

# Alaelson Gomes

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Effect of Alkaline Treatment and Graphene Oxide Coating on Thermal and Chemical Properties of Hemp ( <i>Cannabis Sativa L.</i> ) Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 12168-12181.	1.7	10
2	Mechanical and ballistic characterization of high-density polyethylene composites reinforced with alumina and silicon carbide particles. , 2022, 32, 42-49.		3
3	Alumina and low density polyethylene composite for ballistics applications. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1791-1799.	2.6	4
4	Relação entre os parâmetros de rugosidade 3D e a molhabilidade do titânio com grãos micrométricos e sub-micrométricos. <i>Revista Materia</i> , 2020, 25, .	0.1	3
5	Mechanical properties and ballistic behavior of LiF-added Al <sub>2</sub> O <sub>3</sub> -4 wt%Nb <sub>2</sub> O <sub>5</sub> ceramics. <i>Journal of Materials Research and Technology</i> , 2018, 7, 592-597.	2.6	11
6	Ballistic comparison between epoxy-ramie and epoxy-aramid composites in Multilayered Armor Systems. <i>Journal of Materials Research and Technology</i> , 2018, 7, 541-549.	2.6	49
7	Development of a novel nano-biomaterial for biomedical applications. <i>Materials Research Express</i> , 2018, 5, 125014.	0.8	2
8	Response to Ballistic Impact of Alumina-UHMWPE Composites. <i>Materials Research</i> , 2018, 21, .	0.6	8
9	Natural Mallow Fiber-Reinforced Epoxy Composite for Ballistic Armor Against Class III-A Ammunition. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 4425-4431.	1.1	21
10	Effect of LiF as Sintering Agent on the Densification and Phase Formation in Al <sub>2</sub> O <sub>3</sub> -4 Wt Pct Nb <sub>2</sub> O <sub>5</sub> Ceramic Compound. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 4432-4440.	1.1	11
11	Ballistic Performance of Mallow and Jute Natural Fabrics Reinforced Epoxy Composites in Multilayered Armor. <i>Materials Research</i> , 2017, 20, 399-403.	0.6	21
12	Evaluation of Ballistic Armor Behavior with Epoxy Composite Reinforced with Malva Fibers. <i>Minerals, Metals and Materials Series</i> , 2017, , 647-655.	0.3	7
13	Ballistic Performance in Multilayer Armor with Epoxy Composite Reinforced with Malva Fibers. <i>Minerals, Metals and Materials Series</i> , 2017, , 331-338.	0.3	10
14	Microstructural Characterization and Influence of Ceramography Method on the Microhardness of Sintering Agents Added Silicon Carbide. <i>Materials Research</i> , 2017, 20, 92-96.	0.6	1
15	How effective is a convex Al <sub>2</sub> O <sub>3</sub> -Nb <sub>2</sub> O <sub>5</sub> ceramic armor?. <i>Ceramics International</i> , 2016, 42, 7844-7847.	2.3	15
16	Novel ballistic ramie fabric composite competing with Kevlar® fabric in multilayered armor. <i>Materials and Design</i> , 2016, 96, 263-269.	3.3	90
17	Effect of Milling Medium on Alumina Additivated with Niobia. <i>Materials Science Forum</i> , 2014, 798-799, 677-681.	0.3	0
18	Comparative Study of Solid-Phase and Liquid-Phase Assisted Sintering of Nb <sub>2</sub> O <sub>5</sub> -Doped Alumina. <i>Materials Science Forum</i> , 0, 798-799, 691-695.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Processing and Properties of Niobia-Doped Alumina Sintered at 1400°C. Materials Science Forum, 0, 798-799, 665-670.	0.3	4
20	Effect of LiF and CaO Additions on MgAl <sub>2</sub> O <sub>4</sub> ; Dynamic Behavior. Materials Science Forum, 0, 798-799, 195-198.	0.3	0
21	Organic Binder Burnout in Alumina Processing. Materials Science Forum, 0, 798-799, 653-658.	0.3	2
22	Sintering Behavior of Al <sub>2</sub> O <sub>3</sub> ; Ceramics Doped with Pre-Sintered Nb <sub>2</sub> O <sub>5</sub> ; and LiF. Materials Science Forum, 0, 1012, 190-195.	0.3	3
23	Novel Alumina Compounds with Niobia, Silica and Magnesia for Ballistic Armor. Materials Science Forum, 0, 1012, 196-201.	0.3	0