

# Sacha Braun Chaves

## List of Publications by Year in descending order

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28  
papers

725  
citations

623734

14  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance of a Dextran-Coated Magnetic Fluid Intravenously Administered in Mice. <i>Biophysical Journal</i> , 2001, 80, 2483-2486.	0.5	157
2	T Cells Induce Pre-Metastatic Osteolytic Disease and Help Bone Metastases Establishment in a Mouse Model of Metastatic Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e68171.	2.5	93
3	Marginal and internal fit of CAD-CAM-fabricated composite resin and ceramic crowns scanned by 2 intraoral cameras. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 386-392.	2.8	56
4	Biotransformation of magnetic nanoparticles as a function of coating in a rat model. <i>Nanoscale</i> , 2015, 7, 16321-16329.	5.6	52
5	Use of magnetic resonance to study biodistribution of dextran-coated magnetic fluid intravenously administered in mice. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 252, 367-369.	2.3	51
6	Morphological analysis of mouse lungs after treatment with magnetite-based magnetic fluid stabilized with DMSA. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 277-282.	2.3	46
7	Light microscopy and magnetic resonance characterization of a DMSA-coated magnetic fluid in mice. <i>IEEE Transactions on Magnetics</i> , 2002, 38, 3231-3233.	2.1	45
8	Prevention of Distant Lung Metastasis After Photodynamic Therapy Application in a Breast Cancer Tumor Model. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 689-699.	1.1	25
9	The Caries Assessment Spectrum and Treatment (CAST) instrument: construct validation. <i>European Journal of Oral Sciences</i> , 2014, 122, 149-153.	1.5	24
10	Photodynamic therapy mediated by aluminium-phthalocyanine nanoemulsion eliminates primary tumors and pulmonary metastases in a murine 4T1 breast adenocarcinoma model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 204, 111808.	3.8	22
11	The effect of simvastatin on relapse of tooth movement and bone mineral density in rats measured by a new method using microtomography. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 319-327.	0.7	20
12	Magnetite-gold core-shell nanostructures ( $\text{Fe}_3\text{O}_4/\text{Au}$ ) surface-functionalized with aluminium phthalocyanine for multi-task imaging and therapy. <i>RSC Advances</i> , 2017, 7, 11223-11232.	3.6	16
13	Early bony changes associated with bisphosphonate-related osteonecrosis of the jaws in rats: A longitudinal in vivo study. <i>Archives of Oral Biology</i> , 2017, 82, 79-85.	1.8	15
14	Selol nanocapsules with a poly(methyl vinyl ether-co-maleic anhydride) shell conjugated to doxorubicin for combinatorial chemotherapy against murine breast adenocarcinoma in vivo. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1046-1052.	2.8	15
15	From cow manure to bioactive carbon dots: a light-up probe for bioimaging investigations, glucose detection and potential immunotherapy agent for melanoma skin cancer. <i>RSC Advances</i> , 2021, 11, 6346-6352.	3.6	15
16	Interleukin-1 and interleukin-6 production in mice's lungs induced by 2, 3 meso-dimercaptosuccinic-coated magnetic nanoparticles. <i>Journal of Applied Physics</i> , 2005, 97, 10Q915.	2.5	12
17	Magnetic resonance of polyaspartic acid-coated magnetite nanoparticles administered in mice. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 4108-4110.	2.1	10
18	Evaluation of ovarian structures using computerized microtomography. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 2131-2139.	0.8	10

#	ARTICLE	IF	CITATIONS
19	Preparation of terpolymer capsules containing <i>Rosmarinus officinalis</i> essential oil and evaluation of its antifungal activity. RSC Advances, 2019, 9, 22586-22596.	3.6	10
20	Evaluation of the Binding Properties of Maghemite Nanoparticle Surface-Coated with Meso-2-3-Dimercaptosuccinic Acid to Serum Albumin. Journal of Nanoscience and Nanotechnology, 2008, 8, 5813-5817.	0.9	6
21	Leukocyte transepithelial migration in lung induced by DMSA functionalized magnetic nanoparticles. Cell Adhesion and Migration, 2011, 5, 29-33.	2.7	6
22	Well Defined Poly(Methyl Methacrylate)-Fe <sub>3</sub> O <sub>4</sub> /Poly(Vinyl Pivalate) Core-Shell Superparamagnetic Nanoparticles: Design and Evaluation of In Vitro Cytotoxicity Activity Against Cancer Cells. Polymers, 2020, 12, 2868.	4.5	6
23	In vitro skin model for the evaluation of burn healing drug delivery systems. Journal of Drug Delivery Science and Technology, 2021, 62, 102330.	3.0	5
24	Microcomputed Tomography Evaluation of Dentine Mineral Concentration in Primary Molars Managed by Three Treatment Protocols. Caries Research, 2018, 52, 303-311.	2.0	4
25	A New Design for Magnetic Poly(vinyl pivalate) for Biomedical Applications: Synthesis, Characterization, and Evaluation of Cytotoxicity in Fibroblasts, Keratinocytes, and Human Melanoma Cells. Colloids and Interfaces, 2022, 6, 7.	2.1	2
26	Nanodispersions of magnetic poly(vinyl pivalate) for biomedical applications: Synthesis and in vitro evaluation of its cytotoxicity in cancer cells. Materials Today Communications, 2021, 27, 102333.	1.9	1
27	Evaluation of the binding properties of maghemite nanoparticle surface-coated with meso-2-3-dimercaptosuccinic acid to serum albumin. Journal of Nanoscience and Nanotechnology, 2008, 8, 5813-7.	0.9	1
28	A new scent organ for <i>Gymnodactylus</i> lizards (Squamata: Phyllodactylidae) and an updated evolutionary scenario for the origin of squamate epidermal glands. Biological Journal of the Linnean Society, 2018, , .	1.6	0