

Benedito de Moraes Purquerio

List of Publications by Year in descending order

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34
papers

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1163117

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16
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all docs

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docs citations

34
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear of dental resin composites: Insights into underlying processes and assessment methodsâ€”A review. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 65B, 280-285.	3.1	110
2	Bone Response to Porous Alumina Implants Coated with Bioactive Materials, Observed Using Different Characterization Techniques. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 223-235.	1.6	19
3	A new design for an old concept of wheelchair pushrim. <i>Disability and Rehabilitation: Assistive Technology</i> , 2012, 7, 234-241.	2.2	17
4	Influence of the green-machining parameters on the mechanical properties of alumina rods. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3475-3484.	3.0	13
5	The effect of permeability distribution on the numerical analysis of aerostatic ceramic porous bearings. <i>Lubrication Science</i> , 2013, 25, 185-194.	2.1	11
6	Critical aspects on the behavior of material from the mechanical tool-workpiece interaction in single point diamond turning. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 1999, 21, 509-518.	0.1	11
7	Ceramic matrices applied to aerostatic porous journal bearings: material characterization and bearing modeling. <i>Ceramica</i> , 2010, 56, 201-211.	0.8	10
8	Cartilage reconstruction using self-anchoring implant with functional gradient. <i>Materials Research</i> , 2014, 17, 638-649.	1.3	10
9	Conceptual project of a servo-controlled power-assisted wheelchair. , 2014, , .		10
10	Modified Reynolds Equation for Aerostatic Porous Radial Bearings With Quadratic Forchheimer Pressure-Flow Assumption. <i>Journal of Tribology</i> , 2008, 130, .	1.9	9
11	Compression tests of castor oil biopolymer. <i>Materials Research</i> , 2006, 9, 327-334.	1.3	7
12	Direct Manufacture of Hydroxyapatite Scaffolds Using Blue Laser. <i>Materials Science Forum</i> , 0, 805, 128-133.	0.3	6
13	Comparison of Two Composites Developed to be Used as Bone Replacement â€” PMMA/Bioglass 45S5Â® Microfiber and PMMA/Hydroxyapatite. <i>Bioceramics Development and Applications</i> , 2016, 04, .	0.3	5
14	Finite Element Simulation of Ceramic Powder Isostatic Pressing Process Using Material Parameters for Uniaxial Compaction. <i>Materials Science Forum</i> , 2003, 416-418, 561-566.	0.3	4
15	A new walking aid with axillary support for children with cerebral palsy: electromyographic evaluation. <i>Disability and Rehabilitation: Assistive Technology</i> , 2013, 8, 507-510.	2.2	4
16	Desenvolvimento de pÃ³s Ã base de gesso e binder para prototipagem rÃ¡pida. <i>Ceramica</i> , 2013, 59, 401-408.	0.8	4
17	A new concept of orthosis for correcting fingers ulnar deviation. <i>Research on Biomedical Engineering</i> , 2017, 33, 50-57.	2.2	4
18	The Low Pressure Injection Moulding of Stainless Steel Powder. <i>Key Engineering Materials</i> , 2001, 189-191, 467-472.	0.4	3

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19	Microfiltration with chemistry treating of commercial membranes and microporous tubes for retention of bacteria E. coli on processing of wastewater of dairy products. Desalination, 2006, 200, 313-315.	8.2	2
20	Porous Alumina Scaffolds with Bioactive Coating: Implants in the Rat Tibia and <i>In Vitro</i> Studies. Key Engineering Materials, 2008, 396-398, 699-702.	0.4	2
21	Manufacturing of Porous Alumina Scaffolds with Bio-Glass and HAp Coating: Mechanical and <i>In Vitro</i> Evaluation. Key Engineering Materials, 2008, 396-398, 679-682.	0.4	2
22	Concept of a Bioactive Implant with Functional Gradient Structure. Key Engineering Materials, 0, 396-398, 221-224.	0.4	2
23	Prensa isostática de vasos gêmeos: projeto. Ceramica, 2014, 60, 199-204.	0.8	2
24	Manufacturing of Green Ceramic Balls: Machine and Process. Materials Science Forum, 0, 881, 200-205.	0.3	2
25	Manufacturing of Ceramic Spheres for Orthopaedic Implants. Key Engineering Materials, 2001, 189-191, 85-90.	0.4	1
26	Projeto de um banco de ensaio de desgaste do tipo "pin-on-disc". Ceramica, 2014, 60, 443-448.	0.8	1
27	Synthetic granite composite for precision equipment structures. Revista Materia, 2018, 23, .	0.2	1
28	Synthetic Granite for Precision Equipment: Conception, Analysis and Processing. Key Engineering Materials, 2001, 189-191, 73-78.	0.4	0
29	Mechanical Behavior of Hip Implant Constituted of a Ceramic Sphere and Stem of Polyurethane Resin. Materials Science Forum, 2003, 416-418, 675-680.	0.3	0
30	Modified Reynolds Equation for Aerostatic Porous Radial Bearings With Quadratic Forchheimer Pressure-Flow Assumption. , 2007, , 197.		0
31	Porous Gradient Implant for Mandible and Craniofacial Surgery. Key Engineering Materials, 0, 396-398, 269-272.	0.4	0
32	Swan Neck Deformity Orthosis Development: Aoa (Articulated Ring Orthosis). Journal of Hand Therapy, 2012, 25, e9-e10.	1.5	0
33	Desenvolvimento de scaffolds bioativos do composto polimetilmetacrilato e hidroxiapatita: análise in vitro. IFMBE Proceedings, 2007, , 1196-1198.	0.3	0
34	The influence of methods of injection moulding and isostatic pressing on structural ceramics performance. Ceramica, 1998, 44, 183-188.	0.8	0