Bruno Sepodes

List of Publications by Year
in descending order

93 papers	2,883 citations	172457 29 h-index	182427 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.	7.1	280
2	Antiâ€inflammatory Effect of Rosmarinic Acid and an Extract of Rosmarinus officinalis in Rat Models of Local and Systemic Inflammation. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 398-413.	2.5	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.	3.6	144
4	Antihyperglycaemic and protective effects of flavonoids on streptozotocinâ€“induced diabetic rats. Phytotherapy Research, 2010, 24, S133-8.	5.8	110
5	European regulation on orphan medicinal products: 10 years of experience and future perspectives. Nature Reviews Drug Discovery, 2011, 10, 341-349.	46.4	105
6	Recombinant human erythropoietin protects the liver from hepatic ischemia-reperfusion injury in the rat. Transplant International, 2006, 19, 919-926.	1.6	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.	6.2	98
8	Exercise training decreases proinflammatory profile in Zucker diabetic (type 2) fatty rats. Nutrition, 2009, 25, 330-339.	2.4	91
9	Systemic inflammation in early neonatal mice induces transient and lasting neurodegenerative effects. Journal of Neuroinflammation, 2015, 12, 82.	7.2	89
10	Stakeholder cooperation to overcome challenges in orphan medicine development: the example of Duchenne muscular dystrophy. Lancet Neurology, The, 2016, 15, 882-890.	10.2	77
11	Evaluation of cardiovascular protective effect of different apple varieties â€“ Correlation of response with composition. Food Chemistry, 2012, 135, 2378-2386.	8.2	76
12	Anti-inflammatory effect of lycopene on carrageenan-induced paw oedema and hepatic ischaemiaâ€“reperfusion in the rat. British Journal of Nutrition, 2009, 102, 126-133.	2.3	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.	4.2	73
15	Protective Role of Peroxisome Proliferatorâ€“activated Receptor-Î²/Î´ in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1506-1515.	5.6	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.	3.5	66
17	Role for endothelial nitric oxide synthase in nitrite-induced protection against renal ischemiaâ€“reperfusion injury in mice. Nitric Oxide - Biology and Chemistry, 2010, 22, 141-148.	2.7	62
18	Alginate films containing Lactobacillus plantarum as wound dressing for prevention of burn infection. Journal of Hospital Infection, 2011, 79, 375-377.	2.9	49

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19	Are Novel, Nonrandomized Analytic Methods Fit for Decision Making? The Need for Prospective, Controlled, and Transparent Validation. Clinical Pharmacology and Therapeutics, 2020, 107, 773-779.	4.7	48
20	Lysophosphatidylcholine reduces the organ injury and dysfunction in rodent models of Gram-negative and Gram-positive shock. British Journal of Pharmacology, 2006, 148, 769-777.	5.4	46
21	Enzyme Immobilization and Co-Immobilization: Main Framework, Advances and Some Applications. Processes, 2022, 10, 494.	2.8	44
22	Regulatory and Scientific Advancements in Gene Therapy: State-of-the-Art of Clinical Applications and of the Supporting European Regulatory Framework. Frontiers in Medicine, 2017, 4, 182.	2.6	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	1.1	40
24	Tempol, an intracelullar free radical scavenger, reduces liver injury in hepatic ischemia-reperfusion in the rat. Transplantation Proceedings, 2004, 36, 849-853.	0.6	38
25	Animal models for metabolic, neuromuscular and ophthalmological rare diseases. Nature Reviews Drug Discovery, 2013, 12, 287-305.	46.4	35
26	Dyospiros kaki phenolics inhibit colitis and colon cancer cell proliferation, but not gelatinase activities. Journal of Nutritional Biochemistry, 2017, 46, 100-108.	4.2	34
27	Protective effects of a blueberry extract in acute inflammation and collagen-induced arthritis in the rat. Biomedicine and Pharmacotherapy, 2016, 83, 1191-1202.	5.6	33
28	Worldwide collaboration for orphan drug designation. Nature Reviews Drug Discovery, 2016, 15, 440-441.	46.4	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. Food and Function, 2014, 5, 3241-3251.	4.6	32
30	Erythropoietin Reduces Acute Lung Injury and Multiple Organ Failure/Dysfunction Associated to a Scald-Burn Inflammatory Injury in the Rat. Inflammation, 2015, 38, 312-326.	3.8	30
31	In vivo anti-inflammatory effect and toxicological screening of Maytenus heterophylla and Maytenus senegalensis extracts. Human and Experimental Toxicology, 2011, 30, 693-700.	2.2	29
32	Phytosomes with Persimmon (Diospyros kaki L.) Extract: Preparation and Preliminary Demonstration of In Vivo Tolerability. Pharmaceutics, 2019, 11, 296.	4.5	29
33	Phenolic Compounds Impact on Rheumatoid Arthritis, Inflammatory Bowel Disease and Microbiota Modulation. Pharmaceutics, 2021, 13, 145.	4.5	29
34	The novel PARP inhibitor 5-aminoisoquinolinone reduces the liver injury caused by ischemia and reperfusion in the rat. Medical Science Monitor, 2002, 8, BR444-53.	1.1	29
35	Neuroprotective effects of erythropoietin pretreatment in a rodent model of transient middle cerebral artery occlusion. Journal of Neurosurgery, 2014, 121, 55-62.	1.6	25
36	Antiâ€inflammatory Effect of Erythropoietin in the <scp>TNBS</scp>â€induced Colitis. Basic and Clinical Pharmacology and Toxicology, 2017, 120, 138-145.	2.5	24

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37	Advanced Therapy Medicinal Products for Rare Diseases: State of Play of Incentives Supporting Development in Europe. Frontiers in Medicine, 2017, 4, 53.	2.6	24
38	Hurdles in gene therapy regulatory approval: a retrospective analysis of European Marketing Authorization Applications. Drug Discovery Today, 2019, 24, 823-828.	6.4	22
39	Clinical Trials for COVIDâ€19: Can we Better Use the Short Window of Opportunity?. Clinical Pharmacology and Therapeutics, 2020, 108, 730-733.	4.7	22
40	Identification of Antibiotics in Surface-Groundwater. A Tool towards the Ecopharmacovigilance Approach: A Portuguese Case-Study. Antibiotics, 2021, 10, 888.	3.7	21
41	Hemin reduces inflammation associated with TNBS-induced colitis. Clinical and Experimental Gastroenterology, 2018, Volume 11, 325-334.	2.3	20
42	The orphan drug pipeline in Europe. Nature Reviews Drug Discovery, 2016, 15, 376-376.	46.4	18
43	Demonstrating significant benefit of orphan medicines: analysis of 15 years of experience in Europe. Drug Discovery Today, 2018, 23, 90-100.	6.4	18
44	Anti-inflammatory Effects of Persimmon (Diospyros kaki L.) in Experimental Rodent Rheumatoid Arthritis. Journal of Dietary Supplements, 2020, 17, 663-683.	2.6	18
45	From Diospyros kaki L. (Persimmon) Phytochemical Profile and Health Impact to New Product Perspectives and Waste Valorization. Nutrients, 2021, 13, 3283.	4.1	17
46	Red Raspberry Phenols Inhibit Angiogenesis: A Morphological and Subcellular Analysis Upon Human Endothelial Cells. Journal of Cellular Biochemistry, 2016, 117, 1604-1612.	2.6	16
47	Reduction of Inflammation and Colon Injury by a Spearmint Phenolic Extract in Experimental Bowel Disease in Mice. Medicines (Basel, Switzerland), 2019, 6, 65.	1.4	16
48	Anti-inflammatory effect of limonin from cyclodextrin (un)processed orange juices in in vivo acute inflammation and chronic rheumatoid arthritis models. Journal of Functional Foods, 2018, 49, 146-153.	3.4	14
49	Reduction of inflammation and colon injury by a Pennyroyal phenolic extract in experimental inflammatory bowel disease in mice. Biomedicine and Pharmacotherapy, 2019, 118, 109351.	5.6	14
50	Erythropoietin Preserves the Integrity and Quality of Organs for Transplantation After Cardiac Death. Shock, 2011, 35, 126-133.	2.1	12
51	Nonclinical data supporting orphan medicinal product designations: lessons from rare neurological conditions. Drug Discovery Today, 2018, 23, 26-48.	6.4	12
52	Inhibition of Glycogen Synthase Kinase-3Î² Attenuates Organ Injury and Dysfunction Associated With Liver Ischemia-Reperfusion and Thermal Injury in the Rat. Shock, 2015, 43, 369-378.	2.1	11
53	Spiro-Î²-lactam BSS-730A Displays Potent Activity against HIV and Plasmodium. ACS Infectious Diseases, 2021, 7, 421-434.	3.8	11
54	Improvement of wheat cookiesâ€™ nutritional quality, by partial substitution with common bean and maize flours, sustained human glycemia and enhanced satiety perception. Cereal Chemistry, 2021, 98, 1123-1134.	2.2	10

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55	Thiadiazolidinone-8 Ameliorates Inflammation Associated with Experimental Colitis in Mice. Pharmacology, 2018, 101, 35-42.	2.2	10
56	Establishing medical plausibility in the context of orphan medicines designation in the European Union. Orphanet Journal of Rare Diseases, 2014, 9, 175.	2.7	9
57	Use of biomarkers in the context of orphan medicines designation in the European Union. Orphanet Journal of Rare Diseases, 2014, 9, 13.	2.7	9
58	Defining orphan conditions in the context of the European orphan regulation: challenges and evolution. Nature Reviews Drug Discovery, 2019, 18, 479-480.	46.4	9
59	Green Tea (<i>Camellia sinensis</i>): Hypocholesterolemic Effects in Humans and Anti-Inflammatory Effects in Animals. Food and Nutrition Sciences (Print), 2014, 05, 2185-2194.	0.4	9
60	Establishing rarity in the context of orphan medicinal product designation in the European Union. Drug Discovery Today, 2018, 23, 681-686.	6.4	8
61	Anti-inflammatory activity of grapefruit juice in an in vivo model of ulcerative colitis: Comparability studies of unprocessed and bioprocessed juices. Journal of Functional Foods, 2019, 63, 103564.	3.4	8
62	Patient access to gene therapy medicinal products: a comprehensive review. BMJ Innovations, 2021, 7, 123-134.	1.7	8
63	A review of the continuous professional development system for pharmacists. Human Resources for Health, 2022, 20, 3.	3.1	8
64	Evolving prevalence of haematological malignancies in orphan designation procedures in the European Union. Orphanet Journal of Rare Diseases, 2017, 12, 17.	2.7	6
65	Lupinus albus Protein Components Inhibit MMP-2 and MMP-9 Gelatinolytic Activity In Vitro and In Vivo. International Journal of Molecular Sciences, 2021, 22, 13286.	4.1	6
66	Effects of Diethyldithiocarbamate (DETC) on Liver Injury Induced by Ischemia-Reperfusion in Rats. Transplantation Proceedings, 2007, 39, 365-368.	0.6	5
67	Nonclinical data supporting orphan medicinal product designations in the area of rare infectious diseases. Drug Discovery Today, 2020, 25, 274-291.	6.4	5
68	A proposed lectinâ€mediated mechanism to explain the in Vivo antihyperglycemic activity of Î³â€conglutin from Lupinus albus seeds. Food Science and Nutrition, 2021, 9, 5980-5996.	3.4	5
69	The orphan framework as a new opportunity: an expert opinion. Expert Opinion on Orphan Drugs, 2014, 2, 1181-1186.	0.8	2
70	TDZD-8 pre-treatment in transient middle cerebral artery occlusion. Biomedicine and Aging Pathology, 2014, 4, 361-367.	0.8	2
71	Comparative analysis of the scope of European Union paediatric investigation plans with corresponding orphan designations. Archives of Disease in Childhood, 2018, 103, 427-430.	1.9	2
72	Optimising bench science to withstand regulatory scrutiny. Pharmacological Research, 2019, 139, 491-493.	7.1	2

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73	Attenuation of Colonic Injury and Inflammation by Administration of a Phenolic Extract of Summer Savory (Satureja hortensis L.) in Experimental Inflammatory Bowel Disease in Mice. Applied Sciences (Switzerland), 2020, 10, 8465.	2.5	2
74	Ebola outbreaks: A stress test of the preparedness of medicines regulatory systems for public health crises. Drug Discovery Today, 2021, 26, 2608-2618.	6.4	2
75	Implementation and Access to Pre-exposure Prophylaxis for Human Immunodeficiency Virus by Men Who Have Sex With Men in Europe. Frontiers in Medicine, 2021, 8, 722247.	2.6	2
76	Supplements in the European Union: An Analysis of Health Claims Related to Articular Joint Health. European Journal of Nutrition & Food Safety, 2016, 6, 12-35.	0.2	2
77	027 Protective role of peroxisome proliferator-activated receptor I/I' in cardiac dysfunction and organ injury/inflammation caused by endotoxin in mice. Heart, 2010, 96, e8-e8.	2.9	1
78	Regulation Of Orphan Medicinal Products In Europe: History Trends And Challenges. Clinical Therapeutics, 2016, 38, e7-e8.	2.5	1
79	The translational value of animal models in orphan medicines designations for rare paediatric neurological diseases. Regulatory Toxicology and Pharmacology, 2020, 118, 104810.	2.7	1
80	CARACTERIZAÃ‡ÃƒO QUÃMICA E AVALIAÃ‡ÃƒO DA ATIVIDADE BIOLÃ“GICA DA FRAMBOESA (RUBUS IDAEUS L.). CONTRIBUIÃ‡ÃƒO PARA O DESENVOLVIMENTO DE UMA ALEGAÃ‡ÃƒO DE SAÃšDE. , 0, , 9-21.		1
81	PRETREATMENT OF RATS WITH HEMOGLOBIN REDUCES THE MULTIPLE ORGAN INJURY CAUSED BY ENDOTOXIN.. Shock, 2001, 15, 71.	2.1	0
82	THE EFFECT OF 5-AIQ ON THE LIVER ISCHAEMIA/REPERFUSION INJURY. Shock, 2002, 18, 23.	2.1	0
83	EFFECT OF RECOMBINANT HUMAN ERYTHROPOIETIN IN A RAT MODEL OF ISCHEMIA-REPERFUSION INJURY OF THE LIVER. Shock, 2004, 21, 87.	2.1	0
84	A GLYCOGEN SYNTHASE KINASE-3 INHIBITOR (TDZD-8) ATTENUATES THE LIVER and Neuromuscular INJURY CAUSED BY Burn IN THE RAT. Shock, 2006, 26, 20.	2.1	0
85	INHIBITION OF ENDOGENOUS HYDROGEN SULPHIDE FORMATION PROTECTS THE LIVER FROM HEPATIC ISCHEMIA-REPERFUSION INJURY IN THE RAT. Shock, 2006, 26, 15-16.	2.1	0
86	PO9-243 EXERCISE TRAINING AND THE INFLAMMATORY RESPONSE IN ZDF (TYPE 2) DIABETIC RATS. Atherosclerosis Supplements, 2007, 8, 77.	1.2	0
87	PHYSICAL ACTIVITY AS ANTI-INFLAMMATORY THERAPY IN AN ANIMAL MODEL OF TYPE 2 DIABETES. Atherosclerosis Supplements, 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. Journal of Biotechnology, 2008, 136, S373.	3.8	0
89	Designation of orphan conditions in Europe: regulatory observations and considerations after implementation of regulation 141/2000. Expert Opinion on Orphan Drugs, 2020, 8, 189-196.	0.8	0
90	Adapting Education to the Needs of Pharmacists and Pharmaceutical Scientists. Advances in Medical Education, Research, and Ethics, 2021, , 20-42.	0.1	0

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91	Anti-inflammatory and toxicity evaluation of Maytenus heterophylla and M. senegalensis extracts. Planta Medica, 2009, 75, .	1.3	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