

Patrick De Boever

List of Publications by Year in descending order

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Version: 2024-02-01

136
papers

4,161
citations

94269

37
h-index

138251

58
g-index

142
all docs

142
docs citations

142
times ranked

6658
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of environmental biocontamination on board the International Space Station. <i>Research in Microbiology</i> , 2006, 157, 5-12.	1.0	197
2	Fermentation by Gut Microbiota Cultured in a Simulator of the Human Intestinal Microbial Ecosystem Is Improved by Supplementing a Soygerm Powder. <i>Journal of Nutrition</i> , 2000, 130, 2599-2606.	1.3	177
3	Cholesterol lowering in pigs through enhanced bacterial bile salt hydrolase activity. <i>British Journal of Nutrition</i> , 1998, 79, 185-194.	1.2	150
4	Influence of Denitrification on the Corrosion of Iron and Stainless Steel Powder. <i>Environmental Science & Technology</i> , 2000, 34, 663-671.	4.6	112
5	Use of the rotating wall vessel technology to study the effect of shear stress on growth behaviour of <i>Pseudomonas aeruginosa</i> PA01. <i>Environmental Microbiology</i> , 2008, 10, 2098-2110.	1.8	105
6	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	0.9	105
7	Influence of ambient air pollution on global DNA methylation in healthy adults: A seasonal follow-up. <i>Environment International</i> , 2013, 59, 418-424.	4.8	103
8	<i>In Utero</i> Fine Particle Air Pollution and Placental Expression of Genes in the Brain-Derived Neurotrophic Factor Signaling Pathway: An ENVIR <i>ON</i> AGE Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2015, 123, 834-840.	2.8	102
9	RELIC: a novel dye-bias correction method for Illumina Methylation BeadChip. <i>BMC Genomics</i> , 2017, 18, 4.	1.2	96
10	Protective effect of the bile salt hydrolase-active <i>Lactobacillus reuteri</i> against bile salt cytotoxicity. <i>Applied Microbiology and Biotechnology</i> , 2000, 53, 709-714.	1.7	91
11	Ambient air pollution and health in Sub-Saharan Africa: Current evidence, perspectives and a call to action.. <i>Environmental Research</i> , 2019, 173, 174-188.	3.7	89
12	Short-term effects of physical activity, air pollution and their interaction on the cardiovascular and respiratory system. <i>Environment International</i> , 2018, 117, 82-90.	4.8	88
13	Towards a Comprehensive Conceptual Framework of Active Travel Behavior: a Review and Synthesis of Published Frameworks. <i>Current Environmental Health Reports</i> , 2017, 4, 286-295.	3.2	85
14	Wearable Sensors for Personal Monitoring and Estimation of Inhaled Traffic-Related Air Pollution: Evaluation of Methods. <i>Environmental Science & Technology</i> , 2017, 51, 1859-1867.	4.6	80
15	Influence of a synbiotic mixture consisting of <i>Lactobacillus acidophilus</i> 74-2 and a fructooligosaccharide preparation on the microbial ecology sustained in a simulation of the human intestinal microbial ecosystem (SHIME reactor). <i>Applied Microbiology and Biotechnology</i> , 2000, 53, 219-223.	1.7	79
16	Bile salt deconjugation by <i>Lactobacillus plantarum</i> 80 and its implication for bacterial toxicity. <i>Journal of Applied Microbiology</i> , 1999, 87, 345-352.	1.4	76
17	Black Carbon Reduces the Beneficial Effect of Physical Activity on Lung Function. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1875-1881.	0.2	74
18	Lower Placental Leptin Promoter Methylation in Association with Fine Particulate Matter Air Pollution during Pregnancy and Placental Nitrosative Stress at Birth in the ENVIR <i>ON</i> AGE Cohort. <i>Environmental Health Perspectives</i> , 2017, 125, 262-268.	2.8	73

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19	Artery-vein segmentation in fundus images using a fully convolutional network. <i>Computerized Medical Imaging and Graphics</i> , 2019, 76, 101636.	3.5	73
20	Wearable Finger Pulse Oximetry for Continuous Oxygen Saturation Measurements During Daily Home Routines of Patients With Chronic Obstructive Pulmonary Disease (COPD) Over One Week: Observational Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12866.	1.8	70
21	Carotid Intima-Media Thickness, a Marker of Subclinical Atherosclerosis, and Particulate Air Pollution Exposure: the Meta-Analytical Evidence. <i>PLoS ONE</i> , 2015, 10, e0127014.	1.1	66
22	Retinal Microvascular Responses to Short-Term Changes in Particulate Air Pollution in Healthy Adults. <i>Environmental Health Perspectives</i> , 2013, 121, 1011-1016.	2.8	60
23	Vascular endothelial dysfunction in the wake of HIV and ART. <i>FEBS Journal</i> , 2019, 286, 1256-1270.	2.2	60
24	Optimization of a yeast estrogen screen and its applicability to study the release of estrogenic isoflavones from a soygerm powder. <i>Environmental Health Perspectives</i> , 2001, 109, 691-697.	2.8	58
25	Accurate prediction of glaucoma from colour fundus images with a convolutional neural network that relies on active and transfer learning. <i>Acta Ophthalmologica</i> , 2020, 98, e94-e100.	0.6	58
26	Systematic Review on Fractal Dimension of the Retinal Vasculature in Neurodegeneration and Stroke: Assessment of a Potential Biomarker. <i>Frontiers in Neuroscience</i> , 2020, 14, 16.	1.4	58
27	Subclinical Effects of Aerobic Training in Urban Environment. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 439-447.	0.2	56
28	Salivary <sc>DNA</sc> Methylation Profiling: Aspects to Consider for Biomarker Identification. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 93-101.	1.2	56
29	Monitoring Poly(3-hydroxybutyrate) Production in <i>Cupriavidus necator</i> DSM 428 (H16) with Raman Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 2155-2160.	3.2	52
30	Blood pressure changes in association with black carbon exposure in a panel of healthy adults are independent of retinal microcirculation. <i>Environment International</i> , 2015, 75, 81-86.	4.8	50
31	Short-term air pollution exposure decreases lung function: a repeated measures study in healthy adults. <i>Environmental Health</i> , 2017, 16, 60.	1.7	49
32	COPD and exercise: does it make a difference?. <i>Breathe</i> , 2016, 12, e38-e49.	0.6	48
33	Physical Activity, Air Pollution and the Brain. <i>Sports Medicine</i> , 2014, 44, 1505-1518.	3.1	47
34	Changed gene expression in brains of mice exposed to traffic in a highway tunnel. <i>Inhalation Toxicology</i> , 2012, 24, 676-686.	0.8	45
35	Transport most likely to cause air pollution peak exposures in everyday life: Evidence from over 2000 days of personal monitoring. <i>Atmospheric Environment</i> , 2019, 213, 424-432.	1.9	45
36	Whole-Genome Saliva and Blood DNA Methylation Profiling in Individuals with a Respiratory Allergy. <i>PLoS ONE</i> , 2016, 11, e0151109.	1.1	44

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37	Pathological myopia classification with simultaneous lesion segmentation using deep learning. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 199, 105920.	2.6	42
38	Radiation dosimetry for microbial experiments in the International Space Station using different etched track and luminescent detectors. <i>Radiation Protection Dosimetry</i> , 2006, 120, 433-437.	0.4	41
39	Deep learning on fundus images detects glaucoma beyond the optic disc. <i>Scientific Reports</i> , 2021, 11, 20313.	1.6	40
40	Evaluation of the Airborne Bacterial Population in the Periodically Confined Antarctic Base Concordia. <i>Microbial Ecology</i> , 2009, 57, 640-648.	1.4	38
41	Physical activity and sedentary behaviour in daily life: A comparative analysis of the Global Physical Activity Questionnaire (GPAQ) and the SenseWear armband. <i>PLoS ONE</i> , 2017, 12, e0177765.	1.1	38
42	Age and sex affect deep learning prediction of cardiometabolic risk factors from retinal images. <i>Scientific Reports</i> , 2020, 10, 9432.	1.6	35
43	Cardiovascular effects of air pollution: current evidence from animal and human studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1417-H1439.	1.5	35
44	Short-term fluctuations in personal black carbon exposure are associated with rapid changes in carotid arterial stiffening. <i>Environment International</i> , 2016, 88, 228-234.	4.8	33
45	Biomonitoring and biomarkers to unravel the risks from prenatal environmental exposures for later health outcomes. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1964-S1969.	2.2	32
46	miRNA expression profiles and retinal blood vessel calibers are associated with short-term particulate matter air pollution exposure. <i>Environmental Research</i> , 2016, 147, 24-31.	3.7	32
47	Oxygen saturation measurements in telemonitoring of patients with COPD: a systematic review. <i>Expert Review of Respiratory Medicine</i> , 2018, 12, 113-123.	1.0	32
48	Using the Moon as a high-fidelity analogue environment to study biological and behavioral effects of long-duration space exploration. <i>Planetary and Space Science</i> , 2012, 74, 111-120.	0.9	30
49	Development of a Six-Stage Culture System for Simulating the Gastrointestinal Microbiota of Weaned Infants. <i>Microbial Ecology in Health and Disease</i> , 2001, 13, 111-123.	3.8	29
50	Combination of snapshot hyperspectral retinal imaging and optical coherence tomography to identify Alzheimer's disease patients. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 144.	3.0	29
51	Conjugation-mediated plasmid exchange between bacteria grown under space flight conditions. <i>Microgravity Science and Technology</i> , 2007, 19, 138-144.	0.7	28
52	Recent exposure to ultrafine particles in school children alters miR-222 expression in the extracellular fraction of saliva. <i>Environmental Health</i> , 2016, 15, 80.	1.7	28
53	Cardiovascular risk and endothelial function in people living with HIV/AIDS: design of the multi-site, longitudinal EndoAfrica study in the Western Cape Province of South Africa. <i>BMC Infectious Diseases</i> , 2017, 17, 41.	1.3	28
54	Combined use of <i>Lactobacillus reuteri</i> and soygerm powder as food supplement. <i>Letters in Applied Microbiology</i> , 2001, 33, 420-424.	1.0	27

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55	Sex-Specific Associations between Particulate Matter Exposure and Gene Expression in Independent Discovery and Validation Cohorts of Middle-Aged Men and Women. <i>Environmental Health Perspectives</i> , 2017, 125, 660-669.	2.8	27
56	Fundus Photography as a Convenient Tool to Study Microvascular Responses to Cardiovascular Disease Risk Factors in Epidemiological Studies. <i>Journal of Visualized Experiments</i> , 2014, , e51904.	0.2	25
57	Recent versus chronic fine particulate air pollution exposure as determinant of the retinal microvasculature in school children. <i>Environmental Research</i> , 2017, 159, 103-110.	3.7	24
58	Physiological changes induced in four bacterial strains following oxidative stress. <i>Applied Biochemistry and Microbiology</i> , 2006, 42, 369-377.	0.3	23
59	Gene expression profiles reveal distinct immunological responses of cobalt and cerium dioxide nanoparticles in two in vitro lung epithelial cell models. <i>Toxicology Letters</i> , 2014, 228, 157-169.	0.4	22
60	The AppNL-G-F mouse retina is a site for preclinical Alzheimer's disease diagnosis and research. <i>Acta Neuropathologica Communications</i> , 2021, 9, 6.	2.4	22
61	Negative effects of ultrafine particle exposure during forced exercise on the expression of Brain-Derived Neurotrophic Factor in the hippocampus of rats. <i>Neuroscience</i> , 2012, 223, 131-139.	1.1	21
62	Association Between Maternal Prepregnancy Body Mass Index and Anthropometric Parameters, Blood Pressure, and Retinal Microvasculature in Children Age 4 to 6 Years. <i>JAMA Network Open</i> , 2020, 3, e204662.	2.8	21
63	Endothelial function in patients with chronic obstructive pulmonary disease: a systematic review of studies using flow mediated dilatation. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 1-11.	1.0	20
64	Gene markers in dendritic cells unravel pieces of the skin sensitization puzzle. <i>Toxicology Letters</i> , 2010, 196, 95-103.	0.4	19
65	GLI2 promoter hypermethylation in saliva of children with a respiratory allergy. <i>Clinical Epigenetics</i> , 2018, 10, 50.	1.8	19
66	Personal NO2 and Volatile Organic Compounds Exposure Levels are Associated with Markers of Cardiovascular Risk in Women in the Cape Town Region of South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2284.	1.2	17
67	Systematic Comparison of Heatmapping Techniques in Deep Learning in the Context of Diabetic Retinopathy Lesion Detection. <i>Translational Vision Science and Technology</i> , 2020, 9, 64.	1.1	16
68	Metabolic targets of endocrine disrupting chemicals assessed by cord blood transcriptome profiling. <i>Reproductive Toxicology</i> , 2016, 65, 307-320.	1.3	15
69	Child's buccal cell mitochondrial DNA content modifies the association between heart rate variability and recent air pollution exposure at school. <i>Environment International</i> , 2019, 123, 39-49.	4.8	15
70	Retinal arteriolar and venular diameters are widened in patients with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 619-621.	1.0	15
71	Polycyclic Aromatic Hydrocarbons (PAHs) and Estrogenic Compounds in Experimental Flue Gas Streams. <i>Journal of Environmental Quality</i> , 2003, 32, 417-422.	1.0	14
72	Cerebellum Proteomics Addressing the Cognitive Deficit of Rats Perinatally Exposed to the Food-Relevant Polychlorinated Biphenyl 138. <i>Toxicological Sciences</i> , 2011, 123, 170-179.	1.4	14

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73	Looking into the eye of patients with chronic obstructive pulmonary disease: an opportunity for better microvascular profiling of these complex patients. <i>Acta Ophthalmologica</i> , 2018, 96, 539-549.	0.6	14
74	Personal exposure to NO ₂ and benzene in the Cape Town region of South Africa is associated with shorter leukocyte telomere length in women. <i>Environmental Research</i> , 2020, 182, 108993.	3.7	14
75	Characterization of the peripheral blood transcriptome in a repeated measures design using a panel of healthy individuals. <i>Genomics</i> , 2014, 103, 31-39.	1.3	13
76	Raman Spectroscopic Analysis of <i>Cupriavidus metallidurans</i> LMG 1195 (CH34) Cultured in Low-shear Microgravity Conditions. <i>Microgravity Science and Technology</i> , 2009, 21, 217-223.	0.7	12
77	Separate and Combined Effects of Hypoxia and Horizontal Bed Rest on Retinal Blood Vessel Diameters. , 2016, 57, 4927.		12
78	Treatment with a fixed dose combination antiretroviral therapy drug containing tenofovir, emtricitabine and efavirenz is associated with cardioprotection in high calorie diet-induced obese rats. <i>PLoS ONE</i> , 2018, 13, e0208537.	1.1	12
79	Altered Gene Expression in Dioxin-Like and Non-Dioxin-Like PCB Exposed Peripheral Blood Mononuclear Cells. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2090.	1.2	12
80	Hyperspectral Imaging and the Retina: Worth the Wave?. <i>Translational Vision Science and Technology</i> , 2020, 9, 9.	1.1	12
81	Transcriptomics identifies differences between ultrapure non-dioxin-like polychlorinated biphenyls (PCBs) and dioxin-like PCB126 in cultured peripheral blood mononuclear cells. <i>Toxicology</i> , 2011, 287, 113-123.	2.0	11
82	A smartphone-based solution to monitor daily physical activity in a care home. <i>Journal of Telemedicine and Telecare</i> , 2019, 25, 611-622.	1.4	11
83	Longitudinal association between psychosocial stress and retinal microvasculature in children and adolescents. <i>Psychoneuroendocrinology</i> , 2018, 92, 50-56.	1.3	10
84	Household Air Pollution Is Associated with Chronic Cough but Not Hemoptysis after Completion of Pulmonary Tuberculosis Treatment in Adults, Rural Eastern Democratic Republic of Congo. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2563.	1.2	10
85	Peripheral endothelial function is positively associated with maximal aerobic capacity in patients with chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2018, 142, 41-47.	1.3	10
86	Microvascular reactivity in rehabilitating cardiac patients based on measurements of retinal blood vessel diameters. <i>Microvascular Research</i> , 2019, 124, 25-29.	1.1	10
87	Association of Retinal Microvascular Characteristics With Short-term Memory Performance in Children Aged 4 to 5 Years. <i>JAMA Network Open</i> , 2020, 3, e2011537.	2.8	10
88	Children's microvascular traits and ambient air pollution exposure during pregnancy and early childhood: prospective evidence to elucidate the developmental origin of particle-induced disease. <i>BMC Medicine</i> , 2020, 18, 128.	2.3	10
89	Vascular effects of physical activity are not modified by short-term inhaled diesel exhaust: Results of a controlled human exposure study. <i>Environmental Research</i> , 2020, 183, 109270.	3.7	10
90	Physiological Changes Differ between Responders and Nonresponders to Pulmonary Rehabilitation in COPD. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1125-1133.	0.2	10

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91	Structural analysis of retinal blood vessels in patients with COPD during a pulmonary rehabilitation program. <i>Scientific Reports</i> , 2020, 10, 31.	1.6	9
92	Vascular function and cardiovascular risk in a HIV infected and HIV free cohort of African ancestry: baseline profile, rationale and methods of the longitudinal EndoAfrica-NWU study. <i>BMC Infectious Diseases</i> , 2020, 20, 473.	1.3	9
93	Retinal microvascular complexity comparing mono- and multifractal dimensions in relation to cardiometabolic risk factors in a Middle Eastern population. <i>Acta Ophthalmologica</i> , 2021, 99, e368-e377.	0.6	8
94	Relationship between Endothelial Function, Antiretroviral Treatment and Cardiovascular Risk Factors in HIV Patients of African Descent in South Africa: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 392.	1.0	8
95	Cultured human peripheral blood mononuclear cells alter their gene expression when challenged with endocrine-disrupting chemicals. <i>Toxicology</i> , 2013, 303, 17-24.	2.0	7
96	Box-Jenkins Transfer Function Modelling for Reliable Determination of VO ₂ Kinetics in Patients with COPD. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1822.	1.3	7
97	Retinal vessel multifractals predict pial collateral status in patients with acute ischemic stroke. <i>PLoS ONE</i> , 2022, 17, e0267837.	1.1	7
98	Perspectives for environment and health research in Horizon 2020: Dark ages or golden era?. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 891-896.	2.1	6
99	Children's screen time alters the expression of saliva extracellular miR-222 and miR-146a. <i>Scientific Reports</i> , 2018, 8, 8209.	1.6	6
100	Vascular health assessment with flow-mediated dilatation and retinal image analysis: a pilot study in an adult population from Cape Town. <i>Cardiovascular Journal of Africa</i> , 2021, 32, 23-30.	0.2	6
101	Perinatal Exposure to Purity-Controlled Polychlorinated Biphenyl 52, 138, or 180 Alters Toxicogenomic Profiles in Peripheral Blood of Rats after 4 Months. <i>Chemical Research in Toxicology</i> , 2013, 26, 1159-1167.	1.7	5
102	HIV/AIDS: Emerging threat to cardiovascular health in sub-Saharan Africa. <i>South African Medical Journal</i> , 2016, 106, 537.	0.2	5
103	Kinetic analyses as a tool to examine physiological exercise responses in a large sample of patients with COPD. <i>Journal of Applied Physiology</i> , 2020, 128, 813-821.	1.2	5
104	Establishing reference values for macro- and microvascular measurements in 4-to-5 year-old children of the ENVIRONAGE prospective birth cohort. <i>Scientific Reports</i> , 2020, 10, 5107.	1.6	5
105	Assessment of the Estrogenic Activity of Flue Gases from Burning Processes by Means of the Yeast Based Human Estrogen Receptor (hER) Bioassay. <i>Environmental Technology (United Kingdom)</i> , 2002, 23, 287-291.	1.2	4
106	DNA methylation and the hygiene hypothesis: connecting respiratory allergy and childhood acute lymphoblastic leukemia. <i>Epigenomics</i> , 2019, 11, 1519-1537.	1.0	4
107	Retinal microvascular development in the first two years. <i>Microvascular Research</i> , 2019, 125, 103875.	1.1	3
108	Editorial: The Effects of Climate Change and Environmental Factors on Exercising Children and Youth. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 690171.	0.9	3

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109	HIV and Antiretroviral Therapy Are Independently Associated with Cardiometabolic Variables and Cardiac Electrical Activity in Adults from the Western Cape Region of South Africa. <i>Journal of Clinical Medicine</i> , 2021, 10, 4112.	1.0	3
110	Age-related changes in the fractal dimension of the retinal microvasculature, effects of cardiovascular risk factors and smoking behaviour. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	3
111	Placental DNA methylation as a proxy for fetal neurodevelopment and sex-specific associations with in utero particulate air pollution. <i>Archives of Public Health</i> , 2015, 73, .	1.0	2
112	Cardiovascular health and flow-mediated dilatation (FMD) in a South African cohort of HIV-infected participants-findings from the endoAfrica study. <i>Atherosclerosis</i> , 2017, 263, e141.	0.4	2
113	DNA hypomethylation in association with internal and external markers of traffic exposure in a panel of healthy adults. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 673-681.	1.5	2
114	Skin auto-fluorescence as a measure of advanced glycation end-products is associated with microvascular health in patients with COPD. <i>Microvascular Research</i> , 2020, 132, 104053.	1.1	2
115	Denser Retinal Microvascular Network Is Inversely Associated With Behavioral Outcomes and Sustained Attention in Children. <i>Frontiers in Neurology</i> , 2021, 12, 547033.	1.1	2
116	Microvascular responses in association with recent and chronic exposure to particulate air pollution in school children. <i>Archives of Public Health</i> , 2015, 73, .	1.0	1
117	Determinants of endothelial function in a cohort of HIV-infected and HIV-free participants: The role of cardiovascular risk factors, biomarkers of inflammation and HIV-dependent parameters. <i>Atherosclerosis</i> , 2018, 275, e127.	0.4	1
118	The Prevalence of Undiagnosed Age-Related Sight-Threatening Diseases in Self-Proclaimed Healthy Individuals. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-10.	0.6	1
119	Analysis of retinal blood vessel diameters in patients with COPD undergoing a pulmonary rehabilitation program. <i>Microvascular Research</i> , 2022, 139, 104238.	1.1	1
120	Multi-night continuous nocturnal oxygen saturation measurements in patients with COPD. , 2018, , .		1
121	Box-Jenkins transfer function modelling for accurate determination of VO2 kinetics in COPD patients. , 2019, , .		1
122	Comparison of endothelial function and cardiometabolic profiles of people living with HIV in two South African regions: the EndoAfrica study. <i>Cardiovascular Journal of Africa</i> , 2022, 33, 17-22.	0.2	1
123	Pathway analysis of dendritic cell markers for skin sensitization. <i>Toxicology Letters</i> , 2008, 180, S109-S110.	0.4	0
124	Impact of engineered nanoparticles on immune-related genes and processes in human alveolar epithelial cells. <i>Toxicology Letters</i> , 2009, 189, S186.	0.4	0
125	Gene expression profiling in rat cerebellum and striatum following in utero and lactational exposure to non-dioxin-like polychlorinated biphenyls. <i>Toxicology Letters</i> , 2009, 189, S149-S150.	0.4	0
126	Changes in miRNA expression and retinal blood vessels are associated with short-term air pollution exposure.. <i>Archives of Public Health</i> , 2015, 73, .	1.0	0

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127	Screening for diabetic retinopathy with a deep learning network: Evaluation of retinal images from the Qatar Biobank. , 2018, , .		0
128	How hyperspectral imaging and artificial intelligence transform Alzheimerâ€™s diagnosis. Spectroscopy Europe, 0, , 18.	0.0	0
129	LATE-BREAKING ABSTRACT: Lung function is associated with air pollution in healthy adults. , 2016, , .		0
130	A child's spit epigenome can reveal its respiratory allergy risk. , 2016, , .		0
131	Retinal image analysis in patients with COPD. , 2017, , .		0
132	Retinal blood vessel analysis using IFLEXIS software on fundus images from the Qatar Biobank. , 2018, , .		0
133	Retinal blood vessel analysis using IFLEXIS software on fundus images from the Qatar Biobank. , 2018, , .		0
134	Respiratory Health Effects of Black Carbon and Physical Activity Depend on Baseline Exposure Levels. ISEE Conference Abstracts, 2018, 2017, 726.	0.0	0
135	Exposure to Black Carbon and Acute Subclinical Health Effects: Results from a Panel Study in Three European Cities. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
136	Cardiovascular Profile of South African Adults with Low-Level Viremia during Antiretroviral Therapy. Journal of Clinical Medicine, 2022, 11, 2812.	1.0	0