Alaelson Gomes

List of Publications by Year
in descending order

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23 papers	278 citations	1162889 8 h-index	996849 15 g-index
23 all docs	23 docs citations	23 times ranked	206 citing authors

#	Article	IF	Citations
1	Novel ballistic ramie fabric composite competing with Kevlarâ„¢ fabric in multilayered armor. Materials and Design, 2016, 96, 263-269.	3.3	90
2	Ballistic comparison between epoxy-ramie and epoxy-aramid composites in Multilayered Armor Systems. Journal of Materials Research and Technology, 2018, 7, 541-549.	2.6	49
3	Natural Mallow Fiber-Reinforced Epoxy Composite for Ballistic Armor Against Class III-A Ammunition. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4425-4431.	1.1	21
4	Ballistic Performance of Mallow and Jute Natural Fabrics Reinforced Epoxy Composites in Multilayered Armor. Materials Research, 2017, 20, 399-403.	0.6	21
5	How effective is a convex Al 2 O 3 â€“Nb 2 O 5 ceramic armor?. Ceramics International, 2016, 42, 7844-7847.	2.3	15
6	Effect of LiF as Sintering Agent on the Densification and Phase Formation in Al2O3-4 Wt Pct Nb2O5 Ceramic Compound. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4432-4440.	1.1	11
7	Mechanical properties and ballistic behavior of LiF-added Al2O3â€“4 wt%Nb2O5 ceramics. Journal of Materials Research and Technology, 2018, 7, 592-597.	2.6	11
8	Ballistic Performance in Multilayer Armor with Epoxy Composite Reinforced with Malva Fibers. Minerals, Metals and Materials Series, 2017, , 331-338.	0.3	10
9	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.	1.7	10
10	Response to Ballistic Impact of Alumina-UHMWPE Composites. Materials Research, 2018, 21, .	0.6	8
11	Evaluation of Ballistic Armor Behavior with Epoxy Composite Reinforced with Malva Fibers. Minerals, Metals and Materials Series, 2017, , 647-655.	0.3	7
12	Processing and Properties of Niobia-Doped Alumina Sintered at 1400^oC. Materials Science Forum, 0, 798-799, 665-670.	0.3	4
13	Alumina and low density polyethylene composite for ballistics applications. Journal of Materials Research and Technology, 2021, 14, 1791-1799.	2.6	4
14	Comparative Study of Solid-Phase and Liquid-Phase Assisted Sintering of Nb₂O₅-Doped Alumina. Materials Science Forum, 0, 798-799, 691-695.	0.3	3
15	Sintering Behavior of AL₂O₃ Ceramics Doped with Pre-Sintered NB₂O₅ and LiF. Materials Science Forum, 0, 1012, 190-195.	0.3	3
16	RelaÃ§Ã£o entre os parÃ¢metros de rugosidade 3D e a molhabilidade do titÃ¢nio com grÃ£os micromÃ©tricos e sub-micromÃ©tricos. Revista Materia, 2020, 25, .	0.1	3
17	Mechanical and ballistic characterization of high-density polyethylene composites reinforced with alumina and silicon carbide particles. , 2022, 32, 42-49.		3
18	Organic Binder Burnout in Alumina Processing. Materials Science Forum, 0, 798-799, 653-658.	0.3	2

#	Article	IF	Citations
19	Development of a novel nano-biomaterial for biomedical applications. Materials Research Express, 2018, 5, 125014.	0.8	2
20	Microstructural Characterization and Influence of Ceramography Method on the Microhardness of Sintering Agents Added Silicon Carbide. Materials Research, 2017, 20, 92-96.	0.6	1
21	Effect of Milling Medium on Alumina Additivated with Niobia. Materials Science Forum, 2014, 798-799, 677-681.	0.3	0
22	Effect of LiF and CaO Additions on MgAl₂O₄ Dynamic Behavior. Materials Science Forum, 0, 798-799, 195-198.	0.3	0
23	Novel Alumina Compounds with Niobia, Silica and Magnesia for Ballistic Armor. Materials Science Forum, 0, 1012, 196-201.	0.3	0