Emily Ho

List of Publications by Year
in descending order

109 papers	7,405 citations	50170 46 h-index	54797 84 g-index
113 all docs	113 docs citations	113 times ranked	8219 citing authors

#	Article	IF	Citations
1	Impact of zinc on DNA integrity and age-related inflammation. Free Radical Biology and Medicine, 2022, 178, 391-397.	1.3	16
2	Randomized Crossover Trial Evaluating Detoxification of Tobacco Carcinogens by Broccoli Seed and Sprout Extract in Current Smokers. Cancers, 2022, 14, 2129.	1.7	3
3	Perspective: Role of Micronutrients and Omega-3 Long-Chain Polyunsaturated Fatty Acids for Immune Outcomes of Relevance to Infections in Older Adultsâ€"A Narrative Review and Call for Action. Advances in Nutrition, 2022, 13, 1415-1430.	2.9	9
4	3,3â€²-Diindolylmethane Exhibits Significant Metabolism after Oral Dosing in Humans. Drug Metabolism and Disposition, 2021, 49, 694-705.	1.7	15
5	Exercise training as a modulator of epigenetic events in prostate tumors. Prostate Cancer and Prostatic Diseases, 2021, , .	2.0	2
6	Composition of the Gut Microbiome Influences Production of Sulforaphane-Nitrile and Iberin-Nitrile from Glucosinolates in Broccoli Sprouts. Nutrients, 2021, 13, 3013.	1.7	12
7	Metabolic Fate of Dietary Glucosinolates and Their Metabolites: A Role for the Microbiome. Frontiers in Nutrition, 2021, 8, 748433.	1.6	12
8	Effects of zinc status on age-related T cell dysfunction and chronic inflammation. BioMetals, 2021, 34, 291-301.	1.8	25
9	Sulforaphane Bioavailability and Chemopreventive Activity in Men Presenting for Biopsy of the Prostate Gland: A Randomized Controlled Trial. Nutrition and Cancer, 2020, 72, 74-87.	0.9	41
10	Prospective evaluation of the lymph node proteome in dogs with multicentric lymphoma supplemented with sulforaphane. Journal of Veterinary Internal Medicine, 2020, 34, 2036-2047.	0.6	3
11	Zinc deficiency alters the susceptibility of pancreatic beta cells (INS-1) to arsenic exposure. BioMetals, 2019, 32, 845-859.	1.8	9
12	Zinc Deficiency and Arsenic Exposure Can Act Both Independently or Cooperatively to Affect Zinc Status, Oxidative Stress, and Inflammatory Response. Biological Trace Element Research, 2019, 191, 370-381.	1.9	28
13	Acetylation of CCAR2 Establishes a BET/BRD9 Acetyl Switch in Response to Combined Deacetylase and Bromodomain Inhibition. Cancer Research, 2019, 79, 918-927.	0.4	28
14	Untargeted Metabolomic Screen Reveals Changes in Human Plasma Metabolite Profiles Following Consumption of Fresh Broccoli Sprouts. Molecular Nutrition and Food Research, 2018, 62, e1700665.	1.5	26
15	Metal exposure and oxidative stress markers in pregnant Navajo Birth Cohort Study participants. Free Radical Biology and Medicine, 2018, 124, 484-492.	1.3	42
16	Marginal Zinc Deficiency and Environmentally Relevant Concentrations of Arsenic Elicit Combined Effects on the Gut Microbiome. MSphere, 2018, 3, .	1.3	34
17	Isothiocyanates for Human Health. Molecular Nutrition and Food Research, 2018, 62, e1870079.	1.5	13
18	Sulforaphane absorption and histone deacetylase activity following single dosing of broccoli sprout supplement in normal dogs. Veterinary Medicine and Science, 2018, 4, 357-363.	0.6	12

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19	Broccoli Sprouts Delay Prostate Cancer Formation and Decrease Prostate Cancer Severity with a Concurrent Decrease in HDAC3 Protein Expression in Transgenic Adenocarcinoma of the Mouse Prostate (TRAMP) Mice. Current Developments in Nutrition, 2018, 2, nzy002.	0.1	32
20	Long noncoding RNAs and sulforaphane: a target for chemoprevention and suppression of prostate cancer. Journal of Nutritional Biochemistry, 2017, 42, 72-83.	1.9	81
21	Effects of ibuprofen on cognition and NMDA receptor subunit expression across aging. Neuroscience, 2017, 344, 276-292.	1.1	18
22	Adverse effects of parental zinc deficiency on metal homeostasis and embryonic development in a zebrafish model. Journal of Nutritional Biochemistry, 2017, 43, 78-87.	1.9	27
23	The phytochemical 3,3â€²-diindolylmethane decreases expression of AR-controlled DNA damage repair genes through repressive chromatin modifications and is associated with DNA damage in prostate cancer cells. Journal of Nutritional Biochemistry, 2017, 47, 113-119.	1.9	16
24	A functional pseudogene, <i>NMRAL2P</i>, is regulated by Nrf2 and serves as a coactivator of <i>NQO1</i> in sulforaphaneâ€treated colon cancer cells. Molecular Nutrition and Food Research, 2017, 61, 1600769.	1.5	29
25	Combinatorial effects of zinc deficiency and arsenic exposure on zebrafish (Danio rerio) development. PLoS ONE, 2017, 12, e0183831.	1.1	31
26	Associations between cruciferous vegetable intake and selected biomarkers among women scheduled for breast biopsies. Public Health Nutrition, 2016, 19, 1288-1295.	1.1	27
27	Reciprocal regulation of BMF and BIRC5 (Survivin) linked to Eomes overexpression in colorectal cancer. Cancer Letters, 2016, 381, 341-348.	3.2	22
28	Chemopreventive properties of 3,3â€²-diindolylmethane in breast cancer: evidence from experimental and human studies. Nutrition Reviews, 2016, 74, 432-443.	2.6	83
29	HDAC6 activity is not required for basal autophagic flux in metastatic prostate cancer cells. Experimental Biology and Medicine, 2016, 241, 1177-1185.	1.1	8
30	Sulforaphane modulates telomerase activity via epigenetic regulation in prostate cancer cell lines. Biochemistry and Cell Biology, 2016, 94, 71-81.	0.9	34
31	Aging and serum MCP-1 are associated with gut microbiome composition in a murine model. PeerJ, 2016, 4, e1854.	0.9	89
32	Plasma Metabolite Profiles in Ethiopian Women following Zinc Supplementation. FASEB Journal, 2016, 30, .	0.2	0
33	Assessment of global proteome in LNCaP cells by 2D-RP/RP LCâ€“MS/MS following sulforaphane exposure. EuPA Open Proteomics, 2015, 9, 34-40.	2.5	2
34	Analysis of autophagic flux in response to sulforaphane in metastatic prostate cancer cells. Molecular Nutrition and Food Research, 2015, 59, 1954-1961.	1.5	16
35	Sulforaphane Bioavailability and Chemopreventive Activity in Women Scheduled for Breast Biopsy. Cancer Prevention Research, 2015, 8, 1184-1191.	0.7	83
36	Zinc supplementation reduced DNA breaks in Ethiopian women. Nutrition Research, 2015, 35, 49-55.	1.3	24

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37	Zinc deficiency enhanced inflammatory response by increasing immune cell activation and inducing IL6 promoter demethylation. Molecular Nutrition and Food Research, 2015, 59, 991-999.	1.5	146
38	Zinc. Advances in Nutrition, 2015, 6, 224-226.	2.9	14
39	Epigenetic Regulation by Sulforaphane: Opportunities for Breast and Prostate Cancer Chemoprevention. Current Pharmacology Reports, 2015, 1, 102-111.	1.5	50
40	Nrf2 status affects tumor growth, HDAC3 gene promoter associations, and the response to sulforaphane in the colon. Clinical Epigenetics, 2015, 7, 102.	1.8	54
41	Absorption and chemopreventive targets of sulforaphane in humans following consumption of broccoli sprouts or a myrosinase-treated broccoli sprout extract. Molecular Nutrition and Food Research, 2015, 59, 424-433.	1.5	104
42	Histone and Non-Histone Targets of Dietary Deacetylase Inhibitors. Current Topics in Medicinal Chemistry, 2015, 16, 714-731.	1.0	53
43	Plasma Metabolomic Profiles in Healthy Adults following Consumption of Broccoli Sprouts. FASEB Journal, 2015, 29, 275.1.	0.2	0
44	Effects of Sulforaphane and 3,3â€²-Diindolylmethane on Genome-Wide Promoter Methylation in Normal Prostate Epithelial Cells and Prostate Cancer Cells. PLoS ONE, 2014, 9, e86787.	1.1	91
45	Transcriptome analysis reveals a dynamic and differential transcriptional response to sulforaphane in normal and prostate cancer cells and suggests a role for Sp1 in chemoprevention. Molecular Nutrition and Food Research, 2014, 58, 2001-2013.	1.5	26
46	Sulforaphane alters the expression of long intragenic nonâ€coding RNAs that are dysregulated in prostate cancer cells (644.10). FASEB Journal, 2014, 28, 644.10.	0.2	0
47	Bioavailability and metabolomic targets of sulforaphane in humans (1036.2). FASEB Journal, 2014, 28, 1036.2.	0.2	0
48	Phytochemicals from Cruciferous Vegetables, Epigenetics, and Prostate Cancer Prevention. AAPS Journal, 2013, 15, 951-961.	2.2	59
49	Dietary zinc depletion and repletion affects plasma proteins: an analysis of the plasma proteome. BioMetals, 2013, 26, 133-140.	1.8	7
50	Differential modulation of dibenzo[def,p]chrysene transplacental carcinogenesis: Maternal diets rich in indole-3-carbinol versus sulforaphane. Toxicology and Applied Pharmacology, 2013, 270, 60-69.	1.3	21
51	Increased inflammatory response in aged mice is associated with age-related zinc deficiency and zinc transporter dysregulation. Journal of Nutritional Biochemistry, 2013, 24, 353-359.	1.9	88
52	Regulation of hepatic suppressor of cytokine signaling 3 by zinc. Journal of Nutritional Biochemistry, 2013, 24, 1028-1033.	1.9	3
53	HDAC turnover, CtIP acetylation and dysregulated DNA damage signaling in colon cancer cells treated with sulforaphane and related dietary isothiocyanates. Epigenetics, 2013, 8, 612-623.	1.3	103
54	Sulforaphane bioavailability and bioactivity in humans. FASEB Journal, 2013, 27, 636.26.	0.2	0

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55	Genomeâ€wide transcriptome analysis of the effects of sulforphane on normal and prostate cancer cells. FASEB Journal, 2013, 27, 248.2.	0.2	0
56	Zinc transporter expression in zebrafish (Danio rerio) during development. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 26-32.	1.3	23
57	3,3â€²-Diindolylmethane, but not indole-3-carbinol, inhibits histone deacetylase activity in prostate cancer cells. Toxicology and Applied Pharmacology, 2012, 263, 345-351.	1.3	73
58	Zinc and its role in ageâ€related inflammation and immune dysfunction. Molecular Nutrition and Food Research, 2012, 56, 77-87.	1.5	85
59	MicroRNAs, diet, and cancer: New mechanistic insights on the epigenetic actions of phytochemicals. Molecular Carcinogenesis, 2012, 51, 213-230.	1.3	101
60	Chemoprevention of Prostate Cancer with Cruciferous Vegetables: Role of Epigenetics. , 2012, , 49-81.		2
61	Metabolism of Sulforaphane in Humans: Supplements vs. Whole Foods. FASEB Journal, 2012, 26, 646.10.	0.2	1
62	Chemopreventative phytochemical 3,3â€²â€diindolylmethane inhibits histone deacetylases in prostate cancer cells. FASEB Journal, 2012, 26, 366.6.	0.2	0
63	An RNAâ€seq approach to identify mechanisms by which the phytochemical sulforaphane acts to prevent prostate cancer. FASEB Journal, 2012, 26, 647.10.	0.2	0
64	Metabolism as a key to histone deacetylase inhibition. Critical Reviews in Biochemistry and Molecular Biology, 2011, 46, 181-199.	2.3	68
65	Bioavailability and inter-conversion of sulforaphane and erucin in human subjects consuming broccoli sprouts or broccoli supplement in a cross-over study design. Pharmacological Research, 2011, 64, 456-463.	3.1	159
66	Comparison of Isothiocyanate Metabolite Levels and Histone Deacetylase Activity in Human Subjects Consuming Broccoli Sprouts or Broccoli Supplement. Journal of Agricultural and Food Chemistry, 2011, 59, 10955-10963.	2.4	66
67	Metabolism and Tissue Distribution of Sulforaphane in Nrf2 Knockout and Wild-Type Mice. Pharmaceutical Research, 2011, 28, 3171-3179.	1.7	130
68	Histone deacetylase turnover and recovery in sulforaphane-treated colon cancer cells: competing actions of 14-3-3 and Pin1 in HDAC3/SMRT corepressor complex dissociation/reassembly. Molecular Cancer, 2011, 10, 68.	7.9	113
69	Promoter de-methylation of cyclin D2 by sulforaphane in prostate cancer cells. Clinical Epigenetics, 2011, 3, 3.	1.8	120
70	Dietary phytochemicals, HDAC inhibition, and DNA damage/repair defects in cancer cells. Clinical Epigenetics, 2011, 3, 4.	1.8	177
71	Differential effects of sulforaphane on histone deacetylases, cell cycle arrest and apoptosis in normal prostate cells versus hyperplastic and cancerous prostate cells. Molecular Nutrition and Food Research, 2011, 55, 999-1009.	1.5	149
72	Dietary soy and tea mitigate chronic inflammation and prostate cancer via NFÎºB pathway in the Noble rat model. Journal of Nutritional Biochemistry, 2011, 22, 502-510.	1.9	60

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73	Reliability and Validity of Food Frequency Questionnaire and Nutrient Biomarkers in Elders With and Without Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2011, 25, 49-57.	0.6	43
74	Dietary Factors and Epigenetic Regulation for Prostate Cancer Prevention. Advances in Nutrition, 2011, 2, 497-510.	2.9	102
75	Zinc transporter expression profiles in the rat prostate following alterations in dietary zinc. BioMetals, 2010, 23, 51-58.	1.8	20
76	Marginal zinc deficiency increases oxidative DNA damage in the prostate after chronic exercise. Free Radical Biology and Medicine, 2010, 48, 82-88.	1.3	41
77	Phytase supplementation increases bone mineral density, lean body mass and voluntary physical activity in rats fed a low-zinc dietâ˜†. Journal of Nutritional Biochemistry, 2010, 21, 653-658.	1.9	11
78	Dietary Manipulation of Histone Structure and Function. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 231-238.	1.8	11
79	Dietary Manipulation of Histone Structure and Function. World Review of Nutrition and Dietetics, 2010, 101, 95-102.	0.1	22
80	Differential effects of sulforaphane on histone deacetylases, cell cycle arrest and apoptosis in normal and prostate cancer cells. FASEB Journal, 2010, 24, 107.5.	0.2	0
81	Dietary zinc restriction and repletion affects DNA integrity in healthy men. American Journal of Clinical Nutrition, 2009, 90, 321-328.	2.2	70
82	Zinc Supplementation Increases Zinc Status and Thymopoiesis in Aged Mice ,. Journal of Nutrition, 2009, 139, 1393-1397.	1.3	42
83	Zinc Deficiency Affects DNA Damage, Oxidative Stress, Antioxidant Defenses, and DNA Repair in Rats. Journal of Nutrition, 2009, 139, 1626-1631.	1.3	181
84	Dietary Sulforaphane, a Histone Deacetylase Inhibitor for Cancer Prevention. Journal of Nutrition, 2009, 139, 2393-2396.	1.3	197
85	Overview to Symposium â€œNutrients and Epigenetic Regulation of Gene Expressionâ€•,. Journal of Nutrition, 2009, 139, 2387-2388.	1.3	16
86	Modulation of histone deacetylase activity by dietary isothiocyanates and allyl sulfides: Studies with sulforaphane and garlic organosulfur compounds. Environmental and Molecular Mutagenesis, 2009, 50, 213-221.	0.9	180
87	Induction of proinflammatory response in prostate cancer epithelial cells by activated macrophages. Cancer Letters, 2009, 276, 38-46.	3.2	53
88	Zinc and prostatic cancer. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 640-645.	1.3	57
89	Modulation of cell growth and apoptosis response in human prostate cancer cells supplemented with tocotrienols. European Journal of Lipid Science and Technology, 2008, 110, 23-31.	1.0	8
90	Dietary agents as histone deacetylase inhibitors: sulforaphane and structurally related isothiocyanates. Nutrition Reviews, 2008, 66, S36-S38.	2.6	65

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91	Multi-targeted prevention of cancer by sulforaphane. Cancer Letters, 2008, 269, 291-304.	3.2	457
92	Zinc Deficiency Alters DNA Damage Response Genes in Normal Human Prostate Epithelial Cells3. Journal of Nutrition, 2008, 138, 667-673.	1.3	79
93	Protective effects of green tea in suppressing autoimmune response in Type 1 Diabetes. FASEB Journal, 2008, 22, 298.1.	0.2	0
94	Xanthohumol, a prenylflavonoid derived from hops induces apoptosis and inhibits NF-kappaB activation in prostate epithelial cells. Cancer Letters, 2007, 246, 201-209.	3.2	167
95	Dietary histone deacetylase inhibitors: From cells to mice to man. Seminars in Cancer Biology, 2007, 17, 363-369.	4.3	260
96	Dietary zinc restriction in rats alters antioxidant status and increases plasma F2 isoprostanes. Journal of Nutritional Biochemistry, 2007, 18, 509-518.	1.9	39
97	Sulforaphane retards the growth of human PC-3 xenografts and inhibits HDAC activity in human subjects. Experimental Biology and Medicine, 2007, 232, 227-34.	1.1	183
98	Dietary HDAC inhibitors: time to rethink weak ligands in cancer chemoprevention?. Carcinogenesis, 2006, 27, 344-349.	1.3	179
99	Dietary agents as histone deacetylase inhibitors. Molecular Carcinogenesis, 2006, 45, 443-446.	1.3	90
100	Sulforaphane inhibits histone deacetylase activity in BPH-1, LnCaP and PC-3 prostate epithelial cells. Carcinogenesis, 2006, 27, 811-819.	1.3	275
101	Sulforaphane inhibits histone deacetylase in vivo and suppresses tumorigenesis in Apc min mice. FASEB Journal, 2006, 20, 506-508.	0.2	327
102	Sulforaphane inhibits HDAC activity in prostate cancer cells, retards growth of PC3 xenografts, and inhibits HDAC activity in vivo. FASEB Journal, 2006, 20, A150.	0.2	2
103	The effect of zinc status on DNA damage response in prostate epithelial cells. FASEB Journal, 2006, 20, A625.	0.2	0
104	30Zn The Role of Zinc As a Metallotherapeutic Agent. , 2005, , 237-257.		4
105	Zinc deficiency, DNA damage and cancer risk. Journal of Nutritional Biochemistry, 2004, 15, 572-578.	1.9	418
106	Zinc Deficiency Induces Oxidative DNA Damage and Increases P53 Expression in Human Lung Fibroblasts. Journal of Nutrition, 2003, 133, 2543-2548.	1.3	210
107	Low intracellular zinc induces oxidative DNA damage, disrupts p53, NFÂB, and AP1 DNA binding, and affects DNA repair in a rat glioma cell line. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16770-16775.	3.3	359
108	Dietary Zinc Supplementation Inhibits NFÎºB Activation and Protects Against Chemically Induced Diabetes in CD1 Mice. Experimental Biology and Medicine, 2001, 226, 103-111.	1.1	112

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109	Broccoli sprouts delay prostate cancer formation and decrease prostate cancer severity with a concurrent decrease in HDAC3 protein expression in TRAMP mice.. Current Developments in Nutrition, 0, , cdn.117.002378.	0.1	1