

# Bruno Sepodes

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

2,883  
citations

172386  
29  
h-index

182361  
51  
g-index

96  
all docs

96  
docs citations

96  
times ranked

4990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonerythropoietic, tissue-protective peptides derived from the tertiary structure of erythropoietin. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10925-10930.	3.3	280
2	Anti-inflammatory Effect of Rosmarinic Acid and an Extract of <i>Rosmarinus officinalis</i> in Rat Models of Local and Systemic Inflammation. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 398-413.	1.2	193
3	Development of Exon Skipping Therapies for Duchenne Muscular Dystrophy: A Critical Review and a Perspective on the Outstanding Issues. Nucleic Acid Therapeutics, 2017, 27, 251-259.	2.0	144
4	Antihyperglycaemic and protective effects of flavonoids on streptozotocin-induced diabetic rats. Phytotherapy Research, 2010, 24, S133-8.	2.8	110
5	European regulation on orphan medicinal products: 10 years of experience and future perspectives. Nature Reviews Drug Discovery, 2011, 10, 341-349.	21.5	105
6	Recombinant human erythropoietin protects the liver from hepatic ischemia-reperfusion injury in the rat. Transplant International, 2006, 19, 919-926.	0.8	102
7	Anti-inflammatory activity of naringin and the biosynthesised naringenin by naringinase immobilized in microstructured materials in a model of DSS-induced colitis in mice. Food Research International, 2009, 42, 1010-1017.	2.9	98
8	Exercise training decreases proinflammatory profile in Zucker diabetic (type 2) fatty rats. Nutrition, 2009, 25, 330-339.	1.1	91
9	Systemic inflammation in early neonatal mice induces transient and lasting neurodegenerative effects. Journal of Neuroinflammation, 2015, 12, 82.	3.1	89
10	Stakeholder cooperation to overcome challenges in orphan medicine development: the example of Duchenne muscular dystrophy. Lancet Neurology, The, 2016, 15, 882-890.	4.9	77
11	Evaluation of cardiovascular protective effect of different apple varieties – Correlation of response with composition. Food Chemistry, 2012, 135, 2378-2386.	4.2	76
12	Anti-inflammatory effect of lycopene on carrageenan-induced paw oedema and hepatic ischaemia-reperfusion in the rat. British Journal of Nutrition, 2009, 102, 126-133.	1.2	75
13	Effect of naringin enzymatic hydrolysis towards naringenin on the anti-inflammatory activity of both compounds. Journal of Molecular Catalysis B: Enzymatic, 2008, 52-53, 13-18.	1.8	73
14	Protective effects of hydroxytyrosol-supplemented refined olive oil in animal models of acute inflammation and rheumatoid arthritis. Journal of Nutritional Biochemistry, 2015, 26, 360-368.	1.9	73
15	Protective Role of Peroxisome Proliferator-activated Receptor- $\gamma$ in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1506-1515.	2.5	71
16	Characterisation of cystathionine gamma-lyase/hydrogen sulphide pathway in ischaemia/reperfusion injury of the mouse kidney: An in vivo study. European Journal of Pharmacology, 2009, 606, 205-209.	1.7	66
17	Role for endothelial nitric oxide synthase in nitrite-induced protection against renal ischaemia-reperfusion injury in mice. Nitric Oxide - Biology and Chemistry, 2010, 22, 141-148.	1.2	62
18	Alginate films containing <i>Lactobacillus plantarum</i> as wound dressing for prevention of burn infection. Journal of Hospital Infection, 2011, 79, 375-377.	1.4	49

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19	Are Novel, Nonrandomized Analytic Methods Fit for Decision Making? The Need for Prospective, Controlled, and Transparent Validation. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 773-779.	2.3	48
20	Lysophosphatidylcholine reduces the organ injury and dysfunction in rodent models of Gram-negative and Gram-positive shock. <i>British Journal of Pharmacology</i> , 2006, 148, 769-777.	2.7	46
21	Enzyme Immobilization and Co-Immobilization: Main Framework, Advances and Some Applications. <i>Processes</i> , 2022, 10, 494.	1.3	44
22	Regulatory and Scientific Advancements in Gene Therapy: State-of-the-Art of Clinical Applications and of the Supporting European Regulatory Framework. <i>Frontiers in Medicine</i> , 2017, 4, 182.	1.2	41
23	Exercise training is associated with improved levels of C-reactive protein and adiponectin in ZDF (type) Tj ETQq1 1 0,784314 rgBT /Over	0.5	40
24	Tempol, an intracellular free radical scavenger, reduces liver injury in hepatic ischemia-reperfusion in the rat. <i>Transplantation Proceedings</i> , 2004, 36, 849-853.	0.3	38
25	Animal models for metabolic, neuromuscular and ophthalmological rare diseases. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 287-305.	21.5	35
26	Dyospiros kaki phenolics inhibit colitis and colon cancer cell proliferation, but not gelatinase activities. <i>Journal of Nutritional Biochemistry</i> , 2017, 46, 100-108.	1.9	34
27	Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1191-1202.	2.5	33
28	Worldwide collaboration for orphan drug designation. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 440-441.	21.5	33
29	Chemical characterization of a red raspberry fruit extract and evaluation of its pharmacological effects in experimental models of acute inflammation and collagen-induced arthritis. <i>Food and Function</i> , 2014, 5, 3241-3251.	2.1	32
30	Erythropoietin Reduces Acute Lung Injury and Multiple Organ Failure/Dysfunction Associated to a Scald-Burn Inflammatory Injury in the Rat. <i>Inflammation</i> , 2015, 38, 312-326.	1.7	30
31	In vivo anti-inflammatory effect and toxicological screening of <i>Maytenus heterophylla</i> and <i>Maytenus senegalensis</i> extracts. <i>Human and Experimental Toxicology</i> , 2011, 30, 693-700.	1.1	29
32	Phytosomes with Persimmon ( <i>Diospyros kaki</i> L.) Extract: Preparation and Preliminary Demonstration of In Vivo Tolerability. <i>Pharmaceutics</i> , 2019, 11, 296.	2.0	29
33	Phenolic Compounds Impact on Rheumatoid Arthritis, Inflammatory Bowel Disease and Microbiota Modulation. <i>Pharmaceutics</i> , 2021, 13, 145.	2.0	29
34	The novel PARP inhibitor 5-aminoisoquinolinone reduces the liver injury caused by ischemia and reperfusion in the rat. <i>Medical Science Monitor</i> , 2002, 8, BR444-53.	0.5	29
35	Neuroprotective effects of erythropoietin pretreatment in a rodent model of transient middle cerebral artery occlusion. <i>Journal of Neurosurgery</i> , 2014, 121, 55-62.	0.9	25
36	Anti-inflammatory Effect of Erythropoietin in the TNBS-induced Colitis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 138-145.	1.2	24

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37	Advanced Therapy Medicinal Products for Rare Diseases: State of Play of Incentives Supporting Development in Europe. <i>Frontiers in Medicine</i> , 2017, 4, 53.	1.2	24
38	Hurdles in gene therapy regulatory approval: a retrospective analysis of European Marketing Authorization Applications. <i>Drug Discovery Today</i> , 2019, 24, 823-828.	3.2	22
39	Clinical Trials for COVID-19: Can we Better Use the Short Window of Opportunity?. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 730-733.	2.3	22
40	Identification of Antibiotics in Surface-Groundwater. A Tool towards the Ecopharmacovigilance Approach: A Portuguese Case-Study. <i>Antibiotics</i> , 2021, 10, 888.	1.5	21
41	Hemin reduces inflammation associated with TNBS-induced colitis. <i>Clinical and Experimental Gastroenterology</i> , 2018, Volume 11, 325-334.	1.0	20
42	The orphan drug pipeline in Europe. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 376-376.	21.5	18
43	Demonstrating significant benefit of orphan medicines: analysis of 15 years of experience in Europe. <i>Drug Discovery Today</i> , 2018, 23, 90-100.	3.2	18
44	Anti-inflammatory Effects of Persimmon ( <i>Diospyros kaki</i> L.) in Experimental Rodent Rheumatoid Arthritis. <i>Journal of Dietary Supplements</i> , 2020, 17, 663-683.	1.4	18
45	From <i>Diospyros kaki</i> L. (Persimmon) Phytochemical Profile and Health Impact to New Product Perspectives and Waste Valorization. <i>Nutrients</i> , 2021, 13, 3283.	1.7	17
46	Red Raspberry Phenols Inhibit Angiogenesis: A Morphological and Subcellular Analysis Upon Human Endothelial Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1604-1612.	1.2	16
47	Reduction of Inflammation and Colon Injury by a Spearmint Phenolic Extract in Experimental Bowel Disease in Mice. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 65.	0.7	16
48	Anti-inflammatory effect of limonin from cyclodextrin (un)processed orange juices in in vivo acute inflammation and chronic rheumatoid arthritis models. <i>Journal of Functional Foods</i> , 2018, 49, 146-153.	1.6	14
49	Reduction of inflammation and colon injury by a Pennyroyal phenolic extract in experimental inflammatory bowel disease in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109351.	2.5	14
50	Erythropoietin Preserves the Integrity and Quality of Organs for Transplantation After Cardiac Death. <i>Shock</i> , 2011, 35, 126-133.	1.0	12
51	Nonclinical data supporting orphan medicinal product designations: lessons from rare neurological conditions. <i>Drug Discovery Today</i> , 2018, 23, 26-48.	3.2	12
52	Inhibition of Glycogen Synthase Kinase-3 $\beta$ Attenuates Organ Injury and Dysfunction Associated With Liver Ischemia-Reperfusion and Thermal Injury in the Rat. <i>Shock</i> , 2015, 43, 369-378.	1.0	11
53	Spiro-lactam BSS-730A Displays Potent Activity against HIV and Plasmodium. <i>ACS Infectious Diseases</i> , 2021, 7, 421-434.	1.8	11
54	Improvement of wheat cookies' nutritional quality, by partial substitution with common bean and maize flours, sustained human glycemia and enhanced satiety perception. <i>Cereal Chemistry</i> , 2021, 98, 1123-1134.	1.1	10

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55	Thiadiazolidinone-8 Ameliorates Inflammation Associated with Experimental Colitis in Mice. <i>Pharmacology</i> , 2018, 101, 35-42.	0.9	10
56	Establishing medical plausibility in the context of orphan medicines designation in the European Union. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 175.	1.2	9
57	Use of biomarkers in the context of orphan medicines designation in the European Union. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 13.	1.2	9
58	Defining orphan conditions in the context of the European orphan regulation: challenges and evolution. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 479-480.	21.5	9
59	Green Tea (&i&gt;Camellia sinensis&i&gt;): Hypocholesterolemic Effects in Humans and Anti-Inflammatory Effects in Animals. <i>Food and Nutrition Sciences (Print)</i> , 2014, 05, 2185-2194.	0.2	9
60	Establishing rarity in the context of orphan medicinal product designation in the European Union. <i>Drug Discovery Today</i> , 2018, 23, 681-686.	3.2	8
61	Anti-inflammatory activity of grapefruit juice in an in vivo model of ulcerative colitis: Comparability studies of unprocessed and bioprocessed juices. <i>Journal of Functional Foods</i> , 2019, 63, 103564.	1.6	8
62	Patient access to gene therapy medicinal products: a comprehensive review. <i>BMJ Innovations</i> , 2021, 7, 123-134.	1.0	8
63	A review of the continuous professional development system for pharmacists. <i>Human Resources for Health</i> , 2022, 20, 3.	1.1	8
64	Evolving prevalence of haematological malignancies in orphan designation procedures in the European Union. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 17.	1.2	6
65	Lupinus albus Protein Components Inhibit MMP-2 and MMP-9 Gelatinolytic Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13286.	1.8	6
66	Effects of Diethyldithiocarbamate (DETC) on Liver Injury Induced by Ischemia-Reperfusion in Rats. <i>Transplantation Proceedings</i> , 2007, 39, 365-368.	0.3	5
67	Nonclinical data supporting orphan medicinal product designations in the area of rare infectious diseases. <i>Drug Discovery Today</i> , 2020, 25, 274-291.	3.2	5
68	A proposed lectin-mediated mechanism to explain the in Vivo antihyperglycemic activity of Î³-conglutin from Lupinus albus seeds. <i>Food Science and Nutrition</i> , 2021, 9, 5980-5996.	1.5	5
69	The orphan framework as a new opportunity: an expert opinion. <i>Expert Opinion on Orphan Drugs</i> , 2014, 2, 1181-1186.	0.5	2
70	TDZD-8 pre-treatment in transient middle cerebral artery occlusion. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 361-367.	0.8	2
71	Comparative analysis of the scope of European Union paediatric investigation plans with corresponding orphan designations. <i>Archives of Disease in Childhood</i> , 2018, 103, 427-430.	1.0	2
72	Optimising bench science to withstand regulatory scrutiny. <i>Pharmacological Research</i> , 2019, 139, 491-493.	3.1	2

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73	Attenuation of Colonic Injury and Inflammation by Administration of a Phenolic Extract of Summer Savory ( <i>Satureja hortensis</i> L.) in Experimental Inflammatory Bowel Disease in Mice. <i>Applied Sciences</i> (Switzerland), 2020, 10, 8465.	1.3	2
74	Ebola outbreaks: A stress test of the preparedness of medicines regulatory systems for public health crises. <i>Drug Discovery Today</i> , 2021, 26, 2608-2618.	3.2	2
75	Implementation and Access to Pre-exposure Prophylaxis for Human Immunodeficiency Virus by Men Who Have Sex With Men in Europe. <i>Frontiers in Medicine</i> , 2021, 8, 722247.	1.2	2
76	Supplements in the European Union: An Analysis of Health Claims Related to Articular Joint Health. <i>European Journal of Nutrition &amp; Food Safety</i> , 2016, 6, 12-35.	0.2	2
77	Protective role of peroxisome proliferator-activated receptor $\alpha$ in cardiac dysfunction and organ injury/inflammation caused by endotoxin in mice. <i>Heart</i> , 2010, 96, e8-e8.	1.2	1
78	Regulation Of Orphan Medicinal Products In Europe: History Trends And Challenges. <i>Clinical Therapeutics</i> , 2016, 38, e7-e8.	1.1	1
79	The translational value of animal models in orphan medicines designations for rare paediatric neurological diseases. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 118, 104810.	1.3	1
80	CARACTERIZAÇÃO QUÍMICA E AVALIAÇÃO DA ATIVIDADE BIOLÓGICA DA FRAMBOESA ( <i>RUBUS IDAEUS</i> L.). CONTRIBUIÇÃO PARA O DESENVOLVIMENTO DE UMA ALEGRIA DE SAÚDE. , 0, , 9-21.		1
81	PRETREATMENT OF RATS WITH HEMOGLOBIN REDUCES THE MULTIPLE ORGAN INJURY CAUSED BY ENDOTOXIN.. <i>Shock</i> , 2001, 15, 71.	1.0	0
82	THE EFFECT OF 5-AIQ ON THE LIVER ISCHAEMIA/REPERFUSION INJURY. <i>Shock</i> , 2002, 18, 23.	1.0	0
83	EFFECT OF RECOMBINANT HUMAN ERYTHROPOIETIN IN A RAT MODEL OF ISCHEMIA-REPERFUSION INJURY OF THE LIVER. <i>Shock</i> , 2004, 21, 87.	1.0	0
84	A GLYCOGEN SYNTHASE KINASE-3 INHIBITOR (TDZD-8) ATTENUATES THE LIVER and Neuromuscular INJURY CAUSED BY Burn IN THE RAT. <i>Shock</i> , 2006, 26, 20.	1.0	0
85	INHIBITION OF ENDOGENOUS HYDROGEN SULPHIDE FORMATION PROTECTS THE LIVER FROM HEPATIC ISCHEMIA-REPERFUSION INJURY IN THE RAT. <i>Shock</i> , 2006, 26, 15-16.	1.0	0
86	PO9-243 EXERCISE TRAINING AND THE INFLAMMATORY RESPONSE IN ZDF (TYPE 2) DIABETIC RATS. <i>Atherosclerosis Supplements</i> , 2007, 8, 77.	1.2	0
87	PHYSICAL ACTIVITY AS ANTI-INFLAMMATORY THERAPY IN AN ANIMAL MODEL OF TYPE 2 DIABETES. <i>Atherosclerosis Supplements</i> , 2008, 9, 99.	1.2	0
88	Anti-inflammatory activity of naringin and the biosynthesized naringenin in a model of DSS-induced colitis in mice. <i>Journal of Biotechnology</i> , 2008, 136, S373.	1.9	0
89	Designation of orphan conditions in Europe: regulatory observations and considerations after implementation of regulation 141/2000. <i>Expert Opinion on Orphan Drugs</i> , 2020, 8, 189-196.	0.5	0
90	Adapting Education to the Needs of Pharmacists and Pharmaceutical Scientists. <i>Advances in Medical Education, Research, and Ethics</i> , 2021, , 20-42.	0.1	0

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91	Anti-inflammatory and toxicity evaluation of <i>Maytenus heterophylla</i> and <i>M. senegalensis</i> extracts. <i>Planta Medica</i> , 2009, 75, .	0.7	0
92	Effects of Selected Non-biological and Biological Disease-Modifying Anti-rheumatic Drugs, and mRNA Vaccines on Mononuclear Phagocyte System. , 2021, , .		0
93	Current Research in Agricultural and Food Science Vol. 2. , 2020, , .		0