	Nicotine dependence phenotype, time to first cigarette, and risk of head and neck cancer. Cancer, 2011, 117, 5377-5382.	4.1	37
16	Education and gastric cancer riskâ€"An individual participant data metaâ€analysis in the StoP project consortium. International Journal of Cancer, 2020, 146, 671-681.	5.1	36
17	Predictors of the Nicotine Dependence Behavior Time to the First Cigarette in a Multiracial Cohort. Nicotine and Tobacco Research, 2015, 17, 819-824.	2.6	34
18	Association of sulfur amino acid consumption with cardiometabolic risk factors: Cross-sectional findings from NHANES III. EClinicalMedicine, 2020, 19, 100248.	7.1	34

#	Article	IF	Citations
19	Effect of smoking reduction and cessation on the plasma levels of the oxidative stress biomarker glutathione â€“ Post-hoc analysis of data from a smoking cessation trial. Free Radical Biology and Medicine, 2016, 91, 172-177.	2.9	33
20	Tobacco smoking and gastric cancer: meta-analyses of published data versus pooled analyses of individual participant data (StoP Project). European Journal of Cancer Prevention, 2018, 27, 197-204.	1.3	33
21	Comparison of Puff Volume With Cigarettes per Day in Predicting Nicotine Uptake Among Daily Smokers. American Journal of Epidemiology, 2016, 184, 48-57.	3.4	32
22	Joint effects of intensity and duration of cigarette smoking on the risk of head and neck cancer: A bivariate spline model approach. Oral Oncology, 2019, 94, 47-57.	1.5	32
23	Nicotine dependence phenotype and lung cancer risk. Cancer, 2011, 117, 5370-5376.	4.1	31
24	Variation in Free Radical Yields from U.S. Marketed Cigarettes. Chemical Research in Toxicology, 2017, 30, 1038-1045.	3.3	31
25	A comparison of creatinine vs. specific gravity to correct for urinary dilution of cotinine. Biomarkers, 2011, 16, 206-211.	1.9	30
26	A Survey of Nicotine Yields in Small Cigar Smoke: Influence of Cigar Design and Smoking Regimens. Nicotine and Tobacco Research, 2018, 20, 1250-1257.	2.6	29
27	Income as a moderator of psychological stress and nicotine dependence among adult smokers. Addictive Behaviors, 2018, 84, 215-223.	3.0	28
28	Mushroom intake and depression: A population-based study using data from the US National Health and Nutrition Examination Survey (NHANES), 2005â€“2016. Journal of Affective Disorders, 2021, 294, 686-692.	4.1	25
29	Racial differences in the relationship between tobacco, alcohol, and the risk of head and neck cancer: pooled analysis of US studies in the INHANCE Consortium. Cancer Causes and Control, 2018, 29, 619-630.	1.8	24
30	Comparison of CYP1A2 and NAT2 phenotypes between black and white smokers. Biochemical Pharmacology, 2008, 76, 929-937.	4.4	23
31	The nicotine dependence phenotype, time to first cigarette, and larynx cancer risk. Cancer Causes and Control, 2012, 23, 497-503.	1.8	23
32	Brand variation in oxidant production in mainstream cigarette smoke: Carbonyls and free radicals. Food and Chemical Toxicology, 2017, 106, 147-154.	3.6	23
33	Free Radical Production and Characterization of Heat-Not-Burn Cigarettes in Comparison to Conventional and Electronic Cigarettes. Chemical Research in Toxicology, 2020, 33, 1882-1887.	3.3	23
34	Sex/Gender Differences in Cotinine Levels Among Daily Smokers in the Pennsylvania Adult Smoking Study. Journal of Women's Health, 2017, 26, 1222-1230.	3.3	22
35	Effects of Topography-Related Puff Parameters on Carbonyl Delivery in Mainstream Cigarette Smoke. Chemical Research in Toxicology, 2017, 30, 1463-1469.	3.3	20
36	Mobile Telephones and Rates of Brain Cancer. Neuroepidemiology, 2006, 27, 55-56.	2.3	19

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37	Menthol smoking in relation to time to first cigarette and cotinine: Results from a community-based study. Regulatory Toxicology and Pharmacology, 2012, 63, 166-170.	2.7	19
38	Time to First Cigarette and 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol (NNAL) Levels in Adult Smokers; National Health and Nutrition Examination Survey (NHANES), 2007â€“2010. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 615-622.	2.5	18
39	Association of mushroom consumption with all-cause and cause-specific mortality among American adults: prospective cohort study findings from NHANES III. Nutrition Journal, 2021, 20, 38.	3.4	18
40	Nicotine dependence as an independent risk factor for atherosclerosis in the National Lung Screening Trial. BMC Public Health, 2019, 19, 103.	2.9	17
41	Prospective study of dietary mushroom intake and risk of mortality: results from continuous National Health and Nutrition Examination Survey (NHANES) 2003-2014 and a meta-analysis. Nutrition Journal, 2021, 20, 80.	3.4	17
42	Charcoal cigarette filters and lung cancer risk in Aichi Prefecture, Japan. Cancer Science, 2005, 96, 283-287.	3.9	16
43	Nicotine metabolite ratio predicts smoking topography: The Pennsylvania Adult Smoking Study. Drug and Alcohol Dependence, 2018, 190, 89-93.	3.2	16
44	Influence of Smoking Puff Parameters and Tobacco Varieties on Free Radicals Yields in Cigarette Mainstream Smoke. Chemical Research in Toxicology, 2018, 31, 325-331.	3.3	15
45	Switching to Progressively Reduced Nicotine Content Cigarettes in Smokers With Low Socioeconomic Status: A Double-Blind Randomized Clinical Trial. Nicotine and Tobacco Research, 2021, 23, 992-1001.	2.6	14
46	A two-site, two-arm, 34-week, double-blind, parallel-group, randomized controlled trial of reduced nicotine cigarettes in smokers with mood and/or anxiety disorders: trial design and protocol. BMC Public Health, 2017, 17, 100.	2.9	13
47	Little Cigars, Filtered Cigars, and their Carbonyl Delivery Relative to Cigarettes. Nicotine and Tobacco Research, 2018, 20, S99-S106.	2.6	13
48	An Integrated Approach for Preventing Oral Cavity and Oropharyngeal Cancers: Two Etiologies with Distinct and Shared Mechanisms of Carcinogenesis. Cancer Prevention Research, 2020, 13, 649-660.	1.5	13
49	Effect of Charcoal in Cigarette Filters on Free Radicals in Mainstream Smoke. Chemical Research in Toxicology, 2018, 31, 745-751.	3.3	12
50	Age at start of using tobacco on the risk of head and neck cancer: Pooled analysis in the International Head and Neck Cancer Epidemiology Consortium (INHANCE). Cancer Epidemiology, 2019, 63, 101615.	1.9	12
51	Association of dietary sulfur amino acid intake with mortality from diabetes and other causes. European Journal of Nutrition, 2022, 61, 289-298.	3.9	12
52	Reduced nicotine content cigarettes in smokers of low socioeconomic status: study protocol for a randomized control trial. Trials, 2017, 18, 300.	1.6	11
53	Pharmacokinetic Profile of Spectrum Reduced Nicotine Cigarettes. Nicotine and Tobacco Research, 2020, 22, 273-279.	2.6	11
54	Mushroom intake and cognitive performance among US older adults: the National Health and Nutrition Examination Survey, 2011â€“2014. British Journal of Nutrition, 2022, 128, 2241-2248.	2.3	11

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55	Ecological momentary assessment of smoking behaviors in native and converted intermittent smokers. American Journal on Addictions, 2018, 27, 131-138.	1.4	10
56	Differences in nicotine dependence, smoke exposure and consumer characteristics between smokers of machine-injected roll-your-own cigarettes and factory-made cigarettes. Drug and Alcohol Dependence, 2018, 187, 109-115.	3.2	9
57	Characteristics of Adult Cigarette Smokers Who â€œRelightâ€•and the Effects of Exposure to Tobacco Smoke Constituents. Nicotine and Tobacco Research, 2019, 21, 1206-1212.	2.6	9
58	Acceptability of SPECTRUM Research Cigarettes among Participants in Trials of Reduced Nicotine Content Cigarettes. Tobacco Regulatory Science (discontinued), 2018, 4, 573-585.	0.2	9
59	Risk factors for head and neck cancer in more and less developed countries: Analysis from the INHANCE consortium. Oral Diseases, 2023, 29, 1565-1578.	3.0	9
60	Reducing the Nicotine Content of Cigarettes: Effects in Smokers With Mental Health Conditions and Socioeconomic Disadvantages. Nicotine and Tobacco Research, 2019, 21, S26-S28.	2.6	7
61	Nitric oxide-releasing medications and colorectal cancer risk: the framingham study. Anticancer Research, 2005, 25, 4471-4.	1.1	6
62	Comparison between Gradual Reduced Nicotine Content and Usual Nicotine Content Groups on Subjective Cigarette Ratings in a Randomized Double-Blind Trial. International Journal of Environmental Research and Public Health, 2020, 17, 7047.	2.6	5
63	Comparison of Carcinogen Biomarkers in Smokers of Menthol and Nonmenthol Cigarettes: The 2015â€“2016 National Health and Nutrition Examination Survey Special Sample. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1539-1545.	2.5	5
64	Comparison of Biomarkers of Tobacco Exposure between Premium and Discount Brand Cigarette Smokers in the NHANES 2011â€“2012 Special Sample. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 601-609.	2.5	4
65	Effects of Charcoal on Carbonyl Delivery from Commercial, Research, and Make-Your-Own Cigarettes. Chemical Research in Toxicology, 2018, 31, 1339-1347.	3.3	4
66	Free Radical and Nicotine Yields in Mainstream Smoke of Chinese Marketed Cigarettes: Variation with Smoking Regimens and Cigarette Brands. Chemical Research in Toxicology, 2020, 33, 1791-1797.	3.3	4
67	Cigarette Management System: An operating procedures guide to obtaining and managing investigational tobacco products for regulatory science research. Contemporary Clinical Trials Communications, 2018, 11, 69-74.	1.1	3
68	The Effect of Price on the Consumption of Reduced Nicotine Cigarettes. Nicotine and Tobacco Research, 2019, 21, 955-961.	2.6	3
69	Time to first cigarette of the day and 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL) in adult regular and non-daily smokers: (NHANES) 2007â€“10. Regulatory Toxicology and Pharmacology, 2019, 108, 104454.	2.7	3
70	Household Smoking Restrictions, Time to First Cigarette and Tobacco Dependence. Journal of Smoking Cessation, 2021, 2021, 5517773.	1.0	3
71	Adult height and risk of gastric cancer: a pooled analysis within the Stomach cancer Pooling Project. European Journal of Cancer Prevention, 2023, 32, 215-221.	1.3	3
72	Knowledge and perceptions of tobacco-related media in rural Appalachia. Rural and Remote Health, 2015, 15, 3136.	0.5	3

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73	Lower lung cancer rates in <scp>J</scp>ewish smokers in <scp>I</scp>srael and the <scp>USA</scp>. International Journal of Cancer, 2015, 137, 2155-2162.	5.1	2
74	On metaâ€•and megaâ€analyses for geneâ€“environment interactions. Genetic Epidemiology, 2017, 41, 876-886.	1.3	2
75	Feasibility of Patient Navigation-Based Smoking Cessation Program in Cancer Patients. International Journal of Environmental Research and Public Health, 2022, 19, 4034.	2.6	2
76	Effect of Cigarette Rod Length on Smokers Switching to SPECTRUM Cigarettes. American Journal of Health Behavior, 2019, 43, 380-392.	1.4	1
77	Clinical trial recruitment of adult African American smokers from economically disadvantaged urban communities. Journal of Ethnicity in Substance Abuse, 2020, 19, 133-150.	0.9	1
78	Glutathione Deficiency in HIV-1-Infected Children with Short Stature. Journal of Pediatric Infectious Diseases, 0, 16, .	0.2	1
79	Characterizing nicotine exposure among a community sample of non-daily smokers in the United States. BMC Public Health, 2021, 21, 1025.	2.9	1
80	Authorsâ€™ response: Mushroom intake and depression: A population-based study using data from the US National Health and Nutrition Examination Survey (NHANES), 2005â€“2016. Journal of Affective Disorders, 2021, 296, 668.	4.1	1
81	Nighttime Waking to Smoke, Stress, and Nicotine Addiction. Behavioral Sleep Medicine, 2021, , 1-10.	2.1	1
82	Enhanced Glutathione Levels in Blood and Buccal Cells by Oral Glutathione Supplementation. FASEB Journal, 2013, 27, 862.32.	0.5	1
83	THE AUTHORS REPLY. American Journal of Epidemiology, 2017, 186, 625-626.	3.4	0
84	Association of hemochromatosis (HFE) gene polymorphisms with oral cancer risk. FASEB Journal, 2011, 25, .	0.5	0