Martin White

List of Publications by Year
in descending order

118 papers	7,605 citations	147566 31 h-index	66788 78 g-index
122 all docs	122 docs citations	122 times ranked	8806 citing authors

#	Article	IF	Citations
1	A new framework for developing and evaluating complex interventions: update of Medical Research Council guidance. BMJ, The, 2021, 374, n2061.	3.0	1,567
2	The need for a complex systems model of evidence for public health. Lancet, The, 2017, 390, 2602-2604.	6.3	719
3	Physical distancing interventions and incidence of coronavirus disease 2019: natural experiment in 149 countries. BMJ, The, 2020, 370, m2743.	3.0	427
4	Internet of Things, Blockchain and Shared Economy Applications. Procedia Computer Science, 2016, 98, 461-466.	1.2	423
5	A systematic review on the clustering and co-occurrence of multiple risk behaviours. BMC Public Health, 2016, 16, 657.	1.2	377
6	Searching and synthesising â€˜grey literatureâ€™ and â€˜grey informationâ€™ in public health: critical reflections on three case studies. Systematic Reviews, 2016, 5, 164.	2.5	286
7	Excess deaths associated with covid-19 pandemic in 2020: age and sex disaggregated time series analysis in 29 high income countries. BMJ, The, 2021, 373, n1137.	3.0	281
8	Why Are Some Population Interventions for Diet and Obesity More Equitable and Effective Than Others? The Role of Individual Agency. PLoS Medicine, 2016, 13, e1001990.	3.9	264
9	Building Virtual and Augmented Reality museum exhibitions. , 2004, , .		246
10	Exploring the relationship between presence and enjoyment in a virtual museum. International Journal of Human Computer Studies, 2010, 68, 243-253.	3.7	198
11	Health and social determinants and outcomes of home cooking: A systematic review of observational studies. Appetite, 2017, 111, 116-134.	1.8	193
12	Framework for the development and evaluation of complex interventions: gap analysis, workshop and consultation-informed update. Health Technology Assessment, 2021, 25, 1-132.	1.3	184
13	The state of the art and future opportunities for using longitudinal n-of-1 methods in health behaviour research: a systematic literature overview. Health Psychology Review, 2017, 11, 307-323.	4.4	158
14	Frequency and socio-demographic correlates of eating meals out and take-away meals at home: cross-sectional analysis of the UK national diet and nutrition survey, waves 1â€"4 (2008â€"12). International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 51.	2.0	146
15	Global benchmarking of children's exposure to television advertising of unhealthy foods and beverages across 22 countries. Obesity Reviews, 2019, 20, 116-128.	3.1	144
16	Changes in diet through adolescence and early adulthood: longitudinal trajectories and association with key life transitions. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 86.	2.0	126
17	Effects of covid-19 pandemic on life expectancy and premature mortality in 2020: time series analysis in 37 countries. BMJ, The, 2021, 375, e066768.	3.0	117
18	Using natural experimental studies to guide public health action: turning the evidence-based medicine paradigm on its head. Journal of Epidemiology and Community Health, 2020, 74, 203-208.	2.0	111

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19	Multiple Risk Behavior Interventions: Meta-analyses of RCTs. American Journal of Preventive Medicine, 2017, 53, e19-e30.	1.6	84
20	Is Obesity Policy in England Fit for Purpose? Analysis of Government Strategies and Policies, 1992–2020. Milbank Quarterly, 2021, 99, 126-170.	2.1	73
21	Characteristics of Interventions Targeting Multiple Lifestyle Risk Behaviours in Adult Populations: A Systematic Scoping Review. PLoS ONE, 2015, 10, e0117015.	1.1	64
22	Prevalence and socio-demographic correlates of cooking skills in UK adults: cross-sectional analysis of data from the UK National Diet and Nutrition Survey. International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 99.	2.0	63
23	Socialism and the Blockchain. Future Internet, 2016, 8, 49.	2.4	62
24	New methods for examining expertise in burglars in natural and simulated environments: preliminary findings. Psychology, Crime and Law, 2015, 21, 507-513.	0.8	59
25	Fake News: A Technological Approach to Proving the Origins of Content, Using Blockchains. Big Data, 2017, 5, 356-371.	2.1	48
26	Supermarket policies on less-healthy food at checkouts: Natural experimental evaluation using interrupted time series analyses of purchases. PLoS Medicine, 2018, 15, e1002712.	3.9	47
27	Increasing healthy life expectancy equitably in England by 5 years by 2035: could it be achieved?. Lancet, The, 2019, 393, 2571-2573.	6.3	43
28	Evaluation of a complex healthcare intervention to increase smoking cessation in pregnant women: interrupted time series analysis with economic evaluation. Tobacco Control, 2018, 27, 90-98.	1.8	41
29	What role should the commercial food system play in promoting health through better diet?. BMJ, The, 2020, 368, m545.	3.0	41
30	Metadata requirements for digital museum environments. International Journal on Digital Libraries, 2005, 5, 179-192.	1.1	40
31	N-of-1 study of weight loss maintenance assessing predictors of physical activity, adherence to weight loss plan and weight change. Psychology and Health, 2017, 32, 686-708.	1.2	39
32	Usability Evaluation of a Virtual Museum Interface. Informatica, 2006, 17, 363-380.	1.5	37
33	Prevalence and socio-demographic correlates of time spent cooking by adults in the 2005 UK Time Use Survey. Cross-sectional analysis. Appetite, 2015, 92, 185-191.	1.8	36
34	Support for, and perceived effectiveness of, the UK soft drinks industry levy among UK adults: cross-sectional analysis of the International Food Policy Study. BMJ Open, 2019, 9, e026698.	0.8	36
35	MIP-map level selection for texture mapping. IEEE Transactions on Visualization and Computer Graphics, 1998, 4, 317-329.	2.9	30
36	What are older smokers' attitudes to quitting and how are they managed in primary care? An analysis of the cross-sectional English Smoking Toolkit Study. BMJ Open, 2017, 7, e018150.	0.8	30

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37	Mobilizing Resources for Well-being: Implications for Developing Interventions in the Retirement Transition. Gerontologist, The, 2016, 56, 615-629.	2.3	29
38	What principles should guide interactions between population health researchers and the food industry? Systematic scoping review of peer‐reviewed and grey literature. Obesity Reviews, 2019, 20, 1073-1084.	3.1	28
39	Population Approaches to Prevention of Type 2 Diabetes. PLoS Medicine, 2016, 13, e1002080.	3.9	27
40	The NULevel trial of a scalable, technology-assisted weight loss maintenance intervention for obese adults after clinically significant weight loss: study protocol for a randomised controlled trial. Trials, 2015, 16, 421.	0.7	26
41	Diet quality and depressive symptoms in adolescence: no cross-sectional or prospective associations following adjustment for covariates. Public Health Nutrition, 2018, 21, 2376-2384.	1.1	25
42	What is the evidence that differences in 'control over destiny' lead to socioeconomic inequalities in health? A theory-led systematic review of high-quality longitudinal studies on pathways in the living environment. Journal of Epidemiology and Community Health, 2019, 73, 929-934.	2.0	24
43	An analysis of the stock market reaction to the announcements of the UK Soft Drinks Industry Levy. Economics and Human Biology, 2020, 38, 100834.	0.7	23
44	Changes in household food and drink purchases following restrictions on the advertisement of high fat, salt, and sugar products across the Transport for London network: A controlled interrupted time series analysis. PLoS Medicine, 2022, 19, e1003915.	3.9	23
45	How do public health professionals view and engage with research? A qualitative interview study and stakeholder workshop engaging public health professionals and researchers. BMC Public Health, 2017, 17, 892.	1.2	22
46	The nature of UK supermarkets' policies on checkout food and associations with healthfulness and type of food displayed: cross-sectional study. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 52.	2.0	22
47	Will calorie labels for food and drink served outside the home improve public health?. BMJ, The, 2021, 372, n40.	3.0	22
48	Socio-demographic characteristics, diet and health among food insecure UK adults: cross-sectional analysis of the International Food Policy Study. Public Health Nutrition, 2020, 23, 2602-2614.	1.1	21
49	Multimodal Mixed Reality Interfaces for Visualizing Digital Heritage. International Journal of Architectural Computing, 2007, 5, 321-337.	0.9	18
50	Age-related inequalities in colon cancer treatment persist over time: a population-based analysis. Journal of Epidemiology and Community Health, 2019, 73, 34-41.	2.0	18
51	Age-related and socioeconomic inequalities in timeliness of referral and start of treatment in colorectal cancer: a population-based analysis. Journal of Epidemiology and Community Health, 2021, 75, jech-2020-214232.	2.0	18
52	Real Time Online Motion Capture for Entertainment Applications. , 2010, , .		15
53	Parents' and carers' awareness and perceptions of UK supermarket policies on less healthy food at checkouts: A qualitative study. Appetite, 2020, 147, 104541.	1.8	15
54	The impact of UK soft drinks industry levy on manufacturers' domestic turnover. Economics and Human Biology, 2020, 37, 100866.	0.7	15

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55	Self-Reported Impacts of the COVID-19 Pandemic on Diet-Related Behaviors and Food Security in 5 Countries: Results from the International Food Policy Study 2020. Journal of Nutrition, 2022, 152, 35S-46S.	1.3	15
56	The Conceptual Framework for the International Food Policy Study: Evaluating the Population-Level Impact of Food Policy. Journal of Nutrition, 2022, 152, 1S-12S.	1.3	14
57	Identifying inequitable healthcare in older people: systematic review of current research practice. International Journal for Equity in Health, 2017, 16, 123.	1.5	13
58	How should we evaluate sweetened beverage tax policies? A review of worldwide experience. BMC Public Health, 2021, 21, 1941.	1.2	12
59	Adolescents' media usage and self-reported exposure to advertising across six countries: implications for less healthy food and beverage marketing. BMJ Open, 2022, 12, e058913.	0.8	12
60	The Image chip for high performance 3D rendering. IEEE Computer Graphics and Applications, 1992, 12, 41-52.	1.0	10
61	Usability evaluation of the EPOCH multimodal user interface. , 2006, , .		10
62	The EPOCH Multimodal Interface for Interacting with Digital Heritage Artefacts. Lecture Notes in Computer Science, 2006, , 408-417.	1.0	10
63	Motion capture and activity tracking using smartphone-driven body sensor networks. , 2013, , .		10
64	A blockchain based peer-to-peer framework for exchanging leftover foreign currency. , 2017, , .		10
65	Voluntary policies on checkout foods and healthfulness of foods displayed at, or near, supermarket checkout areas: a cross-sectional survey. Public Health Nutrition, 2018, 21, 3462-3468.	1.1	10
66	Correlates of English local government use of the planning system to regulate hot food takeaway outlets: a cross-sectional analysis. International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 127.	2.0	10
67	The Application of Augmented Reality for Reanimating Cultural Heritage. Lecture Notes in Computer Science, 2014, , 85-95.	1.0	10
68	Meat-Reduced Dietary Practices and Efforts in 5 Countries: Analysis of Cross-Sectional Surveys in 2018 and 2019. Journal of Nutrition, 2022, 152, 57S-66S.	1.3	10
69	A Virtual Interactive Teaching Environment Using XML and Augmented Reality. International Journal of Electrical Engineering and Education, 2001, 38, 316-329.	0.4	9
70	Socio-economic and age variations in response to supermarket-led checkout food policies: a repeated measures analysis. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 125.	2.0	9
71	Building consensus on interactions between population health researchers and the food industry: Two-stage, online, international Delphi study and stakeholder survey. PLoS ONE, 2019, 14, e0221250.	1.1	9
72	Codesign of graphics hardware accelerators. , 1997, , .		8

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73	Rise of Big Data â€" Issues and Challenges. , 2018, , .		8
74	Different scientific approaches are needed to generate stronger evidence for population health improvement. PLoS Medicine, 2018, 15, e1002639.	3.9	8
75	Cloud Computing in Government Organizations-Towards a New Comprehensive Model. , 2019, , .		8
76	Issues and Challenges: Cloud Computing e-Government in Developing Countries. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	8
77	Tax awareness and perceived cost of sugar-sweetened beverages in four countries between 2017 and 2019: findings from the international food policy study. International Journal of Behavioral Nutrition and Physical Activity, 2022, 19, 38.	2.0	8
78	Reanimating Cultural Heritage through Service Orientation, Workflows, Social Networking and Mashups. , 2009, , .		7
79	The Recognition-Response Gap in Acute Stroke: Examining the Relationship between Stroke Recognition and Response in a General Population Survey. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104499.	0.7	7
80	An Internet of Things and Blockchain Based Smart Campus Architecture. Advances in Intelligent Systems and Computing, 2020, , 467-486.	0.5	7
81	Media representations of opposition to the â€˜junk food advertising banâ€™ on the Transport for London (TfL) network: A thematic content analysis of UK news and trade press. SSM - Population Health, 2021, 15, 100828.	1.3	7
82	Visualising uncertainty in archaeological reconstructions. , 2006, , .		6
83	How to Build an Open Source Render Farm Based on Desktop Grid Computing. Communications in Computer and Information Science, 2008, , 268-278.	0.4	6
84	The application of workflow management to digital heritage resources. International Journal of Information Management, 2014, 34, 660-671.	10.5	6
85	The application of service orientation on a mobile AR platform â€" a museum scenario. , 2015, , .		6
86	Developing a Model and Validating an Instrument for Measuring the Adoption and Utilisation of Mobile Government Services Adoption in Saudi Arabia. , 0, , .		6
87	Revolutionising Higher Education by Adopting Blockchain Technology in the Certification Process. , 2020, , .		6
88	Dietary quality of school meals and packed lunches: a national study of primary and secondary schoolchildren in the UK. Public Health Nutrition, 2023, 26, 425-436.	1.1	6
89	Implementing an anisotropic texture filter. Computers and Graphics, 2000, 24, 253-267.	1.4	5
90	Newspaper coverage of food insecurity in UK, 2016â€"2019: a multi-method analysis. BMC Public Health, 2021, 21, 1201.	1.2	5

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91	An Exploration of Blockchain in Social Networking Applications. Lecture Notes in Networks and Systems, 2021, , 858-868.	0.5	5
92	Perceptions Towards the Adoption and Utilization of M-Government Services: A Study from the Citizensâ€™ Perspective in Saudi Arabia. Lecture Notes in Business Information Processing, 2020, , 3-26.	0.8	5
93	Towards a post-cash society: An application to convert fiat money into a cryptocurrency. First Monday, 2017, 22, .	0.6	5
94	Towards a Blockchain-based Smart Certification System for Higher Education: An Empirical Study. International Journal of Computing and Digital Systems, 2022, 11, 553-571.	0.5	4
95	Efficient primitive traversal using adaptive linear edge function algorithms. Computers and Graphics, 1999, 23, 365-375.	1.4	3
96	Knowledge networking through social media for a digital heritage resource. , 2013, , .		3
97	Exploring Determinants of M-Government Services: A Study from the Citizensâ€™ Perspective in Saudi Arabia. , 0, , .		3
98	Public acceptability of the UK Soft Drinks Industry Levy: repeat cross-sectional analysis of the International Food Policy Study (2017â€“2019). BMJ Open, 2021, 11, e051677.	0.8	3
99	Museum Interactive Experiences through a 3D Reconstruction of the Church of Santa Chiara. , 2011, , .		3
100	Contactless Palm Vein Authentication Security Technique for Better Adoption of e-Commerce in Developing Countries. Advances in Intelligent Systems and Computing, 2020, , 380-390.	0.5	3
101	A Novel Model of Adoption of M-Commerce in Saudi Arabia. , 0, , .		3
102	The Impact of the Universal Infant Free School Meal Policy on Dietary Quality in English and Scottish Primary School Children: Evaluation of a Natural Experiment. Nutrients, 2022, 14, 1602.	1.7	3
103	The TAYRA 3-D Graphics Raster Processor. Computers and Graphics, 1997, 21, 129-142.	1.4	2
104	Pipelined Floating Point Arithmetic Optimised for FPGA Architectures. Lecture Notes in Computer Science, 1999, , 365-370.	1.0	2
105	A service-oriented mobile augmented reality architecture for personalized museum environments. , 2014, , .		2
106	E-ART: A New Encryption Algorithm Based on the Reflection of Binary Search Tree. Cryptography, 2021, 5, 4.	1.4	2
107	AIRM: A New AI Recruiting Model for the Saudi Arabia Labor Market. Lecture Notes in Networks and Systems, 2022, , 105-124.	0.5	2
108	Graphics ASIC design using VHDL. Computers and Graphics, 1995, 19, 301-308.	1.4	1

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109	Development of service oriented mobile AR applications for museum learning activities. , 2016, , .		1
110	Unifying Software and Hardware-Centric Inertial Measurement Units in Body Sensor Networks. , 2013, , .		1
111	Revolutionising the Approach to Smart Campus Architecture Through IoT and Blockchain Technologies. , 2022, , 1-41.		1
112	In reply to letter to the editor from V. Kraak and M. Mialon et al. Obesity Reviews, 2019, 20, 1338-1339.	3.1	0
113	Stalling life expectancy and rising inequalities in England â€" Authors' reply. Lancet, The, 2019, 394, 2239.	6.3	0
114	IMMBA â€" An Integrative Model for Mobile Banking Adoption: The Case of Saudi Arabia. , 2021, , .		0
115	Digital Heritage Systems. Advances in Human and Social Aspects of Technology Book Series, 2013, , 321-354.	0.3	0
116	Improving Anchor Selection for Inertial Motion Capture Systems through Weight Distribution Calculations. , 2013, , .		0
117	Digital Heritage Systems. , 0, , 503-527.		0
118	Awareness of and Participation in School Food Programs Among Youth From Six Countries. Journal of Nutrition, 2022, , .	1.3	0