

Renan Oss Giacomelli

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1163117

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1372567

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11
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of sound absorption and flexural compliance of porous alumina-mullite ceramics by engineering the microstructure and segmentation into topologically interlocked blocks. <i>Journal of the European Ceramic Society</i> , 2013, 33, 2549-2558.	5.7	36
2	Near-Net-Shape Porous Ceramics for Potential Sound Absorption Applications at High Temperatures. <i>Journal of the American Ceramic Society</i> , 2013, 96, 710-718.	3.8	36
3	Topography evolution and friction coefficient of gray and nodular cast irons with duplex plasma nitrided + DLC coating. <i>Surface and Coatings Technology</i> , 2017, 314, 18-27.	4.8	23
4	DLC deposited onto nitrided grey and nodular cast iron substrates: An unexpected tribological behaviour. <i>Tribology International</i> , 2018, 121, 460-467.	5.9	16
5	Assessment of a multifunctional tribological coating (nitride+DLC) deposited on grey cast iron in a mixed lubrication regime. <i>Wear</i> , 2017, 376-377, 803-812.	3.1	13
6	Genesis and stability of tribolayers in solid lubrication: case of pair DLC-stainless steel. <i>Journal of Materials Research and Technology</i> , 2016, 5, 136-143.	5.8	11
7	Plasma nitrided compound layers in sintered parts: Microstructures and wear mechanisms. <i>Wear</i> , 2021, 477, 203810.	3.1	11
8	Effect of soft substrate topography on tribological behavior of multifunctional DLC coatings. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	10
9	Dry tribological performance of nanostructured 2D turbostratic graphite particles derived from boron and chromium carbides. <i>Wear</i> , 2021, 477, 203842.	3.1	6
10	An Overview on Laser Shock Peening Process: From Science to Industrial Applications. , 2021, , .		3