

# Amy B Howell

## List of Publications by Year in descending order

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65  
papers

4,732  
citations

136950

32  
h-index

106344

65  
g-index

66  
all docs

66  
docs citations

66  
times ranked

3855  
citing authors

#	ARTICLE	IF	CITATIONS
1	A-type cranberry proanthocyanidins and uropathogenic bacterial anti-adhesion activity. <i>Phytochemistry</i> , 2005, 66, 2281-2291.	2.9	425
2	A-Type Proanthocyanidin Trimers from Cranberry that Inhibit Adherence of Uropathogenic P-Fimbriated <i>Escherichia coli</i> . <i>Journal of Natural Products</i> , 2000, 63, 1225-1228.	3.0	419
3	The structure of cranberry proanthocyanidins which inhibit adherence of uropathogenic P-fimbriated <i>Escherichia coli</i> in vitro. <i>Phytochemistry</i> , 2000, 54, 173-181.	2.9	389
4	Inhibition of the Adherence of P-Fimbriated <i>Escherichia coli</i> to Uroepithelial-Cell Surfaces by Proanthocyanidin Extracts from Cranberries. <i>New England Journal of Medicine</i> , 1998, 339, 1085-1086.	27.0	377
5	Multi-laboratory validation of a standard method for quantifying proanthocyanidins in cranberry powders. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1473-1478.	3.5	286
6	Cranberries and Their Bioactive Constituents in Human Health. <i>Advances in Nutrition</i> , 2013, 4, 618-632.	6.4	233
7	Bioactive compounds in cranberries and their role in prevention of urinary tract infections. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 732-737.	3.3	232
8	Dosage effect on uropathogenic <i>Escherichia coli</i> anti-adhesion activity in urine following consumption of cranberry powder standardized for proanthocyanidin content: a multicentric randomized double blind study. <i>BMC Infectious Diseases</i> , 2010, 10, 94.	2.9	202
9	Cranberry Proanthocyanidins and the Maintenance of Urinary Tract Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2002, 42, 273-278.	10.3	120
10	Inhibition of $\alpha$ -Amylase and Glucoamylase by Tannins Extracted from Cocoa, Pomegranates, Cranberries, and Grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1477-1486.	5.2	119
11	The Pomegranate: Effects on Bacteria and Viruses That Influence Human Health. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	112
12	Cranberry Juice and Adhesion of Antibiotic-Resistant Uropathogens. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 3082-3083.	7.4	100
13	Effective Separation of Potent Antiproliferation and Antiadhesion Components from Wild Blueberry ( <i>Vaccinium angustifolium</i> Ait.) Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6433-6442.	5.2	95
14	Antiviral effects of cranberry juice and cranberry proanthocyanidins on foodborne viral surrogates – A time dependence study in vitro. <i>Food Microbiology</i> , 2010, 27, 985-991.	4.2	95
15	The effect of cranberry juice and cranberry proanthocyanidins on the infectivity of human enteric viral surrogates. <i>Food Microbiology</i> , 2010, 27, 535-540.	4.2	91
16	Comparison of Isolated Cranberry ( <i>Vaccinium macrocarpon</i> Ait.) Proanthocyanidins to Catechin and Procyanidins A2 and B2 for Use as Standards in the 4-(Dimethylamino)cinnamaldehyde Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4578-4585.	5.2	80
17	Quantifying and characterizing proanthocyanidins in cranberries in relation to urinary tract health. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4385-4395.	3.7	78
18	Pomegranate juice sugar fraction reduces macrophage oxidative state, whereas white grape juice sugar fraction increases it. <i>Atherosclerosis</i> , 2006, 188, 68-76.	0.8	74

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19	Cranberry Juice and Adhesion of Antibiotic-Resistant Uropathogens. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 3082.	7.4	72
20	Anti- <i>Porphyromonas gingivalis</i> and Anti-Inflammatory Activities of A-Type Cranberry Proanthocyanidins. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1778-1784.	3.2	67
21	Efficient sorption of polyphenols to soybean flour enables natural fortification of foods. <i>Food Chemistry</i> , 2012, 131, 1193-1200.	8.2	65
22	Cranberry Proanthocyanidins Induce Apoptosis and Inhibit Acid-Induced Proliferation of Human Esophageal Adenocarcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 676-680.	5.2	58
23	Stable Binding of Alternative Protein-Enriched Food Matrices with Concentrated Cranberry Bioflavonoids for Functional Food Applications. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6856-6864.	5.2	58
24	Cranberry proanthocyanidins inhibit the adherence properties of <i>Candida albicans</i> and cytokine secretion by oral epithelial cells. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 6.	3.7	57
25	Comprehensive Assessment of the Quality of Commercial Cranberry Products. Phenolic Characterization and <i>in vitro</i> Bioactivity. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3396-3408.	5.2	53
26	Cranberry-derived proanthocyanidins prevent formation of <i>Candida albicans</i> biofilms in artificial urine through biofilm- and adherence-specific mechanisms. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 428-436.	3.0	52
27	Cranberry proanthocyanidins inhibit esophageal adenocarcinoma <i>in vitro</i> and <i>in vivo</i> through pleiotropic cell death induction and PI3K/AKT/mTOR inactivation. <i>Oncotarget</i> , 2015, 6, 33438-33455.	1.8	51
28	Oral Consumption of Cranberry Juice Cocktail Inhibits Molecular-Scale Adhesion of Clinical Uropathogenic <i>Escherichia coli</i> . <i>Journal of Medicinal Food</i> , 2011, 14, 739-745.	1.5	47
29	Consumption of Sweetened Dried Cranberries Versus Unsweetened Raisins for Inhibition of Uropathogenic <i>Escherichia coli</i> Adhesion in Human Urine: A Pilot Study. <i>Journal of Alternative and Complementary Medicine</i> , 2005, 11, 875-878.	2.1	43
30	Phenolics of <i>Vaccinium</i> berries and other fruit crops. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 68-76.	3.5	42
31	Cranberry Proanthocyanidins Mediate Growth Arrest of Lung Cancer Cells through Modulation of Gene Expression and Rapid Induction of Apoptosis. <i>Molecules</i> , 2011, 16, 2375-2390.	3.8	38
32	Expression, modulation, and clinical correlates of the autophagy protein Beclin-1 in esophageal adenocarcinoma. <i>Molecular Carcinogenesis</i> , 2016, 55, 1876-1885.	2.7	37
33	<i>Cronobacter sakazakii</i> reduction by blueberry proanthocyanidins. <i>Food Microbiology</i> , 2014, 39, 127-131.	4.2	34
34	Reduction of Enteric Viruses by Blueberry Juice and Blueberry Proanthocyanidins. <i>Food and Environmental Virology</i> , 2016, 8, 235-243.	3.4	34
35	Antibacterial Effects of Plant-Derived Extracts on Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Foodborne Pathogens and Disease</i> , 2012, 9, 573-578.	1.8	33
36	A randomized, double-blind, placebo-controlled pilot study to assess bacterial anti-adhesive activity in human urine following consumption of a cranberry supplement. <i>Food and Function</i> , 2019, 10, 7645-7652.	4.6	32

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37	A-Type Cranberry Proanthocyanidins Inhibit the RANKL-Dependent Differentiation and Function of Human Osteoclasts. <i>Molecules</i> , 2011, 16, 2365-2374.	3.8	31
38	Whole Blueberry and Isolated Polyphenol-Rich Fractions Modulate Specific Gut Microbes in an In Vitro Colon Model and in a Pilot Study in Human Consumers. <i>Nutrients</i> , 2020, 12, 2800.	4.1	30
39	Cranberry proanthocyanidins modulate reactive oxygen species in Barrett's and esophageal adenocarcinoma cell lines. <i>Journal of Berry Research</i> , 2016, 6, 125-136.	1.4	24
40	Blueberry proanthocyanidins against human norovirus surrogates in model foods and under simulated gastric conditions. <i>Food Microbiology</i> , 2017, 63, 263-267.	4.2	24
41	MicroRNA alterations in Barrett's esophagus, esophageal adenocarcinoma, and esophageal adenocarcinoma cell lines following cranberry extract treatment: Insights for chemoprevention. <i>Journal of Carcinogenesis</i> , 2011, 10, 34.	2.5	24
42	Selected bioactivities of Vaccinium berries and other fruit crops in relation to their phenolic contents. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 2279-2285.	3.5	19
43	A randomized, double-blind, placebo-controlled trial to assess the bacterial anti-adhesion effects of cranberry extract beverages. <i>Food and Function</i> , 2015, 6, 1212-1217.	4.6	18
44	Antiviral effects of blueberry proanthocyanidins against Aichi virus. <i>Food Microbiology</i> , 2019, 82, 202-208.	4.2	16
45	Cranberry Proanthocyanidins Neutralize the Effects of Aggregatibacter actinomycetemcomitans Leukotoxin. <i>Toxins</i> , 2019, 11, 662.	3.4	16
46	Anthelmintic efficacy of cranberry vine extracts on ovine Haemonchus contortus. <i>Veterinary Parasitology</i> , 2018, 253, 122-129.	1.8	12
47	Comparison of the Anti-Adhesion Activity of Three Different Cranberry Extracts on Uropathogenic P-fimbriated Escherichia coli: A Randomized, Double-blind, Placebo Controlled, Ex Vivo, Acute Study. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	10
48	Clinical evidence supporting cranberry as a complementary approach to Helicobacter pylori management. <i>Food Frontiers</i> , 2020, 1, 329-331.	7.4	10
49	Comparison of the Anti-Adhesion Activity of Three Different Cranberry Extracts on Uropathogenic P-fimbriated Escherichia coli: a Randomized, Double-blind, Placebo Controlled, Ex Vivo, Acute Study. <i>Natural Product Communications</i> , 2015, 10, 1215-8.	0.5	9
50	High vitamin E and selenium elevate, whereas diphenyl-para-phenylenediamine plus caffeine lowers liver fat in alcohol-fed rats. <i>Nutrition Research</i> , 2005, 25, 701-709.	2.9	7
51	Inhibition of Flavobacterium psychrophilum adhesion in vitro. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv203.	1.8	7
52	Highbush blueberry proanthocyanidins alleviate Porphyromonas gingivalis-induced deleterious effects on oral mucosal cells. <i>Anaerobe</i> , 2020, 65, 102266.	2.1	7
53	Structure and Genetic Variation of Cranberry Proanthocyanidins That Inhibit Adherence of Uropathogenic P-Fimbriated E. coli. <i>ACS Symposium Series</i> , 2003, , 298-311.	0.5	6
54	Updated systematic review suggests that cranberry juice is not effective at preventing urinary tract infection. <i>Evidence-based Nursing</i> , 2013, 16, 113-114.	0.2	6

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55	Variability of commercial cranberry dietary supplements for the prevention of uropathogenic bacterial adhesion. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 122-123.	1.3	6
56	Efficacy of Cranberry in Preventing Recurrent Urinary Tract Infections: Have We Learned Anything New?. <i>Urology</i> , 2017, 103, 2-3.	1.0	6
57	Potential of cranberry for suppressing <i>Helicobacter pylori</i> , a risk factor for gastric cancer. <i>Journal of Berry Research</i> , 2020, 10, 11-20.	1.4	6
58	Differences in Urinary Bacterial Anti-Adhesion Activity after Intake of Cranberry Dietary Supplements with Soluble versus Insoluble Proanthocyanidins. <i>Journal of Dietary Supplements</i> , 2022, 19, 621-639.	2.6	6
59	Cranberry Polyphenols in Esophageal Cancer Inhibition: New Insights. <i>Nutrients</i> , 2022, 14, 969.	4.1	6
60	Cranberry. , 2011, , 41-63.		5
61	Cranberry capsule ingestion and bacterial anti-adhesion activity of urine. <i>FASEB Journal</i> , 2006, 20, LB100.	0.5	4
62	Re: Cranberry capsules to prevent nosocomial urinary tract bacteriuria after pelvic surgery: a randomised controlled trial: Cranberry for prevention of bacteriuria?. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 1907-1907.	2.3	3
63	Cranberry-derived proanthocyanidins induce a differential transcriptomic response within <i>Candida albicans</i> urinary biofilms. <i>PLoS ONE</i> , 2018, 13, e0201969.	2.5	3
64	Proanthocyanidins mitigate bile acid-induced changes in GSTT2 levels in a panel of racially diverse patient-derived primary esophageal cell cultures. <i>Molecular Carcinogenesis</i> , 2022, 61, 281-287.	2.7	3
65	American Cranberry ( <i>Vaccinium macrocarpon</i> Ait.) and the Maintenance of Urinary Tract Health. <i>Medicinal and Aromatic Plants of the World</i> , 2020, , 81-117.	0.2	2