

# Bruno Neves

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

6,447  
citations

331670

21  
h-index

128289

60  
g-index

68  
all docs

68  
docs citations

68  
times ranked

15894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Dendritic cell-based immunotherapy: a basic review and recent advances. <i>Immunologic Research</i> , 2017, 65, 798-810.	2.9	158
3	Antitumor dendritic cell-based vaccines: lessons from 20 years of clinical trials and future perspectives. <i>Translational Research</i> , 2016, 168, 74-95.	5.0	116
4	Anti-inflammatory activity of <i>Cymbopogon citratus</i> leaves infusion via proteasome and nuclear factor- $\kappa$ B pathway inhibition: Contribution of chlorogenic acid. <i>Journal of Ethnopharmacology</i> , 2013, 148, 126-134.	4.1	97
5	Lipidomics as a new approach for the bioprospecting of marine macroalgae – Unraveling the polar lipid and fatty acid composition of <i>Chondrus crispus</i> . <i>Algal Research</i> , 2015, 8, 181-191.	4.6	81
6	<i>Cymbopogon citratus</i> as source of new and safe anti-inflammatory drugs: Bio-guided assay using lipopolysaccharide-stimulated macrophages. <i>Journal of Ethnopharmacology</i> , 2011, 133, 818-827.	4.1	80
7	Anti-inflammatory and antioxidant nanostructured cellulose membranes loaded with phenolic-based ionic liquids for cutaneous application. <i>Carbohydrate Polymers</i> , 2019, 206, 187-197.	10.2	66
8	Dendritic Cell Vaccines for Cancer Immunotherapy: The Role of Human Conventional Type 1 Dendritic Cells. <i>Pharmaceutics</i> , 2020, 12, 158.	4.5	63
9	Enhancing the Antioxidant Characteristics of Phenolic Acids by Their Conversion into Cholinium Salts. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2558-2565.	6.7	54
10	Microalgae as Sustainable Bio-Factories of Healthy Lipids: Evaluating Fatty Acid Content and Antioxidant Activity. <i>Marine Drugs</i> , 2021, 19, 357.	4.6	54
11	Oxidative stress-dependent activation of the eIF2 $\gamma$ -ATF $\gamma$ unfolded protein response branch by skin sensitizer 1-fluoro-2,4-dinitrobenzene modulates dendritic-like cell maturation and inflammatory status in a biphasic manner. <i>Free Radical Biology and Medicine</i> , 2014, 77, 217-229.	2.9	51
12	Design of Nonsteroidal Anti-Inflammatory Drug-Based Ionic Liquids with Improved Water Solubility and Drug Delivery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14126-14134.	6.7	51
13	Differential roles of PI3-Kinase, MAPKs and NF- $\kappa$ B on the manipulation of dendritic cell Th1/Th2 cytokine/chemokine polarizing profile. <i>Molecular Immunology</i> , 2009, 46, 2481-2492.	2.2	49
14	Activation of Phosphatidylinositol 3-Kinase/Akt and Impairment of Nuclear Factor- $\kappa$ B. <i>American Journal of Pathology</i> , 2010, 177, 2898-2911.	3.8	48
15	Autophagy and Inflammasome Interplay. <i>DNA and Cell Biology</i> , 2015, 34, 274-281.	1.9	47
16	Polyvinylidene fluoride-Hyaluronic acid wound dressing comprised of ionic liquids for controlled drug delivery and dual therapeutic behavior. <i>Acta Biomaterialia</i> , 2019, 100, 142-157.	8.3	45
17	Neurotensin downregulates the pro-inflammatory properties of skin dendritic cells and increases epidermal growth factor expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1863-1871.	4.1	44
18	The Unfolded Protein Response in Homeostasis and Modulation of Mammalian Immune Cells. <i>International Reviews of Immunology</i> , 2016, 35, 457-476.	3.3	40

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19	<i>Leishmania</i>-Infected MHC Class IIhigh Dendritic Cells Polarize CD4+ T Cells toward a Nonprotective T-bet+ IFN- $\gamma$ + IL-10+ Phenotype. <i>Journal of Immunology</i> , 2013, 191, 262-273.	0.8	37
20	Biomaterial-based platforms for in situ dendritic cell programming and their use in antitumor immunotherapy. , 2019, 7, 238.		33
21	Differential modulation of CXCR4 and CD40 protein levels by skin sensitizers and irritants in the FSDC cell line. <i>Toxicology Letters</i> , 2008, 177, 74-82.	0.8	30
22	Enhanced extraction and biological activity of 7-hydroxymatairesinol obtained from Norway spruce knots using aqueous solutions of ionic liquids. <i>Green Chemistry</i> , 2017, 19, 2626-2635.	9.0	30
23	Development of an in Vitro Dendritic Cell-Based Test for Skin Sensitizer Identification. <i>Chemical Research in Toxicology</i> , 2013, 26, 368-378.	3.3	22
24	Signal transduction profile of chemical sensitizers in dendritic cells: An endpoint to be included in a cell-based in vitro alternative approach to hazard identification?. <i>Toxicology and Applied Pharmacology</i> , 2011, 250, 87-95.	2.8	21
25	Neurotensin Decreases the Proinflammatory Status of Human Skin Fibroblasts and Increases Epidermal Growth Factor Expression. <i>International Journal of Inflammation</i> , 2014, 2014, 1-9.	1.5	21
26	Allergic contact dermatitis: From pathophysiology to development of new preventive strategies. <i>Pharmacological Research</i> , 2020, 162, 105282.	7.1	21
27	ER-mitochondria communication is involved in NLRP3 inflammasome activation under stress conditions in the innate immune system. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 213.	5.4	20
28	Detection of phosphatidylserine with a modified polar head group in human keratinocytes exposed to the radical generator AAPH. <i>Archives of Biochemistry and Biophysics</i> , 2014, 548, 38-45.	3.0	19
29	Standardised comparison of limonene-derived monoterpenes identifies structural determinants of anti-inflammatory activity. <i>Scientific Reports</i> , 2020, 10, 7199.	3.3	19
30	Prospective phospholipid markers for skin sensitization prediction in keratinocytes: A phospholipidomic approach. <i>Archives of Biochemistry and Biophysics</i> , 2013, 533, 33-41.	3.0	18
31	Structural Features and Pro-Inflammatory Effects of Water-Soluble Organic Matter in Inhalable Fine Urban Air Particles. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1082-1091.	10.0	18
32	NLRP3 Inflammasome and Allergic Contact Dermatitis: A Connection to Demystify. <i>Pharmaceutics</i> , 2020, 12, 867.	4.5	18
33	Microalgal Lipid Extracts Have Potential to Modulate the Inflammatory Response: A Critical Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9825.	4.1	18
34	Algal Lipids as Modulators of Skin Disease: A Critical Review. <i>Metabolites</i> , 2022, 12, 96.	2.9	18
35	Profiling changes triggered during maturation of dendritic cells: a lipidomic approach. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 457-471.	3.7	15
36	Flavonoid Profile of the <i>Genista tridentata</i> L., a Species Used Traditionally to Treat Inflammatory Processes. <i>Molecules</i> , 2020, 25, 812.	3.8	14

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37	Giardia lamblia Decreases NF- $\kappa$ B p65RelA Protein Levels and Modulates LPS-Induced Pro-Inflammatory Response in Macrophages. <i>Scientific Reports</i> , 2020, 10, 6234.	3.3	14
38	Exosomes as new therapeutic vectors for pancreatic cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 161, 4-14.	4.3	13
39	Lavandula viridis L <sup>Â</sup> H <sup>Â</sup> A <sup>©</sup> r. Essential Oil Inhibits the Inflammatory Response in Macrophages Through Blockade of NF-KB Signaling Cascade. <i>Frontiers in Pharmacology</i> , 2021, 12, 695911.	3.5	13
40	Deep Eutectic Solvent Formulations and Alginate-Based Hydrogels as a New Partnership for the Transdermal Administration of Anti-Inflammatory Drugs. <i>Pharmaceutics</i> , 2022, 14, 827.	4.5	13
41	Inflammasome in Dendritic Cells Immunobiology: Implications to Diseases and Therapeutic Strategies. <i>Current Drug Targets</i> , 2017, 18, 1003-1018.	2.1	12
42	Nature and kinetics of redox imbalance triggered by respiratory and skin chemical sensitizers on the human monocytic cell line THP-1. <i>Redox Biology</i> , 2018, 16, 75-86.	9.0	12
43	Oxidized phosphatidylserine mitigates LPS-triggered macrophage inflammatory status through modulation of JNK and NF- $\kappa$ B signaling cascades. <i>Cellular Signalling</i> , 2019, 61, 30-38.	3.6	12
44	Pharmacological combination of nivolumab with dendritic cell vaccines in cancer immunotherapy: An overview. <i>Pharmacological Research</i> , 2021, 164, 105309.	7.1	12
45	Contact dermatitis: in pursuit of sensitizer <sup>â</sup> ™s molecular targets through proteomics. <i>Archives of Toxicology</i> , 2017, 91, 811-825.	4.2	11
46	Elucidation of the Mechanism Underlying the Anti-Inflammatory Properties of (S)-(+)-Carvone Identifies a Novel Class of Sirtuin-1 Activators in a Murine Macrophage Cell Line. <i>Biomedicines</i> , 2021, 9, 777.	3.2	10
47	Effect of Skin Sensitizers on Inducible Nitric Oxide Synthase Expression and Nitric Oxide Production in Skin Dendritic Cells: Role of Different Immunosuppressive Drugs. <i>Immunopharmacology and Immunotoxicology</i> , 2007, 29, 225-241.	2.4	9
48	Respiratory sensitizer hexamethylene diisocyanate inhibits SOD 1 and induces ERK-dependent detoxifying and maturation pathways in dendritic-like cells. <i>Free Radical Biology and Medicine</i> , 2014, 72, 238-246.	2.9	9
49	Phospholipidomic Profile Variation on THP <sup>â</sup> €1 Cells Exposed to Skin or Respiratory Sensitizers and Respiratory Irritant. <i>Journal of Cellular Physiology</i> , 2016, 231, 2639-2651.	4.1	8
50	Posters (P). <i>Contact Dermatitis</i> , 2018, 79, 57-104.	1.4	8
51	Highlighting the Role of DC-NK Cell Interplay in Immunobiology and Immunotherapy. , 2018, , .		7
52	In-Depth Analysis of the Impact of Different Serum-Free Media on the Production of Clinical Grade Dendritic Cells for Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 593363.	4.8	7
53	Strategies for Cancer Immunotherapy Using Induced Pluripotency Stem Cells-Based Vaccines. <i>Cancers</i> , 2020, 12, 3581.	3.7	6
54	Systemic drugs inducing non <sup>â</sup> € immediate cutaneous adverse reactions and contact sensitizers evoke similar responses in THP <sup>â</sup> €1 cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 398-406.	2.8	5

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55	Evaluating Skin Sensitization Via Soft and Hard Multivariate Modeling. International Journal of Toxicology, 2020, 39, 547-559.	1.2	5
56	Calcium Modulation, Anti-Oxidant and Anti-Inflammatory Effect of Skin Allergens Targeting the Nrf2 Signaling Pathway in Alzheimer's Disease Cellular Models. International Journal of Molecular Sciences, 2020, 21, 7791.	4.1	5
57	Anti-Inflammatory Activity of Polyphenols on Dendritic Cells. , 2014, , 373-392.		4
58	Multi-Omic Profiling of Macrophages Treated with Phospholipids Containing Omega-3 and Omega-6 Fatty Acids Reveals Complex Immunomodulatory Adaptations at Protein, Lipid and Metabolic Levels. International Journal of Molecular Sciences, 2022, 23, 2139.	4.1	4
59	Proteomic studies with a novel nano-magnetic chelating system to capture metalloproteins and its application in the preliminary study of monocyte and macrophage sub-secretome. Talanta, 2016, 158, 110-117.	5.5	3
60	Effect of lipopolysaccharide, skin sensitizers and irritants on thioredoxin-1 expression in dendritic cells: relevance of different signalling pathways. Archives of Dermatological Research, 2010, 302, 271-282.	1.9	2
61	Adenosine diphosphate involvement in THP-1 maturation triggered by the contact allergen 1-fluoro-2,4-dinitrobenzene. Toxicology Research, 2016, 5, 1512-1521.	2.1	2
62	Anti-inflammatory potential of Lavandula viridis essential oil. Planta Medica, 2012, 78, .	1.3	2
63	Development of a novel dendritic cell-based immunotherapy targeting cancer stem cells.. Journal of Clinical Oncology, 2019, 37, e14009-e14009.	1.6	2
64	Drugs inducing T cell mediated cutaneous adverse reactions and contact sensitizers evoke similar responses in THP-1 cells. Clinical and Translational Allergy, 2014, 4, P50.	3.2	0
65	Phospholipidomic profile variation on dendritic-like cells exposed to skin or respiratory sensitizers and respiratory irritant. Toxicology Letters, 2015, 238, S235-S236.	0.8	0
66	Anti-Inflammatory Activity of the Honeybee Plant- Derived Products Honey, Pollen and Propolis. , 2016, , 313-346.		0
67	In Vitro Dendritic Cell-Based Test for Skin Sensitizers Identification and Potency Estimation. , 2017, , 417-435.		0