

Elena N Naumova

List of Publications by Citations

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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.

214
papers

7,979
citations

42
h-index

83
g-index

237
ext. papers

9,071
ext. citations

4.6
avg, IF

6.52
L-index

#	Paper	IF	Citations
214	A randomized, controlled trial of the role of weaning predictors in clinical decision making. <i>Critical Care Medicine</i> , 2006 , 34, 2530-5	1.4	1216
213	Influenza seasonality: underlying causes and modeling theories. <i>Journal of Virology</i> , 2007 , 81, 5429-36	6.6	363
212	Recall of early menstrual history and menarcheal body size: after 30 years, how well do women remember?. <i>American Journal of Epidemiology</i> , 2002 , 155, 672-9	3.8	347
211	A community intervention reduces BMI z-score in children: Shape Up Somerville first year results. <i>Obesity</i> , 2007 , 15, 1325-36	8	337
210	Energy-dense snack food intake in adolescence: longitudinal relationship to weight and fatness. <i>Obesity</i> , 2004 , 12, 461-72		224
209	Association of depression and anxiety disorders with weight change in a prospective community-based study of children followed up into adulthood. <i>JAMA Pediatrics</i> , 2006 , 160, 285-91		195
208	Adolescent obesity and risk for subsequent major depressive disorder and anxiety disorder: prospective evidence. <i>Psychosomatic Medicine</i> , 2007 , 69, 740-7	3.7	184
207	Seasonality in six enterically transmitted diseases and ambient temperature. <i>Epidemiology and Infection</i> , 2007 , 135, 281-92	4.3	180
206	Lower extremity muscle mass predicts functional performance in mobility-limited elders. <i>Journal of Nutrition, Health and Aging</i> , 2008 , 12, 493-8	5.2	160
205	Climate, environmental and socio-economic change: weighing up the balance in vector-borne disease transmission. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	151
204	Tutorial in Biostatistics: Evaluating the impact of Qritical periodsQn longitudinal studies of growth using piecewise mixed effects models. <i>International Journal of Epidemiology</i> , 2001 , 30, 1332-41	7.8	142
203	Ambient air pollution and hospitalization for congestive heart failure among elderly people in seven large US cities. <i>American Journal of Public Health</i> , 1995 , 85, 1361-5	5.1	136
202	Dairy food consumption and body weight and fatness studied longitudinally over the adolescent period. <i>International Journal of Obesity</i> , 2003 , 27, 1106-13	5.5	125
201	Shape Up Somerville two-year results: a community-based environmental change intervention sustains weight reduction in children. <i>Preventive Medicine</i> , 2013 , 57, 322-7	4.3	119
200	Analysis of human immune responses in quasi-experimental settings: tutorial in biostatistics. <i>BMC Medical Research Methodology</i> , 2012 , 12, 1	4.7	115
199	Seasonality of cryptosporidiosis: A meta-analysis approach. <i>Environmental Research</i> , 2009 , 109, 465-78	7.9	115
198	Leptin, body composition and bone mineral density in premenopausal women. <i>Calcified Tissue International</i> , 2003 , 73, 27-32	3.9	111

197	Elasticity maps of living neurons measured by combined fluorescence and atomic force microscopy. <i>Biophysical Journal</i> , 2012 , 103, 868-77	2.9	99
196	Tobacco advertising in communities: associations with race and class. <i>Preventive Medicine</i> , 2005 , 40, 16-22	3	86
195	Carbon monoxide and hospital admissions for congestive heart failure: evidence of an increased effect at low temperatures. <i>Environmental Health Perspectives</i> , 1998 , 106, 649-53	8.4	85
194	Seasonality of rotavirus in South Asia: a meta-analysis approach assessing associations with temperature, precipitation, and vegetation index. <i>PLoS ONE</i> , 2012 , 7, e38168	3.7	83
193	Childhood overweight and maturational timing in the development of adult overweight and fatness: the Newton Girls Study and its follow-up. <i>Pediatrics</i> , 2005 , 116, 620-7	7.4	81
192	Relationship of childhood behavior disorders to weight gain from childhood into adulthood. <i>Academic Pediatrics</i> , 2006 , 6, 297-301		78
191	A class I MHC-restricted recall response to a viral peptide is highly polyclonal despite stringent CDR3 selection: implications for establishing memory T cell repertoires in "real-world" conditions. <i>Journal of Immunology</i> , 1998 , 160, 2842-52	5.3	65
190	A fractal clonotype distribution in the CD8+ memory T cell repertoire could optimize potential for immune responses. <i>Journal of Immunology</i> , 2003 , 170, 3994-4001	5.3	63
189	Temporal variation in drinking water turbidity and diagnosed gastroenteritis in Milwaukee. <i>American Journal of Public Health</i> , 1996 , 86, 237-9	5.1	63
188	Trends in Processed Meat, Unprocessed Red Meat, Poultry, and Fish Consumption in the United States, 1999-2016. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2019 , 119, 1085-1098.e12	3.9	62
187	Activity, inactivity, and screen time in relation to weight and fatness over adolescence in girls. <i>Obesity</i> , 2007 , 15, 1774-81	8	57
186	The elderly and waterborne <i>Cryptosporidium</i> infection: gastroenteritis hospitalizations before and during the 1993 Milwaukee outbreak. <i>Emerging Infectious Diseases</i> , 2003 , 9, 418-25	10.2	55
185	Transferability and generalizability of regression models of ultrafine particles in urban neighborhoods in the Boston area. <i>Environmental Science & Technology</i> , 2015 , 49, 6051-60	10.3	54
184	An hourly regression model for ultrafine particles in a near-highway urban area. <i>Environmental Science & Technology</i> , 2014 , 48, 3272-80	10.3	54
183	Longitudinal Analysis of the Intestinal Microbiota in Persistently Stunted Young Children in South India. <i>PLoS ONE</i> , 2016 , 11, e0155405	3.7	53
182	Infectious endophthalmitis in Boston keratoprosthesis: incidence and prevention. <i>Acta Ophthalmologica</i> , 2014 , 92, e546-55	3.7	50
181	The influence of meteorological and geomagnetic factors on acute myocardial infarction and brain stroke in Moscow, Russia. <i>International Journal of Biometeorology</i> , 2014 , 58, 799-808	3.7	47
180	Occurrence and timing of childhood overweight and mortality: findings from the Third Harvard Growth Study. <i>Journal of Pediatrics</i> , 2012 , 160, 743-50	3.6	46

179	The first 1000 days of life: prenatal and postnatal risk factors for morbidity and growth in a birth cohort in southern India. <i>BMJ Open</i> , 2014 , 4, e005404	3	46
178	Seasonal synchronization of influenza in the United States older adult population. <i>PLoS ONE</i> , 2010 , 5, e10187	3.7	45
177	Mystery of seasonality: getting the rhythm of nature. <i>Journal of Public Health Policy</i> , 2006 , 27, 2-12	2.9	45
176	Daily variations in effluent water turbidity and diarrhoeal illness in a Russian city. <i>International Journal of Environmental Health Research</i> , 2003 , 13, 81-94	3.6	43
175	Effect of precipitation on seasonal variability in cryptosporidiosis recorded by the North West England surveillance system in 1990-1999. <i>Journal of Water and Health</i> , 2005 , 3, 185-196	2.2	42
174	Did Milwaukee Experience Waterborne Cryptosporidiosis before the Large Documented Outbreak in 1993?. <i>Epidemiology</i> , 1998 , 9, 264-270	3.1	42
173	Dangers of vaccine refusal near the herd immunity threshold: a modelling study. <i>Lancet Infectious Diseases</i> , 2015 , 15, 922-6	25.5	40
172	Seasonality of <i>Cryptosporidium</i> oocyst detection in surface waters of Meru, Kenya as determined by two isolation methods followed by PCR. <i>Journal of Water and Health</i> , 2009 , 7, 67-75	2.2	36
171	Changes in diet and physical activity resulting from the Shape Up Somerville community intervention. <i>BMC Pediatrics</i> , 2013 , 13, 157	2.6	35
170	Use of passive surveillance data to study temporal and spatial variation in the incidence of giardiasis and cryptosporidiosis. <i>Public Health Reports</i> , 2000 , 115, 436-47	2.5	35
169	Burden of childhood diseases and malnutrition in a semi-urban slum in southern India. <i>BMC Public Health</i> , 2013 , 13, 87	4.1	34
168	Air pollution and anemia as risk factors for pneumonia in Ecuadorian children: a retrospective cohort analysis. <i>Environmental Health</i> , 2011 , 10, 93	6	33
167	Change in leptin, body composition and other hormones around menarche--a visual representation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008 , 97, 1454-9	3.1	33
166	Seasonality of water quality and diarrheal disease counts in urban and rural settings in south India. <i>Scientific Reports</i> , 2016 , 6, 20521	4.9	33
165	Heat-Related Hospitalizations in Older Adults: An Amplified Effect of the First Seasonal Heatwave. <i>Scientific Reports</i> , 2017 , 7, 39581	4.9	32
164	Risk factors for cryptosporidiosis among children in a semi urban slum in southern India: a nested case-control study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014 , 91, 1128-37	3.2	32
163	Detection of herpes simplex DNA in semen and menstrual blood of individuals attending an infertility clinic. <i>Journal of Obstetrics and Gynaecology Research</i> , 1997 , 23, 17-24		32
162	Influenza vaccination in young children reduces influenza-associated hospitalizations in older adults, 2002-2006. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 327-32	5.6	31

161	Pneumonia and influenza hospitalizations in elderly people with dementia. <i>Journal of the American Geriatrics Society</i> , 2009 , 57, 2192-9	5.6	31
160	L-Dopa and the albino riddle: content of L-Dopa in the developing retina of pigmented and albino mice. <i>PLoS ONE</i> , 2013 , 8, e57184	3.7	30
159	Dynamic maps: a visual-analytic methodology for exploring spatio-temporal disease patterns. <i>Environmental Health</i> , 2009 , 8, 61	6	30
158	Environmental Factors Associated with High Fly Densities and Diarrhea in Vellore, India. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6053-8	4.8	29
157	A clonotype nomenclature for T cell receptors. <i>Immunogenetics</i> , 2009 , 61, 493-502	3.2	29
156	A longitudinal comparison of body composition by total body water and bioelectrical impedance in adolescent girls. <i>Journal of Nutrition</i> , 2003 , 133, 1419-25	4.1	29
155	Serological evidence of Cryptosporidium infections in a Russian city and evaluation of risk factors for infections. <i>Annals of Epidemiology</i> , 2004 , 14, 129-36	6.4	29
154	Complex T cell memory repertoires participate in recall responses at extremes of antigenic load. <i>Journal of Immunology</i> , 2006 , 177, 2006-14	5.3	28
153	Confidentiality and confidence: is data aggregation a means to achieve both?. <i>Journal of Public Health Policy</i> , 2005 , 26, 430-49	2.9	28
152	Effect of precipitation on seasonal variability in cryptosporidiosis recorded by the North West England surveillance system in 1990-1999. <i>Journal of Water and Health</i> , 2005 , 3, 185-96	2.2	28
151	Antibody responses to the immunodominant Cryptosporidium gp15 antigen and gp15 polymorphisms in a case-control study of cryptosporidiosis in children in Bangladesh. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011 , 85, 97-104	3.2	27
150	Acute respiratory diseases and carboxyhemoglobin status in school children of Quito, Ecuador. <i>Environmental Health Perspectives</i> , 2005 , 113, 607-11	8.4	27
149	Cryptosporidiosis among children in an endemic semiurban community in southern India: does a protected drinking water source decrease infection?. <i>Clinical Infectious Diseases</i> , 2013 , 57, 398-406	11.6	26
148	Visual analytics for epidemiologists: understanding the interactions between age, time, and disease with multi-panel graphs. <i>PLoS ONE</i> , 2011 , 6, e14683	3.7	26
147	Cardiovascular Disease Hospitalizations in Louisiana Parishes Elderly before, during and after Hurricane Katrina. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 16,	4.6	25
146	Cryptosporidiosis in the elderly population of the United States. <i>Clinical Infectious Diseases</i> , 2009 , 48, 698-705	11.6	25
145	Piped water consumption in Ghana: A case study of temporal and spatial patterns of clean water demand relative to alternative water sources in rural small towns. <i>Science of the Total Environment</i> , 2016 , 559, 291-301	10.2	25
144	The shift in seasonality of legionellosis in the USA. <i>Epidemiology and Infection</i> , 2018 , 146, 1824-1833	4.3	24

143	Hospitalization of the elderly in the United States for nonspecific gastrointestinal diseases: a search for etiological clues. <i>American Journal of Public Health</i> , 2011 , 101, 2082-6	5.1	24
142	Microsporidiosis and malnutrition in children with persistent diarrhea, Uganda. <i>Emerging Infectious Diseases</i> , 2009 , 15, 49-52	10.2	24
141	Spatial and temporal variations and mobile source emissions of polycyclic aromatic hydrocarbons in Quito, Ecuador. <i>Environmental Pollution</i> , 2009 , 157, 528-36	9.3	24
140	Emergency room visits for respiratory conditions in children increased after Guagua Pichincha volcanic eruptions in April 2000 in Quito, Ecuador observational study: time series analysis. <i>Environmental Health</i> , 2007 , 6, 21	6	24
139	Overweight, Obesity, and Associated Disease Burden in the Veterans Affairs Ambulatory Care Population. <i>Military Medicine</i> , 2003 , 168, 252-256	1.3	24
138	Comparisons of Traffic-Related Ultrafine Particle Number Concentrations Measured in Two Urban Areas by Central, Residential, and Mobile Monitoring. <i>Atmospheric Environment</i> , 2017 , 169, 113-127	5.3	23
137	Systemic antibody responses to the immunodominant p23 antigen and p23 polymorphisms in children with cryptosporidiosis in Bangladesh. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 86, 214-22	3.2	23
136	Multiple glycines in TCR alpha-chains determine clonally diverse nature of human T cell memory to influenza A virus. <i>Journal of Immunology</i> , 2008 , 181, 7407-19	5.3	23
135	Relation of body mass index and body fatness to energy expenditure: longitudinal changes from preadolescence through adolescence. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1262-9	7	23
134	Deviations in influenza seasonality: odd coincidence or obscure consequence?. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 955-62	9.5	22
133	Serum IgG response to <i>Cryptosporidium</i> immunodominant antigen gp15 and polymorphic antigen gp40 in children with cryptosporidiosis in South India. <i>Vaccine Journal</i> , 2011 , 18, 633-9		22
132	Natural History of Cryptosporidiosis in a Birth Cohort in Southern India. <i>Clinical Infectious Diseases</i> , 2017 , 64, 347-354	11.6	21
131	Two compensatory pathways maintain long-term stability and diversity in CD8 T cell memory repertoires. <i>Journal of Immunology</i> , 2009 , 183, 2851-8	5.3	21
130	CD4+ and CD8+ circulating alpha/beta T-cell repertoires are equally complex and are characterized by different levels of steady-state TCR expression. <i>Human Immunology</i> , 1996 , 48, 52-62	2.3	21
129	Combining Measurements from Mobile Monitoring and a Reference Site To Develop Models of Ambient Ultrafine Particle Number Concentration at Residences. <i>Environmental Science & Technology</i> , 2018 , 52, 6985-6995	10.3	21
128	A comparative analysis of three vector-borne diseases across Australia using seasonal and meteorological models. <i>Scientific Reports</i> , 2017 , 7, 40186	4.9	20
127	Geographic variations and temporal trends of Salmonella-associated hospitalization in the U.S. elderly, 1991-2004: a time series analysis of the impact of HACCP regulation. <i>BMC Public Health</i> , 2009 , 9, 447	4.1	20
126	Selective T cell expansion during aging of CD8 memory repertoires to influenza revealed by modeling. <i>Journal of Immunology</i> , 2011 , 186, 6617-24	5.3	20

125	The effect of Helicobacter pylori infection on growth velocity in young children from poor urban communities in Ecuador. <i>International Journal of Infectious Diseases</i> , 2010 , 14, e788-91	10.5	19
124	Clostridium difficile-associated disease in the elderly, United States. <i>Emerging Infectious Diseases</i> , 2009 , 15, 343-4	10.2	19
123	Precision of Lunar Achilles+ bone quality measurements: time dependency and multiple machine use in field studies. <i>British Journal of Radiology</i> , 2007 , 80, 919-25	3.4	19
122	The impact of policy guidelines on hospital antibiotic use over a decade: a segmented time series analysis. <i>PLoS ONE</i> , 2014 , 9, e92206	3.7	19
121	Environmental predictors of diarrhoeal infection for rural and urban communities in south India in children and adults. <i>Epidemiology and Infection</i> , 2015 , 143, 3036-47	4.3	18
120	Presence of HSV-1 DNA in semen and menstrual blood. <i>Journal of Reproductive Immunology</i> , 1998 , 41, 137-47	4.2	18
119	Simulation studies for a multistage dynamic process of immune memory response to influenza: experiment in silico. <i>Annales Zoologici Fennici</i> , 2008 , 45, 369-384	0.9	18
118	Rotavirus seasonality and age effects in a birth cohort study of southern India. <i>PLoS ONE</i> , 2013 , 8, e71616	3.7	17
117	Expert opinion on body mass index percentiles for figure drawings at menarche. <i>International Journal of Obesity</i> , 2002 , 26, 876-9	5.5	17
116	Physicochemical parameters affecting the perception of borehole water quality in Ghana. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 990-997	6.9	16
115	Emergence and evolution of social self-management of Parkinson's disease: study protocol for a 3-year prospective cohort study. <i>BMC Neurology</i> , 2014 , 14, 95	3.1	16
114	Snowbirds and infection--new phenomena in pneumonia and influenza hospitalizations from winter migration of older adults: a spatiotemporal analysis. <i>BMC Public Health</i> , 2011 , 11, 444	4.1	15
113	Effects of Air Pollution on Lung Innate Lymphoid Cells: Review of In Vitro and In Vivo Experimental Studies. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	14
112	Seasonal patterns of gastrointestinal illness and streamflow along the Ohio River. <i>International Journal of Environmental Research and Public Health</i> , 2012 , 9, 1771-90	4.6	14
111	Serum IgG responses and seroconversion patterns to Cryptosporidium gp15 among children in a birth cohort in south India. <i>Vaccine Journal</i> , 2012 , 19, 849-54		14
110	Patterns of protozoan infections: spatiotemporal associations with cattle density. <i>EcoHealth</i> , 2010 , 7, 33-46	3.1	14
109	Seasonality Assessment for Biosurveillance Systems 2007 , 437-450		14
108	Did Milwaukee experience waterborne cryptosporidiosis before the large documented outbreak in 1993?. <i>Epidemiology</i> , 1998 , 9, 264-70	3.1	14

107	Pneumonia and influenza hospitalization in HIV-positive seniors. <i>Epidemiology and Infection</i> , 2011 , 139, 1317-25	4.3	13
106	Recent diarrhea is associated with elevated salivary IgG responses to <i>Cryptosporidium</i> in residents of an eastern Massachusetts community. <i>Infection</i> , 2010 , 38, 117-23	5.8	13
105	The SEEDs of two gastrointestinal diseases: socioeconomic, environmental, and demographic factors related to cryptosporidiosis and giardiasis in Massachusetts. <i>Environmental Research</i> , 2008 , 108, 185-91	7.9	13
104	Forecasting Seasonal Concentrations in New England Shellfish. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12
103	Hospitalization records as a tool for evaluating performance of food- and water-borne disease surveillance systems: a Massachusetts case study. <i>PLoS ONE</i> , 2014 , 9, e93744	3.7	12
102	Disproportional effects in populations of concern for pandemic influenza: insights from seasonal epidemics in Wisconsin, 1967-2004. <i>Influenza and Other Respiratory Viruses</i> , 2010 , 4, 205-12	5.6	12
101	Time-distributed effect of exposure and infectious outbreaks. <i>Environmetrics</i> , 2008 , 20, 235-248	1.3	12
100	Grandparental caregiving, income inequality and respiratory infections in elderly US individuals. <i>Journal of Epidemiology and Community Health</i> , 2011 , 65, 246-53	5.1	12
99	Hospitalizations due to selected infections caused by opportunistic premise plumbing pathogens (OPPP) and reported drug resistance in the United States older adult population in 1991-2006. <i>Journal of Public Health Policy</i> , 2016 , 37, 500-513	2.9	12
98	Indicators of improved water access in the context of schistosomiasis transmission in rural Eastern Region, Ghana. <i>Science of the Total Environment</i> , 2017 , 579, 1745-1755	10.2	11
97	Mapping spontaneous facial expression in people with Parkinson's disease: A multiple case study design. <i>Cogent Psychology</i> , 2017 , 4,	1	11
96	Seasonality and within-subject clustering of rotavirus infections in an eight-site birth cohort study. <i>Epidemiology and Infection</i> , 2018 , 146, 688-697	4.3	11
95	Innovation in observation: a vision for early outbreak detection. <i>Emerging Health Threats Journal</i> , 2010 , 3, 7103		11
94	Effects of Data Aggregation on Time Series Analysis of Seasonal Infections. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	11
93	Differential patterns, trends and hotspots of road traffic injuries on different road networks in Vellore district, southern India. <i>Tropical Medicine and International Health</i> , 2015 , 20, 293-303	2.3	10
92	Seasonality of Rotavirus Hospitalizations at Costa Rica's National Children's Hospital in 2010-2015. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
91	Quantifying tap-to-household water quality deterioration in urban communities in Vellore, India: The impact of spatial assumptions. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 29-36	6.9	10
90	The polyclonal CD8 T cell response to influenza M158-66 generates a fully connected network of cross-reactive clonotypes to structurally related peptides: a paradigm for memory repertoire coverage of novel epitopes or escape mutants. <i>Journal of Immunology</i> , 2011 , 186, 6390-7	5.3	10

89	Innovation in observation: a vision for early outbreak detection. <i>Emerging Health Threats Journal</i> , 2010 , 3, e6		10
88	Building Capacity Between the Private Emergency Food System and the Local Food Movement: Working Toward Food Justice and Sovereignty in the Global North. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 235-253	2.4	10
87	Seasonality of diet costs reveals food system performance in East Africa. <i>Science Advances</i> , 2020 , 6,	14.3	10
86	Air pollution control and the occurrence of acute respiratory illness in school children of Quito, Ecuador. <i>Journal of Public Health Policy</i> , 2019 , 40, 17-34	2.9	10
85	Ultrafine Particle Number Concentration Model for Estimating Retrospective and Prospective Long-Term Ambient Exposures in Urban Neighborhoods. <i>Environmental Science & Technology</i> , 2020 , 54, 1677-1686	10.3	9
84	Improving spatial prediction of <i>Schistosoma haematobium</i> prevalence in southern Ghana through new remote sensors and local water access profiles. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006517 ⁸	14.8	9
83	Development and testing of the BONES physical activity survey for young children. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 195	2.8	9
82	Waterborne <i>Cryptosporidium</i> oocyst identification and genotyping: use of GIS for ecosystem studies in Kenya and Ecuador. <i>Journal of Eukaryotic Microbiology</i> , 2003 , 50 Suppl, 548-9	3.6	9
81	Signature-forecasting and early outbreak detection system. <i>Environmetrics</i> , 2005 , 16, 749-766	1.3	9
80	Population Dynamics in the Elderly: The Need for Age-Adjustment in National BioSurveillance Systems 2007 , 47-58		9
79	Assessing Seasonality Variation with Harmonic Regression: Accommodations for Sharp Peaks. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	8
78	Survival and Failure to Thrive in the SIV-Infected Juvenile Rhesus Monkey. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 1999 , 22, 119	3.1	8
77	Possible undetected outbreaks of cryptosporidiosis in areas of the north west of England supplied by an unfiltered surface water source. <i>Communicable Disease and Public Health / Phls</i> , 2001 , 4, 136-8		8
76	Agglomerative Clustering of Enteric Infections and Weather Parameters to Identify Seasonal Outbreaks in Cold Climates. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
75	Serum Anti-Cryptosporidial gp15 Antibodies in Mothers and Children Less than 2 Years of Age in India. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 931-938	3.2	7
74	Childhood Hib vaccination and pneumonia and influenza burden in US seniors. <i>Vaccine</i> , 2010 , 28, 4462-9	4.1	7
73	Trends for influenza and pneumonia hospitalization in the older population: age, period, and cohort effects. <i>Epidemiology and Infection</i> , 2010 , 138, 1135-45	4.3	7
72	Incorporating calendar effects to predict influenza seasonality in Milwaukee, Wisconsin. <i>Epidemiology and Infection</i> , 2019 , 147, e268	4.3	7

71	Contextualizing <i>Schistosoma haematobium</i> transmission in Ghana: Assessment of diagnostic techniques and individual and community water-related risk factors. <i>Acta Tropica</i> , 2019 , 194, 195-203	3.2	6
70	CDR3 clonotype and amino acid motif diversity of BV19 expressing circulating human CD8 T cells. <i>Human Immunology</i> , 2016 , 77, 137-145	2.3	6
69	Using water insecurity to predict domestic water demand in the Palestinian West Bank. <i>Water International</i> , 2015 , 40, 614-634	2.4	6
68	Redefining climate regions in the United States of America using satellite remote sensing and machine learning for public health applications. <i>Geospatial Health</i> , 2014 , 8, S647-59	2.2	6
67	Temporal changes in land cover types and the incidence of malaria in Mangalore, India. <i>International Journal of Biomedical Research</i> , 2014 , 5, 494-498		6
66	A cautionary note for population health: disproportionate emphasis on personal responsibility for health and wellbeing. <i>Journal of Public Health Policy</i> , 2014 , 35, 397-400	2.9	6
65	Development of a pediatric cariogenicity index. <i>Journal of Public Health Dentistry</i> , 2013 , 73, 179-86	1.6	6
64	Measuring disease burden in the older population using the slope-intercept method for population log-linear estimation (SIMPLE). <i>Statistics in Medicine</i> , 2011 , 30, 480-8	2.3	6
63	LongCriSP: a test for bump hunting in longitudinal data. <i>Statistics in Medicine</i> , 2007 , 26, 1383-97	2.3	6
62	Combinatorial decomposition of an outbreak signature. <i>Mathematical Biosciences</i> , 2006 , 202, 269-87	3.9	6
61	Does the presence of vegetation affect asthma hospitalizations among the elderly? A comparison between rural, suburban, and urban areas. <i>International Journal of Environment and Sustainability</i> , 2015 , 4,		6
60	Rotavirus Seasonality: An Application of Singular Spectrum Analysis and Polyharmonic Modeling. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
59	INFERNO: a system for early outbreak detection and signature forecasting. <i>MMWR Supplements</i> , 2005 , 54, 77-83	20.6	6
58	The use of remotely sensed environmental parameters for spatial and temporal schistosomiasis prediction across climate zones in Ghana. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 301	3.1	5
57	Household and family factors related to weight status in first through third graders: a cross-sectional study in Eastern Massachusetts. <i>BMC Pediatrics</i> , 2014 , 14, 167	2.6	5
56	Defining outbreak: breaking out of confusion. <i>Journal of Public Health Policy</i> , 2007 , 28, 442-55	2.9	5
55	Seasonal synchronization of foodborne outbreaks in the United States, 1996-2017. <i>Scientific Reports</i> , 2020 , 10, 17500	4.9	5
54	Mapping sub-field maize yields in Nebraska, USA by combining remote sensing imagery, crop simulation models, and machine learning. <i>Precision Agriculture</i> , 2020 , 21, 678-694	5.6	5

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