

# João Pedro Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

56,710  
citations

76031

42  
h-index

68831

81  
g-index

90  
all docs

90  
docs citations

90  
times ranked

74767  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.6	53
2	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</i> , The, 2022, 7, e105-e125.	4.7	1,199
3	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</i> , The, 2022, 16, 100341.	3.0	70
4	Drugs of Abuse and Kidney Toxicity. <i>Current Opinion in Toxicology</i> , 2022, , 100360.	2.6	0
5	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.	1.8	53
6	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , 2021, 14, 186.	1.7	16
7	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. <i>Archives of Toxicology</i> , 2021, 95, 1443-1462.	1.9	6
8	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.	4.7	38
9	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</i> , The, 2021, 397, 2337-2360.	6.3	609
10	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</i> , The, 2021, 398, 870-905.	6.3	229
11	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.	1.1	24
12	Cannabinoids and psychosis: current challenges of mechanistic toxicology. , 2021, , 601-615.		2
13	Neurotoxicity of psychoactive substances: A mechanistic overview. <i>Current Opinion in Toxicology</i> , 2021, 28, 76-83.	2.6	4
14	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. <i>Toxicology</i> , 2021, 463, 152988.	2.0	7
15	Polychlorinated environmental toxicants affect sphingolipid metabolism during neurogenesis in vitro. <i>Toxicology</i> , 2021, 463, 152986.	2.0	2
16	Synthetic cannabinoids and their impact on neurodevelopmental processes. <i>Addiction Biology</i> , 2020, 25, e12824.	1.4	29
17	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.	0.4	6
18	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.	1.9	11

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19	Epigenetics and the endocannabinoid system signaling: An intricate interplay modulating neurodevelopment. <i>Pharmacological Research</i> , 2020, 162, 105237.	3.1	27
20	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.	6.3	7,664
21	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.	6.3	3,928
22	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
23	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.	1.8	16
24	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.	6.3	330
25	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. <i>Drug and Alcohol Dependence</i> , 2020, 212, 108045.	1.6	12
26	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.	1.9	7
27	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.	1.3	56
28	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.	1.2	44
29	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	13.7	161
30	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.	1.9	21
31	Inhalation of Bacterial Cellulose Nanofibrils Triggers an Inflammatory Response and Changes Lung Tissue Morphology of Mice. <i>Toxicological Research</i> , 2019, 35, 45-63.	1.1	19
32	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.	4.9	2,625
33	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.	1.4	18
34	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.	2.4	558
35	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.	4.9	1,512
36	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.	4.9	1,064

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37	Phenolic Imidazole Derivatives with Dual Antioxidant/Antifungal Activity: Synthesis and Structure-Activity Relationship. <i>Medicinal Chemistry</i> , 2019, 15, 341-351.	0.7	9
38	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.	0.4	32
39	Synthetic cannabinoids enhance neuronal differentiation in neuroblastoma cells at in vivo relevant concentrations. <i>Toxicology Letters</i> , 2018, 295, S267.	0.4	0
40	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.	6.3	716
41	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.	6.3	4,989
42	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.	6.3	3,269
43	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.	6.3	294
44	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.	6.3	8,569
45	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.	6.3	335
46	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.	6.3	2,123
47	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.	4.6	144
48	New Nitrogen Compounds Coupled to Phenolic Units with Antioxidant and Antifungal Activities: Synthesis and Structure–Activity Relationship. <i>Molecules</i> , 2018, 23, 2530.	1.7	9
49	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.	6.3	638
50	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.	6.3	573
51	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.	6.3	1,589
52	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.	6.3	3,565
53	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.	6.3	5,578
54	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.	6.3	1,879

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55	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.	6.3	284
56	In vitro nephrotoxicity of synthetic cannabinoids. <i>Toxicology Letters</i> , 2017, 280, S137.	0.4	2
57	Antimicrobial peptides as novel anti-tuberculosis therapeutics. <i>Biotechnology Advances</i> , 2016, 34, 924-940.	6.0	66
58	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016, 235, 112-124.	4.8	80
59	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.	0.3	1
60	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.	2.5	39
61	Bacterial cellulose-lactoferrin as an antimicrobial edible packaging. <i>Food Hydrocolloids</i> , 2016, 58, 126-140.	5.6	117
62	Laccase immobilization on bacterial nanocellulose membranes: Antimicrobial, kinetic and stability properties. <i>Carbohydrate Polymers</i> , 2016, 145, 1-12.	5.1	90
63	Release of insulin from PLGA alginate dressing stimulates regenerative healing of burn wounds in rats. <i>Clinical Science</i> , 2015, 129, 1115-1129.	1.8	48
64	Large pseudoscalar Yukawa couplings in the complex 2HDM. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
65	Dextrin-Based Nanomagnetogel: In Vivo Biodistribution and Stability. <i>Bioconjugate Chemistry</i> , 2015, 26, 699-706.	1.8	9
66	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.	4.1	63
67	Bacterial Cellulose As a Support for the Growth of Retinal Pigment Epithelium. <i>Biomacromolecules</i> , 2015, 16, 1341-1351.	2.6	57
68	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.	1.3	18
69	Processing and characterization of $\beta$ -elastin electrospun membranes. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 1291-1298.	1.1	12
70	Modifying Fish Gelatin Electrospun Membranes for Biomedical Applications: Cross-Linking and Swelling Behavior. <i>Soft Materials</i> , 2014, 12, 247-252.	0.8	16
71	Evading death by vacuum. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	33
72	Hemocompatibility study of a bacterial cellulose/polyvinyl alcohol nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 493-502.	2.5	82

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73	Neuronal cells™ behavior on polypyrrole coated bacterial nanocellulose three-dimensional (3D) scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1368-1377.	1.9	51
74	Production and Characterization of a New Bacterial Cellulose/Poly(Vinyl Alcohol) Nanocomposite. <i>Materials</i> , 2013, 6, 1956-1966.	1.3	40
75	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.	0.2	4
76	Adenoma incidence decreases under the effect of polypectomy. <i>World Journal of Gastroenterology</i> , 2012, 18, 1243.	1.4	5
77	Wound healing activity of the human antimicrobial peptide LL37. <i>Peptides</i> , 2011, 32, 1469-1476.	1.2	203
78	Studies on the hemocompatibility of bacterial cellulose. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 554-566.	2.1	106
79	Nitrogen Compounds Prevent H9c2 Myoblast Oxidative Stress-Induced Mitochondrial Dysfunction and Cell Death. <i>Cardiovascular Toxicology</i> , 2010, 10, 51-65.	1.1	18
80	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.	1.7	9
81	Antioxidant activity of synthetic diarylamines: A mitochondrial and cellular approach. <i>Mitochondrion</i> , 2009, 9, 17-26.	1.6	11
82	Oxidative DNA damage protection and repair by polyphenolic compounds in PC12 cells. <i>European Journal of Pharmacology</i> , 2008, 601, 50-60.	1.7	99
83	Protective role of new nitrogen compounds on ROS/RNS-mediated damage to PC12 cells. <i>Free Radical Research</i> , 2008, 42, 57-69.	1.5	20
84	Oxidative stress protection by newly synthesized nitrogen compounds with pharmacological potential. <i>Life Sciences</i> , 2006, 78, 1256-1267.	2.0	29