

# Gean Vitor Salmoria

## List of Publications by Year in descending order

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71  
papers

1,483  
citations

331538

21  
h-index

345118

36  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan/ $\beta$ -TCP composites scaffolds coated with silk fibroin: a bone tissue engineering approach. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 015003.	1.7	7
2	Polymeric implants with drug-releasing capabilities: a mapping review of laboratory research. <i>Drug Development and Industrial Pharmacy</i> , 2022, , 1-11.	0.9	0
3	Influence of Breast Implant Surface Finishing on Physicochemical and Mechanical Properties before and after Extreme Degradation Studies. <i>International Journal of Biomaterials</i> , 2021, 2021, 1-9.	1.1	1
4	A study on the response of PLGA 85/15 under compression and heat-treatment testing cycles. <i>Mechanics of Time-Dependent Materials</i> , 2020, 25, 411.	2.3	2
5	Additive Manufactured Nanocomposites for Bone Tissue Engineering Applications: an Overview. <i>Materials Research</i> , 2020, 23, .	0.6	8
6	Physicochemical characterization, drug release and mechanical analysis of ibuprofen-loaded uhmwpe for orthopedic applications. <i>Polimeros</i> , 2020, 30, .	0.2	1
7	Hot extrusion of PE/fluorouracil implantable rods for targeted drug delivery in cancer treatment. <i>Polymer Bulletin</i> , 2019, 76, 1825-1838.	1.7	6
8	Evaluation of invitro degradation of commercially available breast implants. <i>Polymer Testing</i> , 2019, 79, 106033.	2.3	3
9	Thermomechanical and in vitro biological characterization of injection-molded PLGA craniofacial plates. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2019, 17, 228080001983159.	0.7	6
10	Investigation on the structure, cross-link, and oxidation index of ultra high molecular weight polyethylene acetabular liners. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 101, 235-241.	1.5	4
11	Structure and mechanical properties of 3D-printed cellulose tablets by fused deposition modeling. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 100, 2767-2774.	1.5	12
12	Properties of PLDLA/bioglass scaffolds produced by selective laser sintering. <i>Polymer Bulletin</i> , 2018, 75, 1299-1309.	1.7	17
13	Preparation of ibuprofen-loaded HDPE tubular devices for application as urinary catheters. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45661.	1.3	3
14	Scanning Electron Microscopy and Energy-Dispersive X-Ray Spectroscopy as a Valuable Tool to Investigate the Ultra-High-Molecular-Weight Polyethylene Wear Mechanisms and Debris in Hip Implants. <i>Journal of Arthroplasty</i> , 2018, 33, 258-262.	1.5	10
15	Characterization of PA12/PBT specimens prepared by selective laser sintering. <i>Optics and Laser Technology</i> , 2018, 98, 92-96.	2.2	30
16	Additive Manufacturing of PE/fluorouracil/progesterone intrauterine device for endometrial and ovarian cancer treatments. <i>Polymer Testing</i> , 2018, 71, 312-317.	2.3	30
17	Glucosamine Hydrochloride and N-Acetylglucosamine Influence the Response of Bovine Chondrocytes to TGF- $\beta$ 3 and IGF in Monolayer and Three-Dimensional Tissue Culture. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 781-791.	1.6	3
18	Properties of injection-molded poly (l-co-d,l-lactic acid) using different melt temperatures and stress concentrator in the specimen geometry. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 2231-2237.	1.5	5

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19	Ibuprofen-loaded PCL meshes manufactured using rapid tooling for ocular orbital repair. <i>Polymer Testing</i> , 2017, 62, 33-40.	2.3	3
20	Laser Printing of PCL/Progesterone Tablets for Drug Delivery Applications in Hormone Cancer Therapy. <i>Lasers in Manufacturing and Materials Processing</i> , 2017, 4, 108-120.	1.2	21
21	Structure and properties of polycaprolactone/ibuprofen rods prepared by melt extrusion for implantable drug delivery. <i>Polymer Bulletin</i> , 2017, 74, 4973-4987.	1.7	19
22	Graded Composites of Polyamide/Carbon Nanotubes Prepared by Laser Sintering. <i>Lasers in Manufacturing and Materials Processing</i> , 2017, 4, 36-44.	1.2	7
23	Effect of Injection Molding Melt Temperatures on PLGA Craniofacial Plate Properties during <i>In Vitro</i> Degradation. <i>International Journal of Biomaterials</i> , 2017, 2017, 1-11.	1.1	18
24	Influence of Processing Conditions on the Mechanical Behavior and Morphology of Injection Molded Poly(lactic-co-glycolic acid) 85:15. <i>International Journal of Biomaterials</i> , 2017, 2017, 1-8.	1.1	5
25	Selective Laser Sintering of Polyamide/Hydroxyapatite Scaffolds. <i>Minerals, Metals and Materials Series</i> , 2017, , 95-103.	0.3	2
26	Manufacturing of PCL/SAg tubes by melt-extrusion for nerve regeneration: Structure and mechanical properties. <i>Polymer Testing</i> , 2016, 55, 160-165.	2.3	5
27	Development of PCL/Ibuprofen Tubes for Peripheral Nerve Regeneration. <i>Procedia CIRP</i> , 2016, 49, 193-198.	1.0	15
28	PCL/Ibuprofen Implants Fabricated by Selective Laser Sintering for Orbital Repair. <i>Procedia CIRP</i> , 2016, 49, 188-192.	1.0	30
29	Graft tendon slippage with metallic and bioabsorbable interference screws under cyclic load: a biomechanical study in a porcine model. <i>Research on Biomedical Engineering</i> , 2015, 31, 56-61.	1.5	1
30	Simple extension of Lemaitre's elastoplastic damage model to account for hydrolytic degradation. <i>Latin American Journal of Solids and Structures</i> , 2014, 11, 884-906.	0.6	2
31	Scaffolds of PDLA/bioglass 58S produced via selective laser sintering. <i>Materials Research</i> , 2014, 17, 33-38.	0.6	23
32	A study on fiber sedimentation velocity in epoxy/steel fiber composites used for hybrid injection molds. <i>Journal of Composite Materials</i> , 2014, 48, 3347-3353.	1.2	1
33	Torsion test method for mechanical characterization of PLDLA 70/30 ACL interference screws. <i>Polymer Testing</i> , 2014, 34, 34-41.	2.3	6
34	Production and characterization of cornstarch/cellulose acetate/silver sulfadiazine extrudate matrices. <i>Materials Science and Engineering C</i> , 2014, 44, 225-233.	3.8	18
35	Manufacturing of Porous Polycaprolactone Prepared with Different Particle Sizes and Infrared Laser Sintering Conditions: Microstructure and Mechanical Properties. <i>Advances in Mechanical Engineering</i> , 2014, 6, 640496.	0.8	14
36	Process optimization for PA12/MWCNT nanocomposite manufacturing by selective laser sintering. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 66, 1977-1985.	1.5	27

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37	The effects of laser energy density and particle size in the selective laser sintering of polycaprolactone/progesterone specimens: morphology and drug release. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 66, 1113-1118.	1.5	47
38	Functional graded scaffold of HDPE/HA prepared by selective laser sintering: microstructure and mechanical properties. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 65, 1529-1534.	1.5	35
39	Influence of process parameters on microstructure and mechanical properties of starch-cellulose acetate/silver sulfadiazine matrices prepared by melt extrusion. <i>Polymer Testing</i> , 2013, 32, 1123-1127.	2.3	17
40	Tratamento da Superfície de Cateteres de Poliamida 11 por Plasma de Oxigênio. <i>Polimeros</i> , 2013, 23, 565-569.	0.2	4
41	Influência do pH nas propriedades físico-químicas, térmicas e mecânicas de filmes de poli(vinil) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	1
42	Development of functionally-graded reservoir of PCL/PG by selective laser sintering for drug delivery devices. <i>Virtual and Physical Prototyping</i> , 2012, 7, 107-115.	5.3	37
43	Efeito do tratamento alcalino de fibras de juta no comportamento mecânico de compósitos de matriz epóxi. <i>Polimeros</i> , 2012, 22, 339-344.	0.2	17
44	Mechanical properties of PA6/PA12 blend specimens prepared by selective laser sintering. <i>Polymer Testing</i> , 2012, 31, 411-416.	2.3	100
45	Microstructural characterization and mechanical properties of functionally graded PA12/HDPE parts by selective laser sintering. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 59, 583-591.	1.5	36
46	Hybrid Moulds with Epoxy-based Composites – Effects of Materials and Processing on Shrinkage and Warpage. <i>International Polymer Processing</i> , 2011, 26, 256-264.	0.3	1
47	SEBS/PPy.DBSA blends: Preparation and evaluation of electromechanical and dynamic mechanical properties. <i>Journal of Applied Polymer Science</i> , 2011, 120, 351-359.	1.3	21
48	Microstructural and mechanical characterization of PA12/MWCNTs nanocomposite manufactured by selective laser sintering. <i>Polymer Testing</i> , 2011, 30, 611-615.	2.3	130
49	A study on morphological properties of laser sintered functionally graded blends of amorphous thermoplastics. <i>International Journal of Materials and Product Technology</i> , 2010, 39, 205.	0.1	14
50	Tratamento de superfície de tubos de poliamida 11 com chama para deposição de revestimento hidrofóbico biomédico. <i>Polimeros</i> , 2010, 20, 205-209.	0.2	1
51	Statistical evaluation of laser energy density effect on mechanical properties of polyamide parts manufactured by selective laser sintering. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2910-2919.	1.3	91
52	Structure and mechanical properties of cellulose based scaffolds fabricated by selective laser sintering. <i>Polymer Testing</i> , 2009, 28, 648-652.	2.3	97
53	The microstructural characterization of PA6/PA12 blend specimens fabricated by selective laser sintering. <i>Polymer Testing</i> , 2009, 28, 746-751.	2.3	46
54	Selective laser sintering of PA12/HDPE blends: Effect of components on elastic/plastic behavior. <i>Polymer Testing</i> , 2008, 27, 654-659.	2.3	53

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55	Investigations on cure kinetics and thermal degradation of stereolithography Reshape <sup>®</sup> , <sup>®</sup> 5260 photosensitive resin. <i>Polymer Testing</i> , 2008, 27, 698-704.	2.3	23
56	Rapid manufacturing and rapid tooling of polymer miniaturized parts using Stereolithography. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2008, 30, 7-10.	0.8	2
57	Influência do desempenho térmico de moldes fabricados com composto epóxi/alumínio nas propriedades de pp moldado por injeção. <i>Polimeros</i> , 2008, 18, 262-269.	0.2	6
58	Study of tribological properties of moulds obtained by stereolithography. <i>Virtual and Physical Prototyping</i> , 2007, 2, 29-36.	5.3	18
59	Rapid manufacturing of polyethylene parts with controlled pore size gradients using selective laser sintering. <i>Materials Research</i> , 2007, 10, 211-214.	0.6	68
60	Rapid manufacturing of PA/HDPE blend specimens by selective laser sintering: Microstructural characterization. <i>Polymer Testing</i> , 2007, 26, 361-368.	2.3	63
61	Moldagem por injeção da PA 6.6 em moldes de estereolitografia metalizados com Ni-P pelo processo electroless. <i>Polimeros</i> , 2007, 17, 88-92.	0.2	1
62	Stereolithography Somos 7110 photosensitive resin: study of curing kinetic and thermal degradation. <i>Journal of Materials Processing Technology</i> , 2005, 168, 164-171.	3.1	21
63	Stereolithography somos 7110 resin: mechanical behavior and fractography of parts post-cured by different methods. <i>Polymer Testing</i> , 2005, 24, 157-162.	2.3	51
64	Acylation and Related Reactions under Microwaves. 5. Development to Large Laboratory Scale with a Continuous-Flow Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2001, 40, 4485-4490.	1.8	39
65	PREPARATION OF AROMATIC ETHERS AND DIOXOLANES UNDER MICROWAVE IRRADIATION. <i>Synthetic Communications</i> , 2001, 31, 3323-3328.	1.1	12
66	NMR and semi-empirical study of the tautomerism of 1,2,2'-bisbenzimidazolyl. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 411-418.	0.9	11
67	Aromatic nucleophilic substitutions under microwave irradiation. <i>Tetrahedron Letters</i> , 1998, 39, 2471-2474.	0.7	23
68	Isomerization of Safrole and Eugenol Under Microwave Irradiation. <i>Synthetic Communications</i> , 1997, 27, 4335-4340.	1.1	30
69	Manufacturing Techniques: Polymer Implants as Drug Delivery Systems for Cancer Therapy. <i>Materials Science Forum</i> , 0, 1012, 494-499.	0.3	0
70	Selective Laser Sintering of Biomaterials and Composites State of the Art and Perspectives. <i>Materials Science Forum</i> , 0, 1012, 278-283.	0.3	1
71	Mechanical characterization of hydrolysis effects on the stiffness of bioabsorbable polymeric filaments: An experimental and modeling approach based on a simple constitutive damage model. <i>Polymers and Polymer Composites</i> , 0, , 096739112199882.	1.0	1