Sharon E Murphy

List of Publications by Year
in descending order

69	3,057	136950	168389
papers	citations	32 h-index	53 g-index

71	71	71	3217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring Potential for a Personalized Medicine Approach to Smoking Cessation With an American Indian Tribe. Nicotine and Tobacco Research, 2023, 25, 120-126.	2.6	3
2	A Randomized Trial of Nicotine versus No-nicotine E-cigarettes Among African American Smokers: Changes in Smoking and Tobacco Biomarkers. Nicotine and Tobacco Research, 2022, 24, 555-563.	2.6	5
3	Nicotine Metabolism and Its Role in Cancer. , 2022, , 197-213.		1
4	Detecting participant noncompliance across multiple time points by modeling a longitudinal biomarker. Clinical Trials, 2021, 18, 28-38.	1.6	0
5	Biochemistry of nicotine metabolism and its relevance to lung cancer. Journal of Biological Chemistry, 2021, 296, 100722.	3.4	36
6	Ethnic Differences of Urinary Cadmium in Cigarette Smokers from the Multiethnic Cohort Study. International Journal of Environmental Research and Public Health, 2021, 18, 2669.	2.6	1
7	Multiethnic Prediction of Nicotine Biomarkers and Association With Nicotine Dependence. Nicotine and Tobacco Research, 2021, 23, 2162-2169.	2.6	6
8	Mouth-Level Nicotine Intake Estimates from Discarded Filter Butts to Examine Compensatory Smoking in Low Nicotine Cigarettes. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 643-649.	2.5	11
9	Applying Tobacco, Environmental, and Dietary-Related Biomarkers to Understand Cancer Etiology and Evaluate Prevention Strategies. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1904-1919.	2.5	4
10	Urinary Cyanoethyl Mercapturic Acid, a Biomarker of the Smoke Toxicant Acrylonitrile, Clearly Distinguishes Smokers From Nonsmokers. Nicotine and Tobacco Research, 2020, 22, 1744-1747.	2.6	12
11	UGT2B10 Genotype Influences Serum Cotinine Levels and Is a Primary Determinant of Higher Cotinine in African American Smokers. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1673-1678.	2.5	7
12	Relationships between the Nicotine Metabolite Ratio and a Panel of Exposure and Effect Biomarkers: Findings from Two Studies of U.S. Commercial Cigarette Smokers. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 871-879.	2.5	17
13	Urinary Cotinine Is as Good a Biomarker as Serum Cotinine for Cigarette Smoking Exposure and Lung Cancer Risk Prediction. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 127-132.	2.5	23
14	Randomized Trial of Low-Nicotine Cigarettes and Transdermal Nicotine. American Journal of Preventive Medicine, 2019, 57, 515-524.	3.0	27
15	Racial/Ethnic Differences in Lung Cancer Incidence in the Multiethnic Cohort Study: An Update. Journal of the National Cancer Institute, 2019, 111, 811-819.	6.3	74
16	Influence of UGT2B10 Genotype on Urinary Excretion of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol-N-glucuronide by African American Smokers. Chemical Research in Toxicology, 2018, 31, 168-175.	3.3	4
17	Effect of Immediate vs Gradual Reduction in Nicotine Content of Cigarettes on Biomarkers of Smoke Exposure. JAMA - Journal of the American Medical Association, 2018, 320, 880.	7.4	113
18	In Vivo Stable-Isotope Labeling and Mass-Spectrometry-Based Metabolic Profiling of a Potent Tobacco-Specific Carcinogen in Rats. Analytical Chemistry, 2018, 90, 11863-11872.	6.5	10

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19	Tobacco biomarkers and genetic/epigenetic analysis to investigate ethnic/racial differences in lung cancer risk among smokers. Npj Precision Oncology, 2018, 2, 17.	5.4	38
20	Collaborative Method Performance Study of the Measurement of Nicotine, Its Metabolites, and Total Nicotine Equivalents in Human Urine. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 1083-1090.	2.5	15
21	Web-Delivered Multimedia Training Materials for the Self-Collection of Dried Blood Spots: A Formative Project. JMIR Formative Research, 2018, 2, e11025.	1.4	15
22	Low Cotinine Glucuronidation Results in Higher Serum and Saliva Cotinine in African American Compared to White Smokers. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1093-1099.	2.5	20
23	CYP2A6 genetic polymorphisms and biomarkers of tobacco smoke constituents in relation to risk of lung cancer in the Singapore Chinese Health Study. Carcinogenesis, 2017, 38, 411-418.	2.8	51
24	Nicotine Metabolism and Smoking: Ethnic Differences in the Role of P450 2A6. Chemical Research in Toxicology, 2017, 30, 410-419.	3.3	44
25	Association of CYP2A6 activity with lung cancer incidence in smokers: The multiethnic cohort study. PLoS ONE, 2017, 12, e0178435.	2.5	35
26	Nicotine and Anatabine Exposure from Very Low Nicotine Content Cigarettes. Tobacco Regulatory Science (discontinued), 2016, 2, 186-203.	0.2	29
27	Estimations and predictors of nonâ€compliance in switchers to reduced nicotine content cigarettes. Addiction, 2016, 111, 2208-2216.	3.3	44
28	2-Phenethyl Isothiocyanate, Glutathione S-transferase M1 and T1 Polymorphisms, and Detoxification of Volatile Organic Carcinogens and Toxicants in Tobacco Smoke. Cancer Prevention Research, 2016, 9, 598-606.	1.5	24
29	Novel Association of Genetic Markers Affecting CYP2A6 Activity and Lung Cancer Risk. Cancer Research, 2016, 76, 5768-5776.	0.9	57
30	Genetic determinants of cytochrome P450 2A6 activity and biomarkers of tobacco smoke exposure in relation to risk of lung cancer development in the Shanghai cohort study. International Journal of Cancer, 2016, 138, 2161-2171.	5.1	38
31	Dietary Dihydromethysticin Increases Glucuronidation of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in A/J Mice, Potentially Enhancing Its Detoxification. Drug Metabolism and Disposition, 2016, 44, 422-427.	3.3	14
32	Quantitation of the Minor Tobacco Alkaloids Nornicotine, Anatabine, and Anabasine in Smokersâ€™ Urine by High Throughput Liquid Chromatographyâ€“Mass Spectrometry. Chemical Research in Toxicology, 2016, 29, 390-397.	3.3	35
33	Genetic determinants of CYP2A6 activity across racial/ethnic groups with different risks of lung cancer and effect on their smoking intensity. Carcinogenesis, 2016, 37, 269-279.	2.8	48
34	Clinical Trial of 2-Phenethyl Isothiocyanate as an Inhibitor of Metabolic Activation of a Tobacco-Specific Lung Carcinogen in Cigarette Smokers. Cancer Prevention Research, 2016, 9, 396-405.	1.5	67
35	The Contribution of Common Genetic Variation to Nicotine and Cotinine Glucuronidation in Multiple Ethnic/Racial Populations. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 119-127.	2.5	47
36	Nicotine Metabolite Ratio (3-Hydroxycotinine/Cotinine) in Plasma and Urine by Different Analytical Methods and Laboratories: Implications for Clinical Implementation. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1239-1246.	2.5	65

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37	Benzene oxide is a substrate for glutathione S-transferases. Chemico-Biological Interactions, 2015, 242, 390-395.	4.0	13
38	Associations Between Genetic Ancestries and Nicotine Metabolism Biomarkers in the Multiethnic Cohort Study. American Journal of Epidemiology, 2015, 182, 945-951.	3.4	12
39	Nicotine N-glucuronidation relative to N-oxidation and C-oxidation and UGT2B10 genotype in five ethnic/racial groups. Carcinogenesis, 2014, 35, 2526-2533.	2.8	124
40	1,3-Butadiene Exposure and Metabolism among Japanese American, Native Hawaiian, and White Smokers. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2240-2249.	2.5	22
41	Prenatal Tobacco Exposure and Cotinine in Newborn Dried Blood Spots. Pediatrics, 2014, 133, e1632-e1638.	2.1	31
42	Tobacco smoke biomarkers and cancer risk among male smokers in the Shanghai Cohort Study. Cancer Letters, 2013, 334, 34-38.	7.2	34
43	The contribution of common UGT2B10 and CYP2A6 alleles to variation in nicotine glucuronidation among European Americans. Pharmacogenetics and Genomics, 2013, 23, 706-716.	1.5	13
44	Cotinine and trans 3â€²-hydroxycotinine in dried blood spots as biomarkers of tobacco exposure and nicotine metabolism. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 513-518.	3.9	53
45	Effects upon in-vivo nicotine metabolism reveal functional variation in FMO3 associated with cigarette consumption. Pharmacogenetics and Genomics, 2013, 23, 62-68.	1.5	29
46	Use of a predictive model derived from in vivo endophenotype measurements to demonstrate associations with a complex locus, CYP2A6. Human Molecular Genetics, 2012, 21, 3050-3062.	2.9	35
47	CYP2A6- and CYP2A13-Catalyzed Metabolism of the Nicotine Î”^{5â€²(1â€²)}Iminium Ion. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 307-315.	2.5	24
48	Common polymorphisms in FMO1 are associated with nicotine dependence. Pharmacogenetics and Genomics, 2011, 21, 397-402.	1.5	18
49	The contribution of common CYP2A6 alleles to variation in nicotine metabolism among Europeanâ€“Americans. Pharmacogenetics and Genomics, 2011, 21, 403-416.	1.5	97
50	Urinary Levels of Cigarette Smoke Constituent Metabolites Are Prospectively Associated with Lung Cancer Development in Smokers. Cancer Research, 2011, 71, 6749-6757.	0.9	103
51	Chronic Nicotine Consumption Does Not Influence 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanoneâ€“Induced Lung Tumorigenesis. Cancer Prevention Research, 2011, 4, 1752-1760.	1.5	22
52	Nicotine Metabolism in African Americans and European Americans: Variation in Glucuronidation by Ethnicity and UGT2B10 Haplotype. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 202-209.	2.5	54
53	UGT2B10 Genotype Influences Nicotine Glucuronidation, Oxidation, and Consumption. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 1423-1431.	2.5	28
54	Urinary Levels of Tobacco-Specific Nitrosamine Metabolites in Relation to Lung Cancer Development in Two Prospective Cohorts of Cigarette Smokers. Cancer Research, 2009, 69, 2990-2995.	0.9	144

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55	Nicotine Metabolism in Three Ethnic/Racial Groups with Different Risks of Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3526-3535.	2.5	83
56	Smokers with the CHRNA Lung Cancerâ€“Associated Variants Are Exposed to Higher Levels of Nicotine Equivalents and a Carcinogenic Tobacco-Specific Nitrosamine. Cancer Research, 2008, 68, 9137-9140.	0.9	186
57	Inactivation of CYP2A6 and CYP2A13 during Nicotine Metabolism. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 295-303.	2.5	50
58	Nicotine and 4-(methylnitrosamino)-1-(3-pyridyl)-butanone (NNK) metabolism by cytochrome P450 2B6. Drug Metabolism and Disposition, 2005, 33, 1760-4.	3.3	40
59	Relationships between Cigarette Consumption and Biomarkers of Tobacco Toxin Exposure. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2963-2968.	2.5	115
60	NICOTINE 5â€²-OXIDATION AND METHYL OXIDATION BY P450 2A ENZYMES. Drug Metabolism and Disposition, 2005, 33, 1166-1173.	3.3	82
61	Cytochrome P450 Enzymes as Catalysts of Metabolism of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone, a Tobacco Specific Carcinogen. Chemical Research in Toxicology, 2005, 18, 95-110.	3.3	142
62	Metabolic Activation of the Tobacco Carcinogen 4-(Methylnitrosamino)-(3-pyridyl)-1-butanone by Cytochrome P450 2A13 in Human Fetal Nasal Microsomes. Chemical Research in Toxicology, 2005, 18, 913-918.	3.3	39
63	Identification of N-(Hydroxymethyl) Norcotinine as a Major Product of Cytochrome P450 2A6, but Not Cytochrome P450 2A13-Catalyzed Cotinine Metabolism. Chemical Research in Toxicology, 2005, 18, 1792-1798.	3.3	22
64	N-Glucuronidation oftrans-3â€˜-Hydroxycotinine by Human Liver Microsomes. Chemical Research in Toxicology, 2003, 16, 1502-1506.	3.3	21
65	COMPARATIVE METABOLISM OF THE TOBACCO-SPECIFIC NITROSAMINES 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANONE AND 4-(METHYLNITROSAMINO)-1-(3-PYRIDYL)-1-BUTANOL BY RAT CYTOCHROME P450 2A3 AND HUMAN CYTOCHROME P450 2A13. Drug Metabolism and Disposition, 2003, 31, 1199-1202.	3.3	65
66	N-GLUCURONIDATION OF NICOTINE AND COTININE BY HUMAN LIVER MICROSOMES AND HETEROLOGOUSLY EXPRESSED UDP-GLUCURONOSYLTRANSFERASES. Drug Metabolism and Disposition, 2003, 31, 1361-1368.	3.3	75
67	Effects of phenobarbital and 3-methylcholanthrene induction on the formation of three glucuronide metabolites of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, NNK. Chemico-Biological Interactions, 1997, 103, 153-166.	4.0	14
68	Glucuronidation of 4-[(Hydroxymethyl)nitrosamino]-1-(3-pyridyl)-1-butanone, a Metabolically Activated Form of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone, by Phenobarbital-Treated Rats. Chemical Research in Toxicology, 1995, 8, 772-779.	3.3	34
69	A Tobacco-Specific Lung Carcinogen in the Urine of Men Exposed to Cigarette Smoke. New England Journal of Medicine, 1993, 329, 1543-1546.	27.0	191