Moacyr J B M Rego

List of Publications by Year in descending order

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		304602	434063
120	1,414	22	31
papers	citations	h-index	g-index
124	124	124	2479
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Multi-target compounds acting in cancer progression: Focus on thiosemicarbazone, thiazole and thiazolidinone analogues. European Journal of Medicinal Chemistry, 2019, 170, 237-260.	2.6	92
2	CasuL: A new lectin isolated from Calliandra surinamensis leaf pinnulae with cytotoxicity to cancer cells, antimicrobial activity and antibiofilm effect. International Journal of Biological Macromolecules, 2017, 98, 419-429.	3.6	68
3	Cytokine Profile in Gout: Inflammation Driven by IL-6 and IL-18?. Immunological Investigations, 2016, 45, 383-395.	1.0	57
4	PgTeL, the lectin found in Punica granatum juice, is an antifungal agent against Candida albicans and Candida krusei. International Journal of Biological Macromolecules, 2018, 108, 391-400.	3.6	53
5	The Role of PPAR Gamma in Systemic Sclerosis. PPAR Research, 2015, 2015, 1-12.	1.1	52
6	Increased Serum Interleukin-9 Levels in Rheumatoid Arthritis and Systemic Lupus Erythematosus: Pathogenic Role or Just an Epiphenomenon?. Disease Markers, 2015, 2015, 1-6.	0.6	45
7	IL-17A, IL-22, IL-6, and IL-21 Serum Levels in Plaque-Type Psoriasis in Brazilian Patients. Mediators of Inflammation, 2015, 2015, 1-5.	1.4	39
8	Portulaca elatior root contains a trehalose-binding lectin with antibacterial and antifungal activities. International Journal of Biological Macromolecules, 2019, 126, 291-297.	3.6	37
9	Synthesis of novel indole derivatives as promising DNA-binding agents and evaluation of antitumor and antitopoisomerase I activities. European Journal of Medicinal Chemistry, 2017, 136, 511-522.	2.6	36
10	Biosensing breast cancer cells based on a three-dimensional TIO2 nanomembrane transducer. Biosensors and Bioelectronics, 2017, 92, 313-320.	5.3	31
11	Interferons and systemic sclerosis: correlation between interferon gamma and interferon-lambda 1 (IL-29). Autoimmunity, 2015, 48, 429-433.	1.2	30
12	Toxic effects of Microgramma vacciniifolia rhizome lectin on Artemia salina, human cells, and the schistosomiasis vector Biomphalaria glabrata. Acta Tropica, 2014, 138, 23-27.	0.9	29
13	Exploiting the biological roles of the trypsin inhibitor from Inga vera seeds: A multifunctional Kunitz inhibitor. Process Biochemistry, 2016, 51, 792-803.	1.8	29
14	Glycobiology Modifications in Intratumoral Hypoxia: The Breathless Side of Glycans Interaction. Cellular Physiology and Biochemistry, 2017, 41, 1801-1829.	1.1	29
15	IL-17 and related cytokines involved in systemic sclerosis: Perspectives. Autoimmunity, 2018, 51, 1-9.	1.2	29
16	PPARÎ ³ Agonists in Adaptive Immunity: What Do Immune Disorders and Their Models Have to Tell Us?. PPAR Research, 2013, 2013, 1-9.	1.1	27
17	Reassessing the Role of the Active TGF- <i>β</i> 1 as a Biomarker in Systemic Sclerosis: Association of Serum Levels with Clinical Manifestations. Disease Markers, 2016, 2016, 1-6.	0.6	26
18	Anticancer properties of thiophene derivatives in breast cancer MCF-7 cells. Anti-Cancer Drugs, 2018, 29, 157-166.	0.7	26

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19	Different profile of cytokine production in patients with systemic sclerosis and association with clinical manifestations. Immunology Letters, 2018, 198, 12-16.	1.1	26
20	The Evolution of Drugs on Schistosoma Treatment: Looking to the Past to Improve the Future. Mini-Reviews in Medicinal Chemistry, 2013, 13, 493-508.	1.1	26
21	Increased IL-35 serum levels in systemic sclerosis and association with pulmonary interstitial involvement. Clinical Rheumatology, 2015, 34, 1621-1625.	1.0	25
22	Synthesis of a Novel Thiazolidinedione and Evaluation of Its Modulatory Effect on IFN- <i>γ</i> , IL-6, IL-17A, and IL-22 Production in PBMCs from Rheumatoid Arthritis Patients. BioMed Research International, 2013, 2013, 1-8.	0.9	24
23	A Trypsin Inhibitor from Tecoma stans Leaves Inhibits Growth and Promotes ATP Depletion and Lipid Peroxidation in Candida albicans and Candida krusei. Frontiers in Microbiology, 2016, 7, 611.	1.5	23
24	Clinical and cytokine profile evaluation in Northeast Brazilian psoriasis plaque-type patients. European Cytokine Network, 2016, 27, 1-5.	1.1	23
25	ConA and UEA-I lectin histochemistry of parotid gland mucoepidermoid carcinoma. Journal of Oral Science, 2010, 52, 49-54.	0.7	21
26	Simvastatin inhibits cytokines in a dose response in patients with rheumatoid arthritis. Inflammation Research, 2014, 63, 309-315.	1.6	20
27	IL-27 in patients with Chikungunya fever: A possible chronicity biomarker?. Acta Tropica, 2019, 196, 48-51.	0.9	20
28	Cell death mechanisms involved in cell injury caused by SARS oVâ€2. Reviews in Medical Virology, 2022, 32, e2292.	3.9	19
29	Synthesis, in vitro anticancer activity and in silico study of new disubstituted thiazolidinedione derivatives. Medicinal Chemistry Research, 2014, 23, 3220-3226.	1.1	18
30	Evaluation of Antibacterial, Antineoplastic, and Immunomodulatory Activity of <i>Paullinia cupana</i> Seeds Crude Extract and Ethyl-Acetate Fraction. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-7.	0.5	15
31	Evaluation of Th17 related cytokines associated with clinical and laboratorial parameters in sickle cell anemia patients with leg ulcers. Cytokine, 2014, 65, 143-147.	1.4	14
32	Evaluation of antimicrobial, cytotoxic, and hemolytic activities from venom of the spider Lasiodora sp Toxicon, 2016, 122, 119-126.	0.8	14
33	Development, Characterization, and Immunomodulatory Evaluation of Carvacrol-loaded Nanoemulsion. Molecules, 2021, 26, 3899.	1.7	14
34	InÂvitro and in silico studies of antioxidant activity of 2-thiazolylhydrazone derivatives. Journal of Molecular Graphics and Modelling, 2019, 86, 106-112.	1.3	13
35	Phytochemical characterization and biological activities of Plectranthus barbatus Andrews. Brazilian Journal of Biology, 2021, 82, e236297.	0.4	13
36	Implications on glycobiological aspects of tumor hypoxia in breast ductal carcinoma in situ. Medical Molecular Morphology, 2013, 46, 92-96.	0.4	12

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37	<i>Cratylia mollis</i> 1, 4 Lectin: A New Biotechnological Tool in IL-6, IL-17A, IL-22, and IL-23 Induction and Generation of Immunological Memory. BioMed Research International, 2013, 2013, 1-6.	0.9	12
38	CCL3, ILâ€7, ILâ€13 and IFNγ transcripts are increased in skin's biopsy of systemic sclerosis. Experimental Dermatology, 2019, 28, 1172-1175.	1.4	12
39	Immunopositivity for Siglec-15 in gastric cancer and its association with clinical and pathological parameters. European Journal of Histochemistry, 2021, 65, .	0.6	12
40	Design, synthesis and pharmacological evaluation of CVIB, a codrug of carvacrol and ibuprofen as a novel anti-inflammatory agent. International Immunopharmacology, 2019, 76, 105856.	1.7	11
41	Dexamethasone inhibits cytokine production in PBMC from systemic sclerosis patients. Inflammopharmacology, 2019, 27, 723-730.	1.9	11
42	PA‑Int5: An isatin‑thiosemicarbazone derivative that exhibits anti‑nociceptive and anti‑inflammatory effects in Swiss mice. Biomedical Reports, 2021, 15, 61.	0.9	11
43	Evaluation of CD4+CD25+FoxP3+ T cell populations, IL-10 production, and their correlation with clinical and biochemical parameters in sickle cell anemia patients with leg ulcers. Cytokine, 2015, 75, 310-315.	1.4	10
44	Losartan, but not Enalapril and Valsartan, Inhibits the Expression of IFN-γ, IL-6, IL-17F and IL-22 in PBMCs from Rheumatoid Arthritis Patients. Open Rheumatology Journal, 2018, 12, 160-170.	0.1	10
45	Galectin-9 gene (LGALS9) polymorphisms are associated with rheumatoid arthritis in Brazilian patients. PLoS ONE, 2019, 14, e0223191.	1.1	10
46	Single Nucleotide Polymorphisms at +191 and +292 of Galectin-3 Gene (LGALS3) Related to Lower GAL-3 Serum Levels Are Associated with Frequent Respiratory Tract Infection and Vaso-Occlusive Crisis in Children with Sickle Cell Anemia. PLoS ONE, 2016, 11, e0162297.	1.1	10
47	Synthesis and in vitro anticancer activity of new 2-thioxo-oxazolidin-4-one derivatives. Pharmacological Reports, 2017, 69, 633-641.	1.5	9
48	CD4 ⁺ CD45RA ^{â^`} FOXP3 ^{low} Regulatory T Cells as Potential Biomarkers of Disease Activity in Systemic Lupus Erythematosus Brazilian Patients. BioMed Research International, 2018, 2018, 1-8.	0.9	9
49	Statins Inhibit Cytokines in a Dose-Dependent Response in Patients with Systemic Sclerosis. Inflammation, 2019, 42, 407-411.	1.7	9
50	Atorvastatin inhibits IL-17A, TNF, IL-6, and IL-10 in PBMC cultures from patients with severe rheumatoid arthritis. Immunobiology, 2020, 225, 151908.	0.8	9
51	GalNAc-T15 in gastric adenocarcinoma: Characterization according to tissue architecture and cellular location. European Journal of Histochemistry, 2018, 62, 2931.	0.6	8
52	Increased serum levels of galectin-9 in patients with chikungunya fever. Virus Research, 2020, 286, 198062.	1.1	8
53	Unveiling the pathogenesis of perineural invasion from the perspective of neuroactive molecules. Biochemical Pharmacology, 2021, 188, 114547.	2.0	8
54	Histochemical Localization of Carbohydrates in Morphological Stages of Developing Human Minor Salivary Glands: A Comparative Study with Cytoskeletal Markers. International Journal of Morphology, 2011, 29, 604-613.	0.1	7

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55	Association of the SOD2 polymorphism (Val6Ala) and SOD activity with vaso-occlusive crisis and acute splenic sequestration in children with sickle cell anemia. Mediterranean Journal of Hematology and Infectious Diseases, 2017, 10, e2018012.	0.5	7
56	Patients With Pancreatic Ductal Adenocarcinoma Have High Serum Galectin-9 Levels. Pancreas, 2018, 47, e59-e60.	0.5	7
57	Increased levels of the soluble oncostatin M receptor (sOSMR) and glycoprotein 130 (sgp130) in systemic sclerosis patients and associations with clinical parameters. Immunobiology, 2020, 225, 151964.	0.8	7
58	Genetic variants in <i>LGALS3</i> are related to lower galectin-3 serum levels and clinical outcomes in systemic sclerosis patients: A case-control study. Autoimmunity, 2021, 54, 187-194.	1.2	7
59	Corticosteroid inhibits chemokines production in systemic sclerosis patients. Steroids, 2017, 127, 24-30.	0.8	7
60	Galectin-3 is modulated in pancreatic cancer cells under hypoxia and nutrient deprivation. Biological Chemistry, 2020, 401, 1153-1165.	1.2	7
61	Anti-inflammatory and antinociceptive effects of the isatin derivative (Z)-2-(5-chloro-2-oxoindolin-3-ylidene)-N-phenyl-hydrazinecarbothioamide in mice. Brazilian Journal of Medical and Biological Research, 2020, 53, e10204.	0.7	7
62	Immunohistochemiluminescence detection: a quantitative tool in breast cancer HER-2 status evaluation. Disease Markers, 2013, 34, 373-7.	0.6	7
63	Comparing the Immunoexpression of FUT3 and FUT6 between Prostatic Adenocarcinoma and Benign Prostatic Hyperplasia. Acta Histochemica Et Cytochemica, 2013, 46, 105-109.	0.8	6
64	Magnetic Parkia pendula seed gum as matrix for Concanavalin A lectin immobilization and its application in affinity purification. Anais Da Academia Brasileira De Ciencias, 2014, 86, 1351-1358.	0.3	6
65	Increased IL17A, IFNG, and FOXP3 Transcripts in Moderate-Severe Psoriasis: A Major Influence Exerted by IL17A in Disease Severity. Mediators of Inflammation, 2016, 2016, 1-8.	1.4	6
66	Synthesis and biological evaluation of novel imidazolidine derivatives as candidates to schistosomicidal agents. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2017, 59, e8.	0.5	6
67	Synthesis, anticancer activity and mechanism of action of new phthalimido-1,3-thiazole derivatives. Chemico-Biological Interactions, 2021, 347, 109597.	1.7	6
68	Alzheimer's disease: Is there a role for galectins?. European Journal of Pharmacology, 2021, 909, 174437.	1.7	6
69	Evaluation of Th17-related cytokines and IFN γ production from blood mononuclear cells of moderate and severe asthmatic children reveals methylprednisolone does not decrease IL-22 levels. Journal of Asthma, 2015, 52, 227-231.	0.9	5
70	Organic Extract of Justicia pectoralis Jacq. Leaf Inhibits Interferon-Î ³ Secretion and Has Bacteriostatic Activity against Acinetobacter baumannii and Klebsiella pneumoniae. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	0.5	5
71	Novel betulin derivatives inhibit IFN-Î ³ and modulates COX-2 expression. Natural Product Research, 2020, 34, 1702-1711.	1.0	5
72	Sensitivity and specificity of Interleukin 29 in patients with rheumatoid arthritis and other rheumatic diseases. Immunology Letters, 2020, 220, 38-43.	1.1	5

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73	Design, Synthesis and Antifungal Activity of New Schiff Bases Bearing 2-Aminothiophene Derivatives Obtained by Molecular Simplification. Journal of the Brazilian Chemical Society, 0, , .	0.6	5
74	Interleukin-18 in Brazilian Rheumatoid Arthritis Patients: Can Leflunomide Reduce It?. Autoimmune Diseases, 2021, 2021, 1-6.	2.7	5
75	Potential Therapeutic Agents Against Par-4 Target for Cancer Treatment: Where Are We Going?. Current Drug Targets, 2019, 20, 635-654.	1.0	5
76	Immunohistochemiluminescence Detection: A Quantitative Tool in Breast Cancer HER-2 Status Evaluation. Disease Markers, 2013, 34, 373-377.	0.6	4
77	Galectin-3 Expression in Pancreatic Cell Lines Under Distinct Autophagy-Inducing Stimulus. Microscopy and Microanalysis, 2020, 26, 1187-1197.	0.2	4
78	Glycomic profile of the human parotid gland between 18th and 26th week of fetal development. Journal of Oral Science, 2016, 58, 353-360.	0.7	3
79	Galectin-1, -4, and -7 Were Associated with High Activity of Disease in Patients with Rheumatoid Arthritis. Autoimmune Diseases, 2019, 2019, 1-7.	2.7	3
80	Antibacterial and antitumor activities of a lectin-rich preparation from Microgramma vacciniifolia rhizome. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100093.	1.7	3
81	Synthesis and Anticancer Evaluation of Thiazacridine Derivatives Reveals New Selective Molecules to Hematopoietic Neoplastic Cells. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 713-718.	0.6	2
82	Ability of two new thiazolidinediones to downregulate proinflammatory cytokines in peripheral blood mononuclear cells from children with asthma. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	2
83	Overexpression of UDP-Glucose 4-Epimerase Is Associated with Differentiation Grade of Gastric Cancer. Disease Markers, 2019, 2019, 1-5.	0.6	2
84	Imidazolidine Derivatives in Cancer Research: What is known?. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	0.9	2
85	The glycomic profile of invasive ductal carcinoma of the breast is altered in patients with hypoxic regions: implications for tumor behavior. Folia Histochemica Et Cytobiologica, 2014, 52, 96-103.	0.6	2
86	Evaluation of WGA and Concanavalin A (Con A) lectin as biomarkers of hepatosplenic schistosomiasis in human biopsies with no evidence of egg-granuloma system. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2013, 55, 213-215.	0.5	1
87	Cytokine measurements in Brazilian postmenopausal osteoporosis patients reveal high levels of IL-8. Scientia Medica, 2016, 26, 23399.	0.1	1
88	PVA-Glutaraldehyde as support for lectin immobilization and affinity chromatography. Acta Scientiarum - Biological Sciences, 2016, 38, 291.	0.3	1
89	Evaluation of the action of LPSF/CQ-16 on cytokines and PPAR-Î ³ gene expression after inÂvitro irradiation of peripheral blood mononuclear cells. International Journal of Radiation Biology, 2021, 97, 1649-1656.	1.0	1
90	NÃveis séricos da IL-13 na esclerose sistêmica: uma revisão sistemática com meta-análise / Serum levels of IL-13 in systemic sclerosis: a systematic review with meta-analysis. Brazilian Journal of Health Review, 2021, 4, 5423-5428.	0.0	1

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91	Synthesis, Antitumor Activity and Molecular Docking Studies on Seven Novel Thiazacridine Derivatives. Combinatorial Chemistry and High Throughput Screening, 2020, 23, 359-368.	0.6	1
92	Galectin-12 in Pancreatic Cancer. Pancreas, 2021, 50, e78-e79.	0.5	1
93	Synthesis and biological activities of new phthalimide and thiazolidine derivatives. Medicinal Chemistry Research, 2022, 31, 108.	1.1	1
94	Desafios e conquistas da implementação do diagnóstico molecular da Covid-19 na Universidade Federal de Pernambuco. Estudos Universitários, 2021, 38, 379.	0.1	1
95	Indicação Do Medicamento Talidomida Para O Tratamento De Mieloma Múltiplo: Uma Avaliação Para Atualização Da Rename. Value in Health, 2015, 18, A817.	0.1	0
96	Avaliação Da Eficácia E Segurança Do Ibuprofeno Versus Demais Anti-Inflamatâ€Rios Não Esteroidais, No Tratamento De Recém-Nascidos Prematuros Com Persistência Do Canal Arterial. Value in Health, 2015, 18, A836.	0.1	0
97	N-Acetylglucosaminyltransferase III (GnT-III) but not N-Acetylgalactosaminyltransferase-6 and 8 are Differentially Expressed in Invasive and In Situ Ductal Carcinoma of the Breast. Pathology and Oncology Research, 2019, 25, 759-768.	0.9	0
98	Investigation of a new oxazolidine derivative in human resistance acute leukemia cells: deciphering its mechanism of action by label-free proteomic. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1153-1166.	1.4	0
99	New Oxazolidines Inhibit the Secretion of IFN-γ and IL-17 by PBMCS from Moderate to Severe Asthmatic Patients. Medicinal Chemistry, 2021, 17, 289-297.	0.7	0
100	Avaliação do glicocódigo do carcinoma ductal invasivo mamário e sua correlação com dados clÃnicos e histopatológicos. Revista Brasileira De Ginecologia E Obstetricia, 2009, 31, 626-626.	0.3	0
101	CONA and UEA-I Ligands During Tooth Development Reveals Differences between Human and Rodents Models and Shows the Beginning of Mineral Extracelular Matrix Secretion. International Journal of Morphology, 2012, 30, 1100-1105.	0.1	0
102	Prognostic and predictive biomarkers for hypoxic regions on breast cancer: advances and challenges. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2013, 49, 67-70.	0.3	0
103	Interleukin 17A in Patients With Stable Coronary Artery Disease: Are There Differences According to Gender?. Cardiology Research, 2014, 5, 171-175.	0.5	0
104	Abstract A63: Combination of nonlethal photosensitization with a new imidazacridine derivate reduces UACC-62 cell viability. , 2018, , .		0
105	Pesquisa "Assistência Farmacêutica nas Redes de Atenção à Saúde: um recorte nas regiões QualiSUS - Redeâ€⊷ Resultados da Região Metropolitana do Recife. , 0, , .		0
106	Antioxidant Capacity and Cytotoxicity of the Aqueous Extract of Myrcia guianensis (Aubl.) DC. Pharmacognosy Journal, 2018, 10, s135-s140.	0.3	0
107	Abstract 1977: Chemokines expression in anin vitromodel of melanoma brain metastasis. , 2019, , .		0
108	ASSOCIATION BETWEEN CLINICAL MANIFESTATIONS OF CHIKUNGUNYA FEVER AND GALECTINS. , 0, , .		0

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109	DOES THE USE OF DMARDS INFLUENCE THE PERIODONTAL AND SALIVARY CYTOKINE PROFILES OF WOMEN WITH RHEUMATOID ARTHRITIS?. , 0, , .		0
110	INCREASED IL-27 SERUM LEVELS IN PATIENTS WITH SYSTEMIC SCLEROSIS AND ASSOCIATION WITH ESOPHAGEAL DYSMOTILITY. , 0, , .		0
111	INTERLEUKIN-18-BINDING PROTEIN ISOFORM A (IL-18 BPA): SERUM LEVELS AND CLINICAL ASSOCIATIONS IN SYSTEMIC SCLEROSIS PATIENTS. , 0, , .		0
112	Abstract 1241: Galectin-3 and the modulation of autophagy in the pancreatic cancer microenvironment. , 2020, , .		0
113	Abstract 6481: Clinical Association of Siclec15 in gastric adenocarcinomas patients. , 2020, , .		0
114	<i>Letter to the Editor:</i> Evaluation of IL-33 and IL-34 Plasma Levels in a Cohort of Multiple Myeloma Patients in Northeast Brazil. Journal of Interferon and Cytokine Research, 2020, 40, 540-541.	0.5	0
115	Enhanced rapid commercial DNA extraction kit for the molecular detection of severe acute respiratory syndrome coronavirus 2: Easy adaptation to current protocols. Revista Da Sociedade Brasileira De Medicina Tropical, 2021, 54, e0270.	0.4	0
116	Vitamin D Modulates PAR-4 Expression in an in Vitro Model of Osteoarthritis. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	0
117	ANA-HEp2 pattern evaluation in pancreatic cancer: What can the autoantibodies tell us?. Hepatobiliary and Pancreatic Diseases International, 2022, , .	0.6	0
118	Synthesis, Assessment of Antineoplastic Activity, and Molecular Docking of Novel 2-Thioxo-oxazolidin-4-one Derivatives. Medicinal Chemistry, 2022, 18, 980-989.	0.7	0
119	Evaluation of long-term stability of SARS-CoV-2 nucleic acid extracted from human nasopharyngeal samples. Journal of Virological Methods, 2022, , 114529.	1.0	0
120	Abstract 1977: Chemokines expression in an <i>in vitro</i> model of melanoma brain metastasis. , 2019, , .		0