

João Fernandes

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101
papers

43,937
citations

46
h-index

104
g-index

104
ext. papers

58,339
ext. citations

14.3
avg, IF

5.37
L-index

#	Paper	IF	Citations
101	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1789-1858	40	4524
100	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1545-1602	40	3801
99	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1459-1544	40	3525
98	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	40	3432
97	Health Effects of Overweight and Obesity in 195 Countries over 25 Years. <i>New England Journal of Medicine</i> , 2017 , 377, 13-27	59.2	3027
96	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	40	2850
95	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	40	2542
94	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-years for 32 Cancer Groups, 1990 to 2015: A Systematic Analysis for the Global Burden of Disease Study. <i>JAMA Oncology</i> , 2017 , 3, 524-548	13.4	2394
93	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	40	1964
92	Health effects of dietary risks in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2019 , 393, 1958-1972	40	1479
91	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1345-1422	40	1378
90	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	40	1283
89	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1603-1658	40	1216
88	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	40	1152
87	Global, regional, and national burden of chronic kidney disease, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020 , 395, 709-733	40	1021
86	Global Burden of Hypertension and Systolic Blood Pressure of at Least 110 to 115 mm Hg, 1990-2015. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 317, 165-182	27.4	957
85	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	40	483

84	Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1775-1812	40	476
83	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 17-30	18.8	448
82	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1084-1150	40	421
81	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1725-1774	40	413
80	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. <i>Lancet HIV,the</i> , 2016 , 3, e361-e387	7.8	382
79	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 391, 2236-2271	40	381
78	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2017 , 390, 231-266	40	352
77	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1813-1850	40	302
76	Effect of whey protein purity and glycerol content upon physical properties of edible films manufactured therefrom. <i>Food Hydrocolloids</i> , 2013 , 30, 110-122	10.6	282
75	Atomic force microscopy study of the antibacterial effects of chitosans on Escherichia coli and Staphylococcus aureus. <i>Ultramicroscopy</i> , 2008 , 108, 1128-34	3.1	250
74	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
73	Child and Adolescent Health From 1990 to 2015: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. <i>JAMA Pediatrics</i> , 2017 , 171, 573-592	8.3	216
72	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
71	Antimicrobial effects of chitosans and chitoooligosaccharides, upon Staphylococcus aureus and Escherichia coli, in food model systems. <i>Food Microbiology</i> , 2008 , 25, 922-8	6	201
70	The Burden of Cardiovascular Diseases Among US States, 1990-2016. <i>JAMA Cardiology</i> , 2018 , 3, 375-389	16.2	184
69	The global, regional, and national burden of stomach cancer in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 42-54	18.8	184
68	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 913-933	18.8	144
67	Edible films and coatings from whey proteins: a review on formulation, and on mechanical and bioactive properties. <i>Critical Reviews in Food Science and Nutrition</i> , 2012 , 52, 533-52	11.5	129

66	Global Cardiovascular and Renal Outcomes of Reduced GFR. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2167-2179	12.7	127
65	Features and performance of edible films, obtained from whey protein isolate formulated with antimicrobial compounds. <i>Food Research International</i> , 2012 , 45, 351-361	7	104
64	Anti-inflammatory activity of chitoooligosaccharides in vivo. <i>Marine Drugs</i> , 2010 , 8, 1763-8	6	88
63	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019 , 574, 353-358.4	58.4	87
62	Evaluation of antimicrobial edible coatings from a whey protein isolate base to improve the shelf life of cheese. <i>Journal of Dairy Science</i> , 2012 , 95, 6282-92	4	83
61	Effects of olive oil polyphenols on erythrocyte oxidative damage. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 609-16	5.9	82
60	Study of the antibacterial effects of chitosans on <i>Bacillus cereus</i> (and its spores) by atomic force microscopy imaging and nanoindentation. <i>Ultramicroscopy</i> , 2009 , 109, 854-60	3.1	67
59	In vitro screening for anti-microbial activity of chitosans and chitoooligosaccharides, aiming at potential uses in functional textiles. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 311-8	3.3	61
58	Antioxidant activity of chitoooligosaccharides upon two biological systems: Erythrocytes and bacteriophages. <i>Carbohydrate Polymers</i> , 2010 , 79, 1101-1106	10.3	58
57	Biocompatibility and hemocompatibility of polyvinyl alcohol hydrogel used for vascular grafting--In vitro and in vivo studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 4262-75	5.4	54
56	Early cardiac changes in a rat model of prediabetes: brain natriuretic peptide overexpression seems to be the best marker. <i>Cardiovascular Diabetology</i> , 2013 , 12, 44	8.7	50
55	Effects of chitoooligosaccharides on human red blood cell morphology and membrane protein structure. <i>Biomacromolecules</i> , 2008 , 9, 3346-52	6.9	46
54	Powerful protective role of 3,4-dihydroxyphenylethanol-elenolic acid dialdehyde against erythrocyte oxidative-induced hemolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 135-40	5.7	44
53	Antimicrobial activity of edible coatings prepared from whey protein isolate and formulated with various antimicrobial agents. <i>International Dairy Journal</i> , 2012 , 25, 132-141	3.5	42
52	Study of antimicrobial activity and atomic force microscopy imaging of the action mechanism of cashew tree gum. <i>Carbohydrate Polymers</i> , 2012 , 90, 270-4	10.3	38
51	Inhibition of bladder tumor growth by chitoooligosaccharides in an experimental carcinogenesis model. <i>Marine Drugs</i> , 2012 , 10, 2661-75	6	37
50	Safety profile of solid lipid nanoparticles loaded with rosmarinic acid for oral use: in vitro and animal approaches. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3621-40	7.3	34
49	High Fasting Plasma Glucose, Diabetes, and Its Risk Factors in the Eastern Mediterranean Region, 1990-2013: Findings From the Global Burden of Disease Study 2013. <i>Diabetes Care</i> , 2017 , 40, 22-29	14.6	33

48	Risk factors for mortality in hemodialysis patients: two-year follow-up study. <i>Disease Markers</i> , 2013 , 35, 791-8	3.2	31
47	Protective activity of hydroxytyrosol metabolites on erythrocyte oxidative-induced hemolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 6636-42	5.7	30
46	Reactivation of wild-type and mutant p53 by tryptophan-derived oxazoloisoindolinone SLMP53-1, a novel anticancer small-molecule. <i>Oncotarget</i> , 2016 , 7, 4326-43	3.3	30
45	Therapeutic application of antibody fragments in autoimmune diseases: current state and prospects. <i>Drug Discovery Today</i> , 2018 , 23, 1996-2002	8.8	29
44	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021 , 398, 503-521	4.0	29
43	Protective effect of <i>C. sativa</i> leaf extract against UV mediated-DNA damage in a human keratinocyte cell line. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 144, 28-34	6.7	28
42	Effect of composition of commercial whey protein preparations upon gelation at various pH values. <i>Food Research International</i> , 2012 , 48, 681-689	7	28
41	Iron-hepcidin dysmetabolism, anemia and renal hypoxia, inflammation and fibrosis in the remnant kidney rat model. <i>PLoS ONE</i> , 2015 , 10, e0124048	3.7	23
40	Transition from cyclosporine-induced renal dysfunction to nephrotoxicity in an in vivo rat model. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 8979-97	6.3	21
39	Apoptosis of peripheral CD4(+) T-lymphocytes in end-stage renal disease patients under hemodialysis and rhEPO therapies. <i>Renal Failure</i> , 2011 , 33, 138-43	2.9	21
38	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020 , 26, 750-759	50.5	21
37	Cytotoxicity and genotoxicity of chitoooligosaccharides upon lymphocytes. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 433-8	7.9	19
36	The antimicrobial effect of wine on <i>Listeria innocua</i> in a model stomach system. <i>Food Control</i> , 2007 , 18, 1477-1483	6.2	18
35	The effect of olive leaf supplementation on the constituents of blood and oxidative stability of red blood cells. <i>Journal of Functional Foods</i> , 2014 , 9, 271-279	5.1	17
34	Predictors of health-related quality of life perceived by end-stage renal disease patients under online hemodiafiltration. <i>Quality of Life Research</i> , 2015 , 24, 1327-35	3.7	16
33	Body fat percentage is a major determinant of total bilirubin independently of UGT1A1*28 polymorphism in young obese. <i>PLoS ONE</i> , 2014 , 9, e98467	3.7	16
32	Type of vascular access and location in online hemodiafiltration and its association with patient's perception of health-related quality of life. <i>Journal of Vascular Access</i> , 2014 , 15, 175-82	1.8	15
31	Animal model of implant capsular contracture: effects of chitosan. <i>Aesthetic Surgery Journal</i> , 2011 , 31, 540-50	2.4	15

30	Plant aqueous extracts: Antioxidant capacity via haemolysis and bacteriophage P22 protection. <i>Food Control</i> , 2010 , 21, 633-638	6.2	13
29	Evaluation of chitooligosaccharides effect upon probiotic bacteria. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 148-52	7.9	12
28	The Protective Role of Adiponectin for Lipoproteins in End-Stage Renal Disease Patients: Relationship with Diabetes and Body Mass Index. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 3021785	6.7	10
27	Circulating cell-free DNA levels in hemodialysis patients and its association with inflammation, iron metabolism, and rEPO doses. <i>Hemodialysis International</i> , 2013 , 17, 664-7	1.7	10
26	Aging is Associated with Impaired Renal Function, INF-gamma Induced Inflammation and with Alterations in Iron Regulatory Proteins Gene Expression 2014 , 5, 356-65		10
25	Conversion to sirolimus ameliorates cyclosporine-induced nephropathy in the rat: focus on serum, urine, gene, and protein renal expression biomarkers. <i>BioMed Research International</i> , 2014 , 2014, 576929 ³		9
24	Effectiveness of interpretive front-of-pack nutritional labelling schemes on the promotion of healthier food choices: a systematic review. <i>International Journal of Evidence-Based Healthcare</i> , 2020 , 18, 24-37	2.6	9
23	Effects of the olive oil phenol metabolite 3,4-DHPEA-EDA ₂ on human erythrocyte oxidative damage. <i>Food and Function</i> , 2015 , 6, 2350-6	6.1	8
22	Liver iron is a major regulator of hepcidin gene expression via BMP/SMAD pathway in a rat model of chronic renal failure under treatment with high rHuEPO doses. <i>BioFactors</i> , 2016 , 42, 296-306	6.1	8
21	Pathological and molecular mechanisms underlying resistance to recombinant human erythropoietin therapy in the remnant kidney rat model of chronic kidney disease associated anemia. <i>Biochimie</i> , 2016 , 125, 150-62	4.6	7
20	Long Pentraxin 3 as a Broader Biomarker for Multiple Risk Factors in End-Stage Renal Disease: Association with All-Cause Mortality. <i>Mediators of Inflammation</i> , 2019 , 2019, 3295725	4.3	6
19	Body mass index and resistance to recombinant human erythropoietin therapy in maintenance hemodialysis patients. <i>Renal Failure</i> , 2013 , 35, 1392-8	2.9	6
18	Resistance to Recombinant Human Erythropoietin Therapy in a Rat Model of Chronic Kidney Disease Associated Anemia. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	6
17	Recombinant human erythropoietin-induced erythropoiesis regulates hepcidin expression over iron status in the rat. <i>Blood Cells, Molecules, and Diseases</i> , 2016 , 59, 63-70	2.1	5
16	Effect of Aging in the Perception of Health-Related Quality of Life in End-Stage Renal Disease Patients under Online-Hemodiafiltration 2015 , 6, 17-26		4
15	Iron as the key modulator of hepcidin expression in erythroid antibody-mediated hypoplasia. <i>BioMed Research International</i> , 2014 , 2014, 421304	3	4
14	Cytotoxic and genotoxic effects of acitretin, alone or in combination with psoralen-ultraviolet A or narrow-band ultraviolet B-therapy in psoriatic patients. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 753, 42-7	3	4
13	Recent Patents on Heat Shock Proteins Targeting Antibodies. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2017 , 12, 48-54	2.6	4

12	Renal risk-benefit determinants of recombinant human erythropoietin therapy in the remnant kidney rat model - hypertension, anaemia, inflammation and drug dose. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 343-54	3	4
11	Impaired renal endothelial nitric oxide synthase and reticulocyte production as modulators of hypertension induced by rHuEPO in the rat. <i>Life Sciences</i> , 2016 , 151, 147-156	6.8	4
10	Hepcidin and diabetes are independently related with soluble transferrin receptor levels in chronic dialysis patients. <i>Renal Failure</i> , 2019 , 41, 662-672	2.9	3
9	Phytosterols and Novel Triterpenes Recovered from Industrial Fermentation Coproducts Exert In Vitro Anti-Inflammatory Activity in Macrophages. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
8	From Sharks to Yeasts: Squalene in the Development of Vaccine Adjuvants.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	3
7	Major determinants of BMP-2 serum levels in hemodialysis patients. <i>Renal Failure</i> , 2012 , 34, 1355-8	2.9	2
6	In vitro studies with acatalasemic-like erythrocytes and hydrogen peroxide: attention to the formation of lysis resistant erythrocytes. <i>International Journal of Laboratory Hematology</i> , 2010 , 32, 127-31	2.5	2
5	Novel Micro- and Nanocellulose-Based Delivery Systems for Liposoluble Compounds. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
4	Looking Ahead: Health Impact Assessment of Front-Of-Pack Nutrition Labelling Schema as a Public Health Measure. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
3	The in vitro and in vivo genotoxicity of isotretinoin assessed by cytokinesis blocked micronucleus assay and comet assay. <i>Toxicology in Vitro</i> , 2013 , 27, 900-7	3.6	1
2	SP313LIVER IRON IS A MAJOR REGULATOR OF HEPCIDIN GENE EXPRESSION VIA BMP/SMAD PATHWAY IN A RAT MODEL OF CHRONIC RENAL FAILURE UNDER TREATMENT WITH HIGH rHuEPO DOSES. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i194-i194	4.3	1
1	Unravelling data for rapid evidence-based response to COVID-19: a summary of the unCoVer protocol. <i>BMJ Open</i> , 2021 , 11, e055630	3	0