

Luciana Cividanes

List of Publications by Year in descending order

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28
papers

1,006
citations

516710

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526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of mullite synthesis routes by sol-gel method. Journal of Sol-Gel Science and Technology, 2010, 55, 111-125.	2.4	149
2	Effects of octadecylamine functionalization of carbon nanotubes on dispersion, polarity, and mechanical properties of CNT/HDPE nanocomposites. Journal of Materials Science, 2018, 53, 14311-14327.	3.7	132
3	Dodecylamine functionalization of carbon nanotubes to improve dispersion, thermal and mechanical properties of polyethylene based nanocomposites. Applied Surface Science, 2017, 410, 267-277.	6.1	81
4	Correlation of surface treatment, dispersion and mechanical properties of HDPE/CNT nanocomposites. Applied Surface Science, 2016, 389, 921-929.	6.1	76
5	Adsorption of phosphate from aqueous solution by hydrous zirconium oxide. Environmental Technology (United Kingdom), 2012, 33, 1345-1351.	2.2	73
6	Influence of carbon nanotubes on epoxy resin cure reaction using different techniques: A comprehensive review. Polymer Engineering and Science, 2014, 54, 2461-2469.	3.1	71
7	Carbon nanotube functionalized with dodecylamine for the effective dispersion in solvents. Applied Surface Science, 2015, 357, 2154-2159.	6.1	61
8	Functionalization of Multi-Walled Carbon Nanotube and Mechanical Property of Epoxy-Based Nanocomposite. Journal of Aerospace Technology and Management, 2015, 7, 289-293.	0.3	52
9	Cure study of epoxy resin reinforced with multiwalled carbon nanotubes by Raman and luminescence spectroscopy. Journal of Applied Polymer Science, 2013, 127, 544-553.	2.6	47
10	Influence of carbon nanotube concentration and sonication temperature on mechanical properties of HDPE/CNT nanocomposites. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 531-539.	2.1	41
11	Carbon and TiO ₂ synergistic effect on methylene blue adsorption. Materials Chemistry and Physics, 2016, 177, 330-338.	4.0	31
12	Effect of ethylene glycol on the mullite crystallization. Journal of the European Ceramic Society, 2012, 32, 835-842.	5.7	22
13	How Do CNT affect the branch and crosslink reactions in CNT-epoxy. Materials Research Express, 2017, 4, 105101.	1.6	21
14	Kinetics of cordierite crystallization from diphasic gels. Journal of Sol-Gel Science and Technology, 2008, 47, 140-147.	2.4	18
15	Effect of urea on the mullite crystallization. Journal of Non-Crystalline Solids, 2010, 356, 3013-3018.	3.1	17
16	The sonication effect on CNT-epoxy composites finally clarified. Polymer Composites, 2017, 38, 1964-1973.	4.6	16
17	Synthesis of Graphene Oxide and Functionalized CNT Nanocomposites Based on Epoxy Resin. Journal of Aerospace Technology and Management, 0, 10, .	0.3	15
18	Adsorbed water on iron surface by molecular dynamics. Applied Surface Science, 2016, 362, 70-78.	6.1	14

#	ARTICLE	IF	CITATIONS
19	Non-Isothermal Crystallization Kinetic of Polyethylene/Carbon Nanotubes Nanocomposites Using an Isoconversional Method. Journal of Composites Science, 2019, 3, 21.	3.0	14
20	Sonocatalytic Degradation of Methylene Blue in the Presence of TiO ₂ -Doped Carbon Nanostructuresâ€”Catalytic and Adsorption Comparison by Different Carbon Forms. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 725-733.	2.1	13
21	Anomalous behavior of thermal stability of amino-carbon nanotubeâ€”epoxy nanocomposite. Journal of Composite Materials, 2015, 49, 3067-3073.	2.4	9
22	New Insights in Adhesive Properties of Hybrid Epoxy-Silane Coatings for Aluminum Substrates: Effect of Composition and Preparation Methods. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3105-3115.	3.7	9
23	TiO ₂ Carbon composite using coconut waste as carbon source: Sonocatalysis and adsorption evaluation. Surfaces and Interfaces, 2018, 12, 124-134.	3.0	8
24	Urea effect on the mechanism of mullite crystallization. Journal of Materials Science, 2011, 46, 7384-7392.	3.7	5
25	Silane-Based Hybrid Coatings for the Corrosion Protection of AA 2024-T3 Alloy. Journal of Aerospace Technology and Management, 2020, , 58-61.	0.3	4
26	Kinetic study of Î±-BZN crystallization obtained from chemical method. Materials Research, 2008, 11, 289-293.	1.3	3
27	Mullite crystallization using fully hydrolyzed silica sol: the gelation temperature influence. Journal of Sol-Gel Science and Technology, 2014, 72, 219-226.	2.4	3
28	Influence of Ethylene Glycol on the Mullite Crystallization Processes Analyzed by Rietveld Refinement. Journal of Aerospace Technology and Management, 2013, 5, 431-438.	0.3	1