

# Valerie B Duffy

## List of Publications by Citations

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78  
papers

5,546  
citations

40  
h-index

74  
g-index

91  
ext. papers

6,270  
ext. citations

3.9  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
78	PTC/PROP tasting: anatomy, psychophysics, and sex effects. <i>Physiology and Behavior</i> , <b>1994</b> , 56, 1165-71	3.5	603
77	Bitter taste markers explain variability in vegetable sweetness, bitterness, and intake. <i>Physiology and Behavior</i> , <b>2006</b> , 87, 304-13	3.5	292
76	Bitter receptor gene (TAS2R38), 6-n-propylthiouracil (PROP) bitterness and alcohol intake. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2004</b> , 28, 1629-37	3.7	276
75	Psychophysics of sweet and fat perception in obesity: problems, solutions and new perspectives. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 361, 1137-48	5.8	257
74	Supertasting and PROP bitterness depends on more than the TAS2R38 gene. <i>Chemical Senses</i> , <b>2008</b> , 33, 255-65	4.8	222
73	Food acceptance and genetic variation in taste. <i>Journal of the American Dietetic Association</i> , <b>2000</b> , 100, 647-55		213
72	Olfactory dysfunction and related nutritional risk in free-living, elderly women. <i>Journal of the American Dietetic Association</i> , <b>1995</b> , 95, 879-84; quiz 885-6		193
71	Allelic variation in TAS2R bitter receptor genes associates with variation in sensations from and ingestive behaviors toward common bitter beverages in adults. <i>Chemical Senses</i> , <b>2011</b> , 36, 311-9	4.8	187
70	Anosmia-A Clinical Review. <i>Chemical Senses</i> , <b>2017</b> , 42, 513-523	4.8	166
69	Explaining variability in sodium intake through oral sensory phenotype, salt sensation and liking. <i>Physiology and Behavior</i> , <b>2010</b> , 100, 369-80	3.5	159
68	Associations between taste genetics, oral sensation and alcohol intake. <i>Physiology and Behavior</i> , <b>2004</b> , 82, 435-45	3.5	149
67	Vegetable Intake in College-Aged Adults Is Explained by Oral Sensory Phenotypes and TAS2R38 Genotype. <i>Chemosensory Perception</i> , <b>2010</b> , 3, 137-148	1.2	147
66	Revisiting sugar-fat mixtures: sweetness and creaminess vary with phenotypic markers of oral sensation. <i>Chemical Senses</i> , <b>2007</b> , 32, 225-36	4.8	137
65	Gustation assessment using the NIH Toolbox. <i>Neurology</i> , <b>2013</b> , 80, S20-4	6.5	135
64	Sweet and bitter tastes of alcoholic beverages mediate alcohol intake in of-age undergraduates. <i>Physiology and Behavior</i> , <b>2005</b> , 83, 821-31	3.5	130
63	Variation in oral sensation: implications for diet and health. <i>Current Opinion in Gastroenterology</i> , <b>2007</b> , 23, 171-7	3	124
62	New chemosensory component in the U.S. National Health and Nutrition Examination Survey (NHANES): first-year results for measured olfactory dysfunction. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2016</b> , 17, 221-40	10.5	118

61	Oral sensory phenotype identifies level of sugar and fat required for maximal liking. <i>Physiology and Behavior</i> , <b>2008</b> , 95, 77-87	3.5	118
60	Surveying food and beverage liking: a tool for epidemiological studies to connect chemosensation with health outcomes. <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1170, 558-68	6.5	105
59	Prevalence and Risk Factors of Self-Reported Smell and Taste Alterations: Results from the 2011-2012 US National Health and Nutrition Examination Survey (NHANES). <i>Chemical Senses</i> , <b>2016</b> , 41, 69-76	4.8	99
58	PROP (6-n-propylthiouracil) supertasters and the saltiness of NaCl. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 855, 793-6	6.5	95
57	Taste damage: previously unsuspected consequences. <i>Chemical Senses</i> , <b>2005</b> , 30 Suppl 1, i218-9	4.8	84
56	Associations of Measured Smell Function with Adiposity and Cardiometabolic Measures: Results from the 2013-2014 National Health and Nutrition Examination Survey (NHANES) (OR22-02-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	78
55	Effect of olfactory deficits on nutritional status. Does age predict persons at risk?. <i>Annals of the New York Academy of Sciences</i> , <b>1989</b> , 561, 113-23	6.5	78
54	The Taste and Smell Protocol in the 2011-2014 US National Health and Nutrition Examination Survey (NHANES): Test-Retest Reliability and Validity Testing. <i>Chemosensory Perception</i> , <b>2015</b> , 8, 138-148	1.2	73
53	Oral capsaicin provides temporary relief for oral mucositis pain secondary to chemotherapy/radiation therapy. <i>Journal of Pain and Symptom Management</i> , <b>1995</b> , 10, 243-8	4.8	73
52	Food preference questionnaire as a screening tool for assessing dietary risk of cardiovascular disease within health risk appraisals. <i>Journal of the American Dietetic Association</i> , <b>2007</b> , 107, 237-45		72
51	Association between 6-n-propylthiouracil (PROP) bitterness and colonic neoplasms. <i>Digestive Diseases and Sciences</i> , <b>2005</b> , 50, 483-9	4	72
50	Masking Vegetable Bitterness to Improve Palatability Depends on Vegetable Type and Taste Phenotype. <i>Chemosensory Perception</i> , <b>2013</b> , 6, 8-19	1.2	68
49	Taste changes across pregnancy. <i>Annals of the New York Academy of Sciences</i> , <b>1998</b> , 855, 805-9	6.5	67
48	Chronic Cigarette Smoking Associates Directly and Indirectly with Self-Reported Olfactory Alterations: Analysis of the 2011-2014 National Health and Nutrition Examination Survey. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, 818-827	4.9	64
47	Geriatric oral health and its impact on eating. <i>Journal of the American Geriatrics Society</i> , <b>1996</b> , 44, 456-64	5.6	61
46	Associations between oral sensation, dietary behaviors and risk of cardiovascular disease (CVD). <i>Appetite</i> , <b>2004</b> , 43, 5-9	4.5	58
45	From psychophysics to the clinic: missteps and advances. <i>Food Quality and Preference</i> , <b>2004</b> , 15, 617-632	5.8	56
44	Dietary calcium intake and renin angiotensin system polymorphisms alter the blood pressure response to aerobic exercise: a randomized control design. <i>Nutrition and Metabolism</i> , <b>2007</b> , 4, 1	4.6	53

43	Cigarette smoking and electronic cigarette vaping patterns as a function of e-cigarette flavourings. <i>Tobacco Control</i> , <b>2016</b> , 25, ii67-ii72	5.3	48
42	Food Preference Patterns in a UK Twin Cohort. <i>Twin Research and Human Genetics</i> , <b>2015</b> , 18, 793-805	2.2	47
41	Genetic and Environmental Variation in Taste. <i>Topics in Clinical Nutrition</i> , <b>2003</b> , 18, 209-220	0.4	46
40	Bitter taste perception and severe vomiting in pregnancy. <i>Physiology and Behavior</i> , <b>2000</b> , 69, 259-67	3.5	44
39	Otitis media exposure associates with dietary preference and adiposity: a community-based observational study of at-risk preschoolers. <i>Physiology and Behavior</i> , <b>2012</b> , 106, 264-71	3.5	31
38	Characterizing and improving the sensory and hedonic responses to polyphenol-rich aronia berry juice. <i>Appetite</i> , <b>2016</b> , 107, 116-125	4.5	29
37	Sensitivity and Specificity of Self-Reported Olfactory Function in a Home-Based Study of Independent-Living, Healthy Older Women. <i>Chemosensory Perception</i> , <b>2014</b> , 7, 108-116	1.2	29
36	Genetic Vulnerability to Menthol Cigarette Preference in Women. <i>Nicotine and Tobacco Research</i> , <b>2015</b> , 17, 1416-20	4.9	26
35	Preschool-Adapted Liking Survey (PALS): A Brief and Valid Method To Assess Dietary Quality of Preschoolers. <i>Childhood Obesity</i> , <b>2015</b> , 11, 530-40	2.5	25
34	Taste phenotype associates with cardiovascular disease risk factors via diet quality in multivariate modeling. <i>Physiology and Behavior</i> , <b>2018</b> , 194, 103-112	3.5	24
33	Dietary behaviors of adults born prematurely may explain future risk for cardiovascular disease. <i>Appetite</i> , <b>2016</b> , 99, 157-167	4.5	20
32	Tube Feeding May Improve Adherence to Radiation Treatment Schedule in Head and Neck Cancer. <i>Topics in Clinical Nutrition</i> , <b>2004</b> , 19, 95-106	0.4	19
31	Do polymorphisms in the TAS1R1 gene contribute to broader differences in human taste intensity?. <i>Chemical Senses</i> , <b>2013</b> , 38, 719-28	4.8	18
30	E-cigarette palatability in smokers as a function of flavorings, nicotine content and propylthiouracil (PROP) taster phenotype. <i>Addictive Behaviors</i> , <b>2019</b> , 91, 37-44	4.2	18
29	Structural equation modeling of associations among taste-related risk factors, taste functioning, and adiposity. <i>Obesity</i> , <b>2017</b> , 25, 781-787	8	17
28	Heightened olfactory dysfunction and oral irritation among chronic smokers and heightened propylthiouracil (PROP) bitterness among menthol smokers. <i>Physiology and Behavior</i> , <b>2019</b> , 201, 111-122	3.5	16
27	Associations of olfactory dysfunction with anthropometric and cardiometabolic measures: Findings from the 2013-2014 national health and nutrition examination survey (NHANES). <i>Physiology and Behavior</i> , <b>2020</b> , 215, 112702	3.5	15
26	Associations between Weight Loss, Food Likes, Dietary Behaviors, and Chemosensory Function in Bariatric Surgery: A Case-Control Analysis in Women. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	14

25	Number of aberrant crypt foci associated with adiposity and IGF1 bioavailability. <i>Cancer Causes and Control</i> , <b>2009</b> , 20, 653-61	2.8	13
24	Evaluating Taste Preferences and Dietary Quality with a Simple Liking Survey: Application in Bariatric Treatment Settings. <i>Bariatric Surgical Patient Care</i> , <b>2019</b> , 14, 41-48	0.4	8
23	NIH Workshop Report: sensory nutrition and disease. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> ,	7	8
22	Interactions between retronasal olfaction and taste influence vegetable liking and consumption: A psychophysical investigation. <i>Journal of Agriculture and Food Research</i> , <b>2020</b> , 2, 100044	2.6	7
21	Food Liking-Based Diet Quality Indexes (DQI) Generated by Conceptual and Machine Learning Explained Variability in Cardiometabolic Risk Factors in Young Adults. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
20	Pediatric Adapted Liking Survey: A Novel, Feasible and Reliable Dietary Screening in Clinical Practice. <i>Caries Research</i> , <b>2019</b> , 53, 153-159	4.2	6
19	Pediatric-Adapted Liking Survey (PALS): A Diet and Activity Screener in Pediatric Care. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	5
18	Modeling Associations between Chemosensation, Liking for Fats and Sweets, Dietary Behaviors and Body Mass Index in Chronic Smokers. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	3
17	We Are What We Eat, but Why? Relationships between Oral Sensation, Genetics, Pathology, and Diet. <i>ACS Symposium Series</i> , <b>2008</b> , 258-284	0.4	3
16	New Psychophysical Insights in Evaluating Genetic Variation in Taste <b>2002</b> , 391-407		3
15	ADA positions: science-based consumer messages. Association Positions Committee. <i>Journal of the American Dietetic Association</i> , <b>1999</b> , 99, 231-3		3
14	International consensus statement on allergy and rhinology: Olfaction.. <i>International Forum of Allergy and Rhinology</i> , <b>2022</b> , 12, 327-680	6.3	3
13	Worksite Weight Loss Intervention for Employees in Stressful Workplaces: A Pilot Study and Baseline Survey Indicators of Success. <i>Journal of Obesity &amp; Weight Loss Therapy</i> , <b>2012</b> , 02,	0	2
12	A Feasibility and Pilot Study of a Personalized Nutrition Intervention in Mobile Food Pantry Users in Northeastern Connecticut. <i>Nutrients</i> , <b>2021</b> , 13, 2939	6.7	2
11	A Simple Liking Survey Captures Behaviors Associated with Weight Loss in a Worksite Program among Women at Risk of Type 2 Diabetes. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
10	Taste: Vertebrates Psychophysics ? <b>2017</b> ,		1
9	Oral Sensation: Genetic and Pathological Sources of Variation. <i>Perspectives on Swallowing and Swallowing Disorders (Dysphagia)</i> , <b>2003</b> , 12, 3-9		1
8	Causes of Smell, Taste, and Oral Somatosensory Disorders Affecting Eating and Drinking <b>2020</b> , 1281-1320		1

7	Biological Basis and Functional Assessment of Oral Sensation <b>2020</b> , 1-25		1
6	Causes of Smell, Taste, and Oral Somatosensory Disorders Affecting Eating and Drinking <b>2020</b> , 1-40		1
5	Associations between chronic cigarette smoking and taste function: Results from the 2013-2014 national health and nutrition examination survey. <i>Physiology and Behavior</i> , <b>2021</b> , 240, 113554	3.5	1
4	Online Behavioral Screener with Tailored Obesity Prevention Messages: Application to a Pediatric Clinical Setting. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
3	Biological Basis and Functional Assessment of Oral Sensation <b>2020</b> , 157-181		
2	Causes of Smell, Taste, and Oral Somatosensory Disorders Affecting Eating and Drinking <b>2020</b> , 1-40		
1	A food liking survey to assess n-3 PUFA status in healthy postmenopausal women. <i>FASEB Journal</i> , <b>2013</b> , 27, 616.1		0.9