Lemos, M F

List of Publications by Year
in descending order

18 papers	131 citations	1478505 6 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	113 citing authors

#	Article	IF	Citations
1	Can green nitrocellulose-based propellants be made through the replacement of diphenylamine by the natural product curcumin?. Journal of Energetic Materials, 2022, 40, 218-241.	2.0	12
2	On the replacement of traditional stabilizers by guaiacol in environmentally safe nitrocellulose-based propellants. Clean Technologies and Environmental Policy, 2022, 24, 1837-1849.	4.1	7
3	Effect of Alkaline Treatment and Graphene Oxide Coating on Thermal and Chemical Properties of Hemp (Cannabis Sativa L.) Fibers. Journal of Natural Fibers, 2022, 19, 12168-12181.	3.1	10
4	On the functionalization and characterization of hydroxylâ€terminated polybutadiene with octylâ€1â€azide and the evaluation of polyurethane elastomers based on such modified HTPB. Journal of Applied Polymer Science, 2021, 138, 49981.	2.6	3
5	Thermal and Chemical Characterization of Kenaf Fiber (Hibiscus cannabinus) Reinforced Epoxy Matrix Composites. Polymers, 2021, 13, 2016.	4.5	24
6	Physical and Mechanical Characterization of Titica Vine (Heteropsis flexuosa) Incorporated Epoxy Matrix Composites. Polymers, 2021, 13, 4079.	4.5	13
7	Evaluation of Polyurethane Elastomers for Encapsulation of Hydroacoustic Transducers. Macromolecular Symposia, 2020, 394, 2000083.	0.7	4
8	Development of Nitrocellulose-based Propellants With Natural Stabilizers. Journal of Aerospace Technology and Management, 2020, , 3-6.	0.3	6
9	Evaluation of Processing Parameters for Densification of Composite Propellants. Journal of Aerospace Technology and Management, 2020, , 11-14.	0.3	2
10	Numerical Aerodynamic Simulation of an Artillery Projectile with a Base Bleed System. , 2020, , .		0
11	SIMULATION AND STATIC TESTS OF BASE BLEED GAS GENERATORS. , 2020, , .		0
12	NUMERICAL SOLUTIONS FOR A BALLISTIC TRAJECTORY WITH DRAG REDUCTION PROVIDED BY A BASE BLEED UNIT. , 2020, , .		0
13	SÃNTESE DE POLIÃ“IS POLIÃ‰STER DE ORIGEM NATURAL COM POTENCIAL USO EM SISTEMAS DE PROPULSÃƒO. , 2020, , .		0
14	Binder technology applied to propellants. , 2020, , .		0
15	Application of azide-containing molecules as modifiers of HTPB. Journal of Thermal Analysis and Calorimetry, 2019, 137, 411-419.	3.6	14
16	DMA of polyester-based polyurethane elastomers for composite rocket propellants containing different energetic plasticizers. Journal of Thermal Analysis and Calorimetry, 2018, 131, 595-600.	3.6	29
17	Evaluation of Filler Effects on the Dynamic Mechanical Behavior of HTPB-Elastomer Used as Binder in Exemplary Composite Formulations. Journal of Aerospace Technology and Management, 2017, 9, 379-388.	0.3	6
18	Evaluation of the Fatigue Life of High-Strength Low-Alloy Steel Girth Welds in Aqueous Saline Environments with Varying Carbon Dioxide Partial Pressures. Journal of Materials Engineering and Performance, 2012, 21, 1254-1259.	2.5	1