

# João Pedro Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

56,710  
citations

66343

42  
h-index

60623

81  
g-index

90  
all docs

90  
docs citations

90  
times ranked

69973  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	8,569
2	Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1204-1222.	13.7	7,664
3	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.	13.7	5,578
4	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.	13.7	4,989
5	Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	13.7	3,928
6	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.	13.7	3,565
7	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.	13.7	3,269
8	Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 459-480.	10.2	2,625
9	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.	13.7	2,123
10	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.	13.7	1,879
11	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.	13.7	1,589
12	Global, regional, and national burden of Alzheimer's disease and other dementias, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 88-106.	10.2	1,512
13	Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019. <i>Lancet Public Health, The</i> , 2022, 7, e105-e125.	10.0	1,199
14	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019, 18, 56-87.	10.2	1,064
15	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.	13.7	716
16	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.	13.7	638
17	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 397, 2337-2360.	13.7	609
18	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.	13.7	573

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19	Global, regional, and national burden of suicide mortality 1990 to 2016: systematic analysis for the Global Burden of Disease Study 2016. <i>BMJ: British Medical Journal</i> , 2019, 364, l94.	2.3	558
20	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.	13.7	335
21	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	13.7	335
22	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1250-1284.	13.7	330
23	Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018, 392, 1995-2051.	13.7	294
24	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.	13.7	284
25	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021, 398, 870-905.	13.7	229
26	Wound healing activity of the human antimicrobial peptide LL37. <i>Peptides</i> , 2011, 32, 1469-1476.	2.4	203
27	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
28	Global, regional, and national burden of tuberculosis, 1990–2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. <i>Lancet Infectious Diseases, The</i> , 2018, 18, 1329-1349.	9.1	144
29	Bacterial cellulose-lactoferrin as an antimicrobial edible packaging. <i>Food Hydrocolloids</i> , 2016, 58, 126-140.	10.7	117
30	Studies on the hemocompatibility of bacterial cellulose. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 554-566.	4.0	106
31	Oxidative DNA damage protection and repair by polyphenolic compounds in PC12 cells. <i>European Journal of Pharmacology</i> , 2008, 601, 50-60.	3.5	99
32	Laccase immobilization on bacterial nanocellulose membranes: Antimicrobial, kinetic and stability properties. <i>Carbohydrate Polymers</i> , 2016, 145, 1-12.	10.2	90
33	Hemocompatibility study of a bacterial cellulose/polyvinyl alcohol nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 493-502.	5.0	82
34	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016, 235, 112-124.	9.9	80
35	The burden of mental disorders, substance use disorders and self-harm among young people in Europe, 1990–2019: Findings from the Global Burden of Disease Study 2019. <i>Lancet Regional Health - Europe, The</i> , 2022, 16, 100341.	5.6	70
36	Antimicrobial peptides as novel anti-tuberculosis therapeutics. <i>Biotechnology Advances</i> , 2016, 34, 924-940.	11.7	66

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37	Improved burn wound healing by the antimicrobial peptide LLKKK18 released from conjugates with dextrin embedded in a carbopol gel. <i>Acta Biomaterialia</i> , 2015, 26, 249-262.	8.3	63
38	Bacterial Cellulose As a Support for the Growth of Retinal Pigment Epithelium. <i>Biomacromolecules</i> , 2015, 16, 1341-1351.	5.4	57
39	Global and regional burden of chronic respiratory disease in 2016 arising from non-infectious airborne occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016. <i>Occupational and Environmental Medicine</i> , 2020, 77, 142-150.	2.8	56
40	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12200.	3.7	53
41	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990–2019: results from the Global Burden of Disease Study 2019. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 222-241.	9.1	53
42	Neuronal cells™ behavior on polypyrrole coated bacterial nanocellulose three-dimensional (3D) scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1368-1377.	3.5	51
43	Release of insulin from PLGA–alginate dressing stimulates regenerative healing of burn wounds in rats. <i>Clinical Science</i> , 2015, 129, 1115-1129.	4.3	48
44	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i12-i26.	2.4	44
45	Production and Characterization of a New Bacterial Cellulose/Poly(Vinyl Alcohol) Nanocomposite. <i>Materials</i> , 2013, 6, 1956-1966.	2.9	40
46	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 1-9.	5.0	39
47	Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet Public Health</i> , The, 2021, 6, e482-e499.	10.0	38
48	Evading death by vacuum. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	33
49	The synthetic cannabinoid XLR-11 induces in vitro nephrotoxicity by impairment of endocannabinoid-mediated regulation of mitochondrial function homeostasis and triggering of apoptosis. <i>Toxicology Letters</i> , 2018, 287, 59-69.	0.8	32
50	Large pseudoscalar Yukawa couplings in the complex 2HDM. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
51	Oxidative stress protection by newly synthesized nitrogen compounds with pharmacological potential. <i>Life Sciences</i> , 2006, 78, 1256-1267.	4.3	29
52	Synthetic cannabinoids and their impact on neurodevelopmental processes. <i>Addiction Biology</i> , 2020, 25, e12824.	2.6	29
53	Epigenetics and the endocannabinoid system signaling: An intricate interplay modulating neurodevelopment. <i>Pharmacological Research</i> , 2020, 162, 105237.	7.1	27
54	The Burden of Dementia due to Down Syndrome, Parkinson™s Disease, Stroke, and Traumatic Brain Injury: A Systematic Analysis for the Global Burden of Disease Study 2019. <i>Neuroepidemiology</i> , 2021, 55, 286-296.	2.3	24

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55	The new psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone) induces oxidative stress, apoptosis, and autophagy in primary rat hepatocytes at human-relevant concentrations. <i>Archives of Toxicology</i> , 2019, 93, 2617-2634.	4.2	21
56	Protective role of new nitrogen compounds on ROS/RNS-mediated damage to PC12 cells. <i>Free Radical Research</i> , 2008, 42, 57-69.	3.3	20
57	Inhalation of Bacterial Cellulose Nanofibrils Triggers an Inflammatory Response and Changes Lung Tissue Morphology of Mice. <i>Toxicological Research</i> , 2019, 35, 45-63.	2.1	19
58	Nitrogen Compounds Prevent H9c2 Myoblast Oxidative Stress-Induced Mitochondrial Dysfunction and Cell Death. <i>Cardiovascular Toxicology</i> , 2010, 10, 51-65.	2.7	18
59	Endogenous cathelicidin production limits inflammation and protective immunity to <i>Mycobacterium avium</i> in mice. <i>Immunity, Inflammation and Disease</i> , 2014, 2, 1-12.	2.7	18
60	Synthetic Cannabinoids JWH-122 and THJ-2201 Disrupt Endocannabinoid-Regulated Mitochondrial Function and Activate Apoptotic Pathways as a Primary Mechanism of In Vitro Nephrotoxicity at In Vivo Relevant Concentrations. <i>Toxicological Sciences</i> , 2019, 169, 422-435.	3.1	18
61	Modifying Fish Gelatin Electrospun Membranes for Biomedical Applications: Cross-Linking and Swelling Behavior. <i>Soft Materials</i> , 2014, 12, 247-252.	1.7	16
62	The Synthetic Cannabinoids THJ-2201 and 5F-PB22 Enhance In Vitro CB1 Receptor-Mediated Neuronal Differentiation at Biologically Relevant Concentrations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6277.	4.1	16
63	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , 2021, 14, 186.	3.8	16
64	Processing and characterization of $\pm$ -elastin electrospun membranes. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1291-1298.	2.3	12
65	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. <i>Drug and Alcohol Dependence</i> , 2020, 212, 108045.	3.2	12
66	Antioxidant activity of synthetic diarylamines: A mitochondrial and cellular approach. <i>Mitochondrion</i> , 2009, 9, 17-26.	3.4	11
67	Emerging club drugs: 5-(2-aminopropyl)benzofuran (5-APB) is more toxic than its isomer 6-(2-aminopropyl)benzofuran (6-APB) in hepatocyte cellular models. <i>Archives of Toxicology</i> , 2020, 94, 609-629.	4.2	11
68	Novel nitrogen compounds enhance protection and repair of oxidative DNA damage in a neuronal cell model: Comparison with quercetin. <i>Chemico-Biological Interactions</i> , 2009, 181, 328-337.	4.0	9
69	Dextrin-Based Nanomagnetogel: In Vivo Biodistribution and Stability. <i>Bioconjugate Chemistry</i> , 2015, 26, 699-706.	3.6	9
70	New Nitrogen Compounds Coupled to Phenolic Units with Antioxidant and Antifungal Activities: Synthesis and Structure-Activity Relationship. <i>Molecules</i> , 2018, 23, 2530.	3.8	9
71	Phenolic Imidazole Derivatives with Dual Antioxidant/Antifungal Activity: Synthesis and Structure-Activity Relationship. <i>Medicinal Chemistry</i> , 2019, 15, 341-351.	1.5	9
72	Molecular basis of mood and cognitive adverse events elucidated via a combination of pharmacovigilance data mining and functional enrichment analysis. <i>Archives of Toxicology</i> , 2020, 94, 2829-2845.	4.2	7

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73	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. <i>Toxicology</i> , 2021, 463, 152988.	4.2	7
74	Biodistribution and metabolic profile of 3,4-dimethylmethcathinone (3,4-DMMC) in Wistar rats through gas chromatography–mass spectrometry (GC–MS) analysis. <i>Toxicology Letters</i> , 2020, 320, 113-123.	0.8	6
75	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. <i>Archives of Toxicology</i> , 2021, 95, 1443-1462.	4.2	6
76	Adenoma incidence decreases under the effect of polypectomy. <i>World Journal of Gastroenterology</i> , 2012, 18, 1243.	3.3	5
77	EGCG Prevents the Loss of Pontine Noradrenergic Neurons Induced by Diabetes: A Role in Diabetic Neuropathic Pain. <i>Microscopy and Microanalysis</i> , 2012, 18, 5-6.	0.4	4
78	Neurotoxicity of psychoactive substances: A mechanistic overview. <i>Current Opinion in Toxicology</i> , 2021, 28, 76-83.	5.0	4
79	In vitro nephrotoxicity of synthetic cannabinoids. <i>Toxicology Letters</i> , 2017, 280, S137.	0.8	2
80	Cannabinoids and psychosis: current challenges of mechanistic toxicology. , 2021, , 601-615.		2
81	Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro. <i>Toxicology</i> , 2021, 463, 152986.	4.2	2
82	First record of <i>Algarvia alba</i> Garc�a-G�mez and Cervera, 1989 (Gastropoda: Heterobranchia) outside the type locality. <i>Marine Biodiversity</i> , 2016, 46, 7-8.	1.0	1
83	Synthetic cannabinoids enhance neuronal differentiation in neuroblastoma cells at in vivo relevant concentrations. <i>Toxicology Letters</i> , 2018, 295, S267.	0.8	0
84	Drugs of Abuse and Kidney Toxicity. <i>Current Opinion in Toxicology</i> , 2022, , 100360.	5.0	0