FrÃ©dÃ©ric B Piel

List of Publications by Year
in descending order

65 papers	28,646 citations	172457 29 h-index	110387 64 g-index
73 all docs	73 docs citations	73 times ranked	49472 citing authors

#	Article	IF	Citations
1	A comparison of small-area deprivation indicators for public-health surveillance in Sweden. Scandinavian Journal of Public Health, 2023, 51, 520-526.	2.3	8
2	Transfusional Approach in Multi-Ethnic Sickle Cell Patients: Real-World Practice Data From a Multicenter Survey in Italy. Frontiers in Medicine, 2022, 9, 832154.	2.6	2
3	Small-area data on socioeconomic status and immigrant groups for evaluating equity of early cancer detection and care. Acta OncolÃ³gica, 2021, 60, 347-352.	1.8	5
4	Risk of cardiovascular mortality, stroke and coronary heart mortality associated with aircraft noise around Congonhas airport, SÃ£o Paulo, Brazil: a small-area study. Environmental Health, 2021, 20, 59.	4.0	8
5	Co-morbidities and mortality in patients with sickle cell disease in England: A 10-year cohort analysis using hospital episodes statistics (HES) data. Blood Cells, Molecules, and Diseases, 2021, 89, 102567.	1.4	4
6	Quantitative Determination and Environmental Risk Assessment of 102 Chemicals of Emerging Concern in Wastewater-Impacted Rivers Using Rapid Direct-Injection Liquid Chromatographyâ€”Tandem Mass Spectrometry. Molecules, 2021, 26, 5431.	3.8	13
7	Child mortality from sickle cell disease in Nigeria: a model-estimated, population-level analysis of data from the 2018 Demographic and Health Survey. Lancet Haematology,the, 2021, 8, e723-e731.	4.6	38
8	Availability, access, analysis and dissemination of small-area data. International Journal of Epidemiology, 2020, 49, i4-i14.	1.9	7
9	Temporal trends and demographic risk factors for hospital admissions due to carbon monoxide poisoning in England. Preventive Medicine, 2020, 136, 106104.	3.4	16
10	Small-area methods for investigation of environment and health. International Journal of Epidemiology, 2020, 49, 686-699.	1.9	26
11	Implementing newborn screening for sickle cell disease as part of immunisation programmes in Nigeria: a feasibility study. Lancet Haematology,the, 2020, 7, e534-e540.	4.6	35
12	Caring for Africaâ€™s sickle cell children: will we rise to the challenge?. BMC Medicine, 2020, 18, 92.	5.5	30
13	Disease mapping of early- and late-stage cancer to monitor inequalities in early detection: a study of cutaneous malignant melanoma. European Journal of Epidemiology, 2020, 35, 537-547.	5.7	9
14	Using large and complex datasets for small-area environment-health studies: from theory to practice. International Journal of Epidemiology, 2020, 49, i1-i3.	1.9	1
15	Software application profile: the Rapid Inquiry Facility 4.0: an open access tool for environmental public health tracking. International Journal of Epidemiology, 2020, 49, i38-i48.	1.9	9
16	Advances in mapping population and demographic characteristics at small-area levels. International Journal of Epidemiology, 2020, 49, i15-i25.	1.9	5
17	Advances in spatiotemporal models for non-communicable disease surveillance. International Journal of Epidemiology, 2020, 49, i26-i37.	1.9	19
18	Real-time national survey of COVID-19 in hemoglobinopathy and rare inherited anemia patients. Haematologica, 2020, 105, 2651-2654.	3.5	42

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19	Access to emergency departments for acute events and identification of sickle cell disease in refugees. Blood, 2019, 133, 2100-2103.	1.4	24
20	HemoTypeSC, a low-cost point-of-care testing device for sickle cell disease: Promises and challenges. Blood Cells, Molecules, and Diseases, 2019, 78, 22-28.	1.4	28
21	Estimating the burden of Î±-thalassaemia in Thailand using a comprehensive prevalence database for Southeast Asia. ELife, 2019, 8, .	6.0	15
22	Sickle cell disease. Nature Reviews Disease Primers, 2018, 4, 18010.	30.5	764
23	Real-life experience with hydroxyurea in sickle cell disease: A multicenter study in a cohort of patients with heterogeneous descent. Blood Cells, Molecules, and Diseases, 2018, 69, 82-89.	1.4	34
24	The spatial epidemiology of sickle-cell anaemia in India. Scientific Reports, 2018, 8, 17685.	3.3	55
25	The challenge of opt-outs from NHS data: a small-area perspective. Journal of Public Health, 2018, 40, e594-e600.	1.8	13
26	Newborn screening for sickle cell disease in Europe: recommendations from a Panâ€Ëuropean Consensus Conference. British Journal of Haematology, 2018, 183, 648-660.	2.5	100
27	Transfusion Therapy in a Multi-Ethnic Sickle Cell Population Real-World Practice. a Preliminary Data Analysis of Multicentre Survey. Blood, 2018, 132, 2389-2389.	1.4	3
28	A Multi-centre Survey of Acceptability of Newborn Screening for Sickle Cell Disease in Nigeria. Cureus, 2018, 10, e2354.	0.5	10
29	Proteomics Pathways of Sickle Cell Anemia (P2SCA): A Comprehensive Analysis By Liquid Chromatography Mass Spectrometry of Erythrocyte Membrane Proteins Characterized from the Muhimbili Sickle Cell Programme, Tanzania. Blood, 2018, 132, 3653-3653.	1.4	0
30	Sickle Cell Disease. New England Journal of Medicine, 2017, 376, 1561-1573.	27.0	898
31	Associations between environmental factors and hospital admissions for sickle cell disease. Haematologica, 2017, 102, 666-675.	3.5	29
32	Subphenotypes of sickle cell disease in Africa. Blood, 2017, 130, 2157-2158.	1.4	10
33	The Present and Future Global Burden of the Inherited Disorders of Hemoglobin. Hematology/Oncology Clinics of North America, 2016, 30, 327-341.	2.2	63
34	Sickle Cell Anemia: History and Epidemiology. , 2016, , 23-47.		9
35	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1603-1658.	13.7	1,612
36	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934

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37	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1545-1602.	13.7	5,298
38	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1659-1724.	13.7	4,203
39	Observed and expected frequencies of structural hemoglobin variants in newborn screening surveys in Africa and the Middle East: deviations from Hardy-Weinberg equilibrium. Genetics in Medicine, 2016, 18, 265-274.	2.4	22
40	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	13.7	413
41	Global and National Burden of Diseases and Injuries Among Children and Adolescents Between 1990 and 2013. JAMA Pediatrics, 2016, 170, 267.	6.2	479
42	Sickle-cell disease: a call to action. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 355-356.	1.8	15
43	Understanding the contrasting spatial haplotype patterns of malaria-protective Î²-globin polymorphisms. Infection, Genetics and Evolution, 2015, 36, 174-183.	2.3	7
44	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
45	Comparative multilocus phylogeography of two Palaearctic spruce bark beetles: influence of contrasting ecological strategies on genetic variation. Molecular Ecology, 2015, 24, 1292-1310.	3.9	34
46	Changes in health in England, with analysis by English regions and areas of deprivation, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2257-2274.	13.7	279
47	Environmental determinants of severity in sickle cell disease. Haematologica, 2015, 100, 1108-1116.	3.5	90
48	Vitamin A supplements, routine immunization, and the subsequent risk of Plasmodium infection among children under 5 years in sub-Saharan Africa. ELife, 2015, 4, e03925.	6.0	7
49	The Î±-Thalassemias. New England Journal of Medicine, 2014, 371, 1908-1916.	27.0	266
50	Managing the burden of sickle-cell disease in Africa. Lancet Haematology,the, 2014, 1, e11-e12.	4.6	3
51	Global migration and the changing distribution of sickle haemoglobin: a quantitative study of temporal trends between 1960 and 2000. The Lancet Global Health, 2014, 2, e80-e89.	6.3	127
52	Spatial distribution of G6PD deficiency variants across malaria-endemic regions. Malaria Journal, 2013, 12, 418.	2.3	135
53	Global epidemiology of sickle haemoglobin in neonates: a contemporary geostatistical model-based map and population estimates. Lancet, The, 2013, 381, 142-151.	13.7	841
54	Global Burden of Sickle Cell Anaemia in Children under Five, 2010â€“2050: Modelling Based on Demographics, Excess Mortality, and Interventions. PLoS Medicine, 2013, 10, e1001484.	8.4	738

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55	Online Biomedical Resources for Malariaâ€Related Red Cell Disorders. Human Mutation, 2013, 34, 937-944.	2.5	11
56	The distribution of haemoglobin C and its prevalence in newborns in Africa. Scientific Reports, 2013, 3, 1671.	3.3	85
57	G6PD Deficiency Prevalence and Estimates of Affected Populations in Malaria Endemic Countries: A Geostatistical Model-Based Map. PLoS Medicine, 2012, 9, e1001339.	8.4	404
58	The Jamaican Historical Experience of the Impact of Educational Interventions on Sickle Cell Disease Child Mortality. American Journal of Preventive Medicine, 2012, 42, e101-e103.	3.0	10
59	The global distribution of the Duffy blood group. Nature Communications, 2011, 2, 266.	12.8	287
60	Sickle Cell Disease in Africa. American Journal of Preventive Medicine, 2011, 41, S398-S405.	3.0	470
61	Bayesian geostatistics in health cartography: the perspective of malaria. Trends in Parasitology, 2011, 27, 246-253.	3.3	66
62	Global distribution of the sickle cell gene and geographical confirmation of the malaria hypothesis. Nature Communications, 2010, 1, 104.	12.8	423
63	New occurrence of Ips duplicatus Sahlberg in Herstal (Liege, Belgium). EPPO Bulletin, 2006, 36, 529-530.	0.8	14
64	Occurrence of Ips typographus (Col., Scolytidae) along an urbanization gradient in Brussels, Belgium. Agricultural and Forest Entomology, 2005, 7, 161-167.	1.3	20
65	Title is missing!. Integrated Pest Management Reviews, 2001, 6, 237-242.	0.1	57