

Emerson S Bernardes

List of Publications by Year in descending order

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43
papers

1,167
citations

394421

19
h-index

395702

33
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docs citations

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times ranked

1831
citing authors

#	ARTICLE	IF	CITATIONS
1	Knee radiosynovectomy with ¹⁵³ Sm-hydroxyapatite compared to ⁹⁰ Y-hydroxyapatite: initial results of a prospective trial. <i>Annals of Nuclear Medicine</i> , 2021, 35, 232-240.	2.2	3
2	Engineering of galectin-3 for glycan-binding optical imaging. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 674-680.	2.1	3
3	Galectins in Host Defense Against Microbial Infections. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1204, 141-167.	1.6	19
4	Galectin-3 Regulates the Expression of Tumor Glycosaminoglycans and Increases the Metastatic Potential of Breast Cancer. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	1.3	20
5	Colorectal Adenocarcinoma: Imaging using 5-Fluoracil Nanoparticles Labeled with Technetium 99m. <i>Current Pharmaceutical Design</i> , 2019, 25, 3282-3288.	1.9	2
6	Lack of galectin-3 modifies differentially Notch ligands in bone marrow and spleen stromal cells interfering with B cell differentiation. <i>Scientific Reports</i> , 2018, 8, 3495.	3.3	16
7	Diagnosing lung cancer using etoposide microparticles labeled with ^{99m} Tc. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 341-345.	2.8	19
8	In loco retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralosomal nanodrug for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 725-733.	2.8	8
9	Nanoradiopharmaceuticals in current molecular medicine. , 2018, , 553-569.		2
10	Anti-MUC1 nano-aptamers for triple-negative breast cancer imaging by single-photon emission computed tomography in induced animals: initial considerations. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 53-60.	6.7	30
11	MUC1 aptamer-capped mesoporous silica nanoparticles for controlled drug delivery and radio-imaging applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2495-2505.	3.3	91
12	Isolation and partial characterization of 3 nontoxic ^D -galactose-specific isolectins from seeds of <i>Momordica balsamina</i> . <i>Journal of Molecular Recognition</i> , 2017, 30, e2582.	2.1	6
13	Galectin-3 acts as an angiogenic switch to induce tumor angiogenesis via Jagged-1/Notch activation. <i>Oncotarget</i> , 2017, 8, 49484-49501.	1.8	65
14	Nanoradiopharmaceuticals for breast cancer imaging: development, characterization, and imaging in induced animals. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 5847-5854.	2.0	14
15	Larval application of sodium channel homologous dsRNA restores pyrethroid insecticide susceptibility in a resistant adult mosquito population. <i>Parasites and Vectors</i> , 2016, 9, 397.	2.5	35
16	The deficiency of galectin-3 in stromal cells leads to enhanced tumor growth and bone marrow metastasis. <i>BMC Cancer</i> , 2016, 16, 636.	2.6	14
17	Characterization and biodistribution of bevacizumab TPGS-based nanomicelles: Preliminary studies. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 36, 95-98.	3.0	8
18	Lack of galectin-3 increases Jagged1/Notch activation in bone marrow-derived dendritic cells and promotes dysregulation of T helper cell polarization. <i>Molecular Immunology</i> , 2016, 76, 22-34.	2.2	22

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19	Lack of galectin-3 up-regulates IgA expression by peritoneal B1 lymphocytes during B cell differentiation. <i>Cell and Tissue Research</i> , 2016, 363, 411-426.	2.9	15
20	O-glycan sialylation alters galectin-3 subcellular localization and decreases chemotherapy sensitivity in gastric cancer. <i>Oncotarget</i> , 2016, 7, 83570-83587.	1.8	38
21	Abstract 2408: Melatonin action in xenograft model of breast cancer, comparing radiopharmaceuticals in the detection of intratumor heterogeneity by PET/CT confirmed by immunohistochemical markers. , 2016, , .		0
22	Differential development of oil granulomas induced by pristane injection in galectin-3 deficient mice. <i>BMC Immunology</i> , 2015, 16, 68.	2.2	5
23	<i>Candida albicans</i> phospholipomannan: a sweet spot for controlling host response/inflammation. <i>Seminars in Immunopathology</i> , 2015, 37, 123-130.	6.1	14
24	Nanoradiopharmaceuticals for Bone Cancer Metastasis Imaging. <i>Current Cancer Drug Targets</i> , 2015, 15, 445-449.	1.6	5
25	Galectin-3 disruption impaired tumoral angiogenesis by reducing VEGF secretion from TGF- β -induced macrophages. <i>Cancer Medicine</i> , 2014, 3, 201-214.	2.8	42
26	Galectin-3 negatively regulates the frequency and function of CD4 ⁺ CD25 ⁺ Foxp3 ⁺ regulatory T cells and influences the course of <i>Leishmania major</i> infection. <i>European Journal of Immunology</i> , 2013, 43, 1806-1817.	2.9	41
27	Monocyte Migration Driven by Galectin-3 Occurs through Distinct Mechanisms Involving Selective Interactions with the Extracellular Matrix. <i>ISRN Inflammation</i> , 2013, 2013, 1-9.	4.9	20
28	Deficient Beta-Mannosylation of <i>Candida albicans</i> Phospholipomannan Affects the Proinflammatory Response in Macrophages. <i>PLoS ONE</i> , 2013, 8, e84771.	2.5	16
29	Oropouche virus experimental infection in the golden hamster (<i>Mesocricetus auratus</i>). <i>Virus Research</i> , 2011, 155, 35-41.	2.2	22
30	Galectin-3 expression: a useful tool in the differential diagnosis of posterior fossa tumors in children. <i>Child's Nervous System</i> , 2011, 27, 253-257.	1.1	8
31	LPS-Induced Galectin-3 Oligomerization Results in Enhancement of Neutrophil Activation. <i>PLoS ONE</i> , 2011, 6, e26004.	2.5	78
32	Sialylation regulates galectin-3/ligand interplay during mammary tumour progression - a case of targeted uncloning. <i>International Journal of Developmental Biology</i> , 2011, 55, 823-834.	0.6	24
33	Coordinated expression of galectin-3 and galectin-3-binding sites in malignant mammary tumors: implications for tumor metastasis. <i>Glycobiology</i> , 2010, 20, 1341-1352.	2.5	30
34	Lack of Galectin-3 Drives Response to <i>Paracoccidioides brasiliensis</i> toward a Th2-Biased Immunity. <i>PLoS ONE</i> , 2009, 4, e4519.	2.5	49
35	Galectin-3 regulates peritoneal B1-cell differentiation into plasma cells. <i>Glycobiology</i> , 2009, 19, 1248-1258.	2.5	42
36	Neutrophil activation induced by ArtinM: Release of inflammatory mediators and enhancement of effector functions. <i>Immunology Letters</i> , 2009, 123, 14-20.	2.5	40

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37	Azithromycin Reduces Ocular Infection During Congenital Transmission of Toxoplasmosis in the <i>Calomys callosus</i> Model. <i>Journal of Parasitology</i> , 2009, 95, 1005-1010.	0.7	15
38	Lack of galectin-3 alters the balance of innate immune cytokines and confers resistance to <i>Rhodococcus equi</i> infection. <i>European Journal of Immunology</i> , 2008, 38, 2762-2775.	2.9	43
39	Evidence for glycosylation on a DNA-binding protein of <i>Salmonella enterica</i> . <i>Microbial Cell Factories</i> , 2007, 6, 11.	4.0	10
40	Neutrophil haptotaxis induced by mouse MNCF: interactions with extracellular matrix glycoproteins probably contribute to overcoming the anti-inflammatory action of dexamethasone. <i>Inflammation Research</i> , 2007, 56, 368-376.	4.0	8
41	<i>Toxoplasma gondii</i> Infection Reveals a Novel Regulatory Role for Galectin-3 in the Interface of Innate and Adaptive Immunity. <i>American Journal of Pathology</i> , 2006, 168, 1910-1920.	3.8	109
42	Immunization with MIC1 and MIC4 induces protective immunity against <i>Toxoplasma gondii</i> . <i>Microbes and Infection</i> , 2006, 8, 1244-1251.	1.9	67
43	Isolation, purification, and physicochemical characterization of a d-galactose-binding lectin from seeds of <i>Erythrina speciosa</i> . <i>Archives of Biochemistry and Biophysics</i> , 2003, 410, 222-229.	3.0	49