

Rachel Hurst

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,903
citations

14
h-index

22
g-index

22
ext. papers

2,214
ext. citations

7.1
avg, IF

3.89
L-index

#	Paper	IF	Citations
20	Selenium in human health and disease. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 1337-83	8.4	780
19	Analysis of the genetic phylogeny of multifocal prostate cancer identifies multiple independent clonal expansions in neoplastic and morphologically normal prostate tissue. <i>Nature Genetics</i> , 2015 , 47, 367-372	36.3	292
18	Selenium biofortification of high-yielding winter wheat (<i>Triticum aestivum</i> L.) by liquid or granular Se fertilisation. <i>Plant and Soil</i> , 2010 , 332, 5-18	4.2	191
17	Establishing optimal selenium status: results of a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 923-31	7	187
16	Selenium and prostate cancer: systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 111-22	7	118
15	Soil-type influences human selenium status and underlies widespread selenium deficiency risks in Malawi. <i>Scientific Reports</i> , 2013 , 3, 1425	4.9	85
14	EURRECA-Estimating selenium requirements for deriving dietary reference values. <i>Critical Reviews in Food Science and Nutrition</i> , 2013 , 53, 1077-96	11.5	71
13	A high prevalence of zinc- but not iron-deficiency among women in rural Malawi: a cross-sectional study. <i>International Journal for Vitamin and Nutrition Research</i> , 2013 , 83, 176-87	1.7	32
12	Effects of selenium supplementation on selenoprotein gene expression and response to influenza vaccine challenge: a randomised controlled trial. <i>PLoS ONE</i> , 2011 , 6, e14771	3.7	28
11	Se-methylselenocysteine alters collagen gene and protein expression in human prostate cells. <i>Cancer Letters</i> , 2008 , 269, 117-26	9.9	24
10	Mutation detection in formalin-fixed prostate cancer biopsies taken at the time of diagnosis using next-generation DNA sequencing. <i>Journal of Clinical Pathology</i> , 2015 , 68, 212-7	3.9	18
9	A urine-based DNA methylation assay, ProCUrE, to identify clinically significant prostate cancer. <i>Clinical Epigenetics</i> , 2018 , 10, 147	7.7	18
8	A Four-Group Urine Risk Classifier for Predicting Outcome in Prostate Cancer Patients. <i>BJU International</i> , 2019 , 124, 609	5.6	17
7	epiCaPturE: A Urine DNA Methylation Test for Early Detection of Aggressive Prostate Cancer. <i>JCO Precision Oncology</i> , 2019 , 2019,	3.6	17
6	Development of a multivariable risk model integrating urinary cell DNA methylation and cell-free RNA data for the detection of significant prostate cancer. <i>Prostate</i> , 2020 , 80, 547-558	4.2	8
5	The contribution of diet and genotype to iron status in women: a classical twin study. <i>PLoS ONE</i> , 2013 , 8, e83047	3.7	7
4	SEPATH: benchmarking the search for pathogens in human tissue whole genome sequence data leads to template pipelines. <i>Genome Biology</i> , 2019 , 20, 208	18.3	4

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| 3 | Methodology for the at-home collection of urine samples for prostate cancer detection. <i>BioTechniques</i> , 2020 , 68, 65-71 | 2.5 | 4 |
| 2 | Plasma selenium concentration and prostate cancer risk: effects are dependent on the level of exposure. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 927-8 | 7 | |
| 1 | Selenium supplementation modulates collagen type I alpha 1 gene expression in cultured prostate cells. <i>FASEB Journal</i> , 2007 , 21, A718 | 0.9 | |