

# Marcos Pinotti

## List of Publications by Year in descending order

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54  
papers

1,161  
citations

471477

17  
h-index

395678

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel active magnetorheological knee prosthesis presents low energy consumption during ground walking. <i>Journal of Intelligent Material Systems and Structures</i> , 2021, 32, 1591-1603.	2.5	19
2	Influence of light transmission through fiber posts: Quantitative analysis, microhardness, and on bond strength of a resin cement. <i>Indian Journal of Dental Research</i> , 2018, 29, 74.	0.4	1
3	Clinical evaluation of a low-cost robot for use in physiotherapy and gait training. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2017, 4, 205566831668841.	0.9	11
4	Quantification and Analysis of Leaflet Flutter on Biological Prosthetic Cardiac Valves. <i>Artificial Organs</i> , 2017, 41, 835-844.	1.9	13
5	Evaluation of polymeric PLGA nanoparticles conjugated to curcumin for use in aPDT. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017, 53, .	1.2	11
6	Photodynamic therapy efficiently controls dermatophytosis caused by <i>Trichophyton rubrum</i> in a murine model. <i>British Journal of Dermatology</i> , 2015, 172, 801-804.	1.5	23
7	Evaluation of healing of pressure ulcers through thermography: a preliminary study. <i>Research on Biomedical Engineering</i> , 2015, 31, 3-9.	2.2	17
8	Melanin Protects <i>Paracoccidioides brasiliensis</i> from the Effects of Antimicrobial Photodynamic Inhibition and Antifungal Drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4003-4011.	3.2	23
9	A computational model for dynamic analysis of the human gait. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2015, 18, 799-804.	1.6	8
10	Effects of low-power light therapy on wound healing: LASER x LED. <i>Anais Brasileiros De Dermatologia</i> , 2014, 89, 616-623.	1.1	193
11	Dispositivo fotobiomodulador para prevenç�o e tratamento de hiperqueratose de teto em vacas leiteiras. <i>Pesquisa Veterinaria Brasileira</i> , 2014, 34, 515-522.	0.5	3
12	The Influence of Dynamic Orthosis Training on Upper Extremity Function after Stroke: A Pilot Study. <i>Journal of Healthcare Engineering</i> , 2014, 5, 55-66.	1.9	3
13	Photodynamic inhibition of <i>Trichophyton rubrum</i> : in vitro activity and the role of oxidative and nitrosative bursts in fungal death. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 354-361.	3.0	50
14	Chronic Effects of Different Frequencies of Local Vibrations. <i>International Journal of Sports Medicine</i> , 2012, 33, 123-129.	1.7	14
15	3D measurement of human plantar foot by projection moir� technique. <i>International Journal of Mechatronics and Manufacturing Systems</i> , 2012, 5, 3.	0.1	2
16	Phototoxic action of light emitting diode in the in vitro viability of <i>Trichophyton rubrum</i> . <i>Anais Brasileiros De Dermatologia</i> , 2012, 87, 250-255.	1.1	24
17	LED Phototherapy Improves Healing of Nipple Trauma: A Pilot Study. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 172-178.	2.0	29
18	Influ�ncia de diferentes cal�sados na postura e na atividade dos m�sculos do tronco. <i>ConScientiae Sa�de</i> , 2012, 11, 462-469.	0.1	1

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19	Effects of Intensive Arm Training With an Electromechanical Orthosis in Chronic Stroke Patients: A Preliminary Study. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1746-1753.	0.9	15
20	Improvement of hand function in children with cerebral palsy via an orthosis that provides wrist extension and thumb abduction. Clinical Biomechanics, 2011, 26, 937-943.	1.2	17
21	<i>Cryptococcus gattii</i> : In Vitro Susceptibility to Photodynamic Inactivation. Photochemistry and Photobiology, 2011, 87, 357-364.	2.5	28
22	Vaginal Tissue Properties versus Increased Intra-Abdominal Pressure: A Preliminary Biomechanical Study. Gynecologic and Obstetric Investigation, 2011, 71, 145-150.	1.6	11
23	An approach on determining the displacements of the pelvic floor during voluntary contraction using numerical simulation and MRI. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 365-370.	1.6	18
24	Simulação unidimensional da transferência de calor na articulação do joelho canino durante os processos de aquecimento e de resfriamento terapêuticos. Revista Brasileira De Engenharia Biomedica, 2011, 27, 163-174.	0.3	1
25	Translation of biomechanics research to urogynecology. Archives of Gynecology and Obstetrics, 2010, 282, 149-155.	1.7	12
26	Evaluation of pelvic floor muscle cross-sectional area using a 3D computer model based on MRI in women with and without prolapse. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2010, 153, 110-111.	1.1	6
27	Multidirectional Pelvic Floor Muscle Strength Measurement. Annals of Biomedical Engineering, 2009, 37, 1594-1600.	2.5	14
28	In vitro photodynamic inactivation of Candida spp. growth and adhesion to buccal epithelial cells. Journal of Photochemistry and Photobiology B: Biology, 2009, 94, 65-70.	3.8	68
29	Surface evaluation of cardiac angiographic catheters after simulated use and reprocessing. Applied Surface Science, 2009, 256, 1419-1425.	6.1	7
30	Simulador mecânico para o levantador do ânus. Revista Brasileira De Engenharia Biomedica, 2009, 25, 83-87.	0.3	1
31	Hip Orthosis Powered by Pneumatic Artificial Muscle: Voluntary Activation in Absence of Myoelectrical Signal. Artificial Organs, 2008, 32, 317-322.	1.9	37
32	Light Transmission through a Translucent Fiber Post. Journal of Endodontics, 2008, 34, 299-302.	3.1	75
33	Investigation of Mast Cells in Human Gingiva Following Low-Intensity Laser Irradiation. Photomedicine and Laser Surgery, 2008, 26, 315-321.	2.0	35
34	Controle de força de preensão para uma prótese de mão por meio da análise da corrente elétrica do atuador. Revista Materia, 2007, 12, 173-178.	0.2	0
35	Clinical Study of the Gingiva Healing after Gingivectomy and Low-Level Laser Therapy. Photomedicine and Laser Surgery, 2006, 24, 588-594.	2.0	131
36	Critical flow regions in tissue artificial heart valve assessed by laser doppler anemometer in continuous flow. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2006, 28, 259.	1.6	2

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37	Reatividade em ambiente de contenção m <sup>3</sup> vel: uma nova metodologia para avaliar o temperamento bovino. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2006, 58, 1123-1131.	0.4	10
38	Particle Image Velocimetry for Flow Analysis in Longitudinal Planes across a Mechanical Artificial Heart Valve. Artificial Organs, 2004, 28, 507-513.	1.9	15
39	Cardiac valve prosthesis flow performances measured by 2D and 3D-stereo particle image velocimetry. Experiments in Fluids, 2004, 36, 176-186.	2.4	24
40	Guest Editorial: 2nd Latin American Congress for Artificial Organs and Biomaterials. Artificial Organs, 2003, 27, 397-397.	1.9	2
41	Improvement on the Auxiliary Total Artificial Heart (ATAH) Left Chamber Design. Artificial Organs, 2003, 27, 452-456.	1.9	5
42	Modeling and Simulation of Pulsatile Blood Flow with a Physiologic Wave Pattern. Artificial Organs, 2003, 27, 478-485.	1.9	11
43	<title>Vibration measurement on artificial heart valve by laser Doppler vibrometry</title>. , 2002, 4827, 159.		4
44	<title>Development of an experimental test bench for the measurement of fluid dynamic behavior of mechanical heart valve</title>. , 2001, 4263, 65.		1
45	<title>Particle image velocimetry for flow analysis in mechanical artificial heart valves</title>. , 2001, , .		0
46	First Latin American Congress for Artificial Organs and Biomaterials. Artificial Organs, 2000, 24, 167-167.	1.9	2
47	Is there correlation between the turbulent eddies size and mechanical hemolysis ?. Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences, 2000, 22, 565-569.	0.1	6
48	Aperfeiçoamento em prótese intraluminal sem sutura, para substituir o segmento da aorta: comunicação breve. Brazilian Journal of Cardiovascular Surgery, 1999, 14, 355-357.	0.6	0
49	Evaluation of two laser systems for intracanal irradiation. , 1999, , .		6
50	<title>Carotid artery pulse wave measured by a laser vibrometer</title>. , 1998, , .		23
51	Estimating Mechanical Blood Trauma in a Centrifugal Blood Pump: Laser Doppler Anemometer Measurements of the Mean Velocity Field. Artificial Organs, 1996, 20, 546-552.	1.9	10
52	Temperature changes under Ho:YLF irradiation. , 1996, , .		10
53	Computational Prediction of Hemolysis in a Centrifugal Ventricular Assist Device. Artificial Organs, 1995, 19, 267-273.	1.9	41
54	Tyrosinase-mediated quinone tanning of chitinous materials. Carbohydrate Polymers, 1994, 24, 295-300.	10.2	62