

Claudio H B Silva

List of Publications by Year in descending order

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16
papers

444
citations

840119

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940134

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g-index

17
all docs

17
docs citations

17
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide promotes embryonic stem cell differentiation to haematopoietic lineage. Scientific Reports, 2016, 6, 25917.	1.6	59
2	Electronic Structure and Doping Behavior of PANI-NSA Nanofibers Investigated by Resonance Raman Spectroscopy. Macromolecular Rapid Communications, 2006, 27, 255-259.	2.0	57
3	Spectroscopic characterization of the structural changes of polyaniline nanofibers after heating. Polymer Degradation and Stability, 2008, 93, 291-297.	2.7	57
4	Spectroscopic, morphological and electrochromic characterization of layer-by-layer hybrid films of polyaniline and hexaniobate nanoscrolls. Journal of Materials Chemistry, 2012, 22, 14052.	6.7	54
5	The role of cross-linking structures to the formation of one-dimensional nano-organized polyaniline and their Raman fingerprint. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 869-875.	2.0	47
6	Aniline-1,4-benzoquinone as a model system for the characterization of products from aniline oligomerization in low acidic media. Chemical Physics Letters, 2012, 551, 130-133.	1.2	34
7	Characterization of the products of aniline peroxydisulfate oligo/polymerization in media with different pH by resonance Raman spectroscopy at 413.1 and 1064 nm excitation wavelengths. Journal of Raman Spectroscopy, 2011, 42, 1653-1659.	1.2	27
8	Spectroscopic Study on the Structural Differences of Thermally Induced Cross-Linking Segments in Emeraldine Salt and Base Forms of Polyaniline. Journal of Physical Chemistry B, 2012, 116, 14191-14200.	1.2	24
9	Improving the glial differentiation of human Schwann-like adipose-derived stem cells with graphene oxide substrates. Interface Focus, 2018, 8, 20180002.	1.5	23
10	Graphene and water-based elastomers thin-film composites by dip-moulding. Carbon, 2016, 106, 228-232.	5.4	22
11	Hybrid materials of polyaniline and acidic hexaniobate nanoscrolls: high polaron formation and improved thermal properties. Journal of Materials Chemistry A, 2014, 2, 8205-8214.	5.2	18
12	Ternary nanocomposites of reduced graphene oxide, polyaniline and hexaniobate: hierarchical architecture and high polaron formation. Beilstein Journal of Nanotechnology, 2018, 9, 2936-2946.	1.5	7
13	Electrochemical template synthesis of adherent polyaniline thin films with tubular structure. Journal of Solid State Electrochemistry, 2016, 20, 983-991.	1.2	5
14	Mixed-valence state of symmetric diruthenium complexes: synthesis, characterization, and electron transfer investigation. Dalton Transactions, 2012, 41, 14540.	1.6	2
15	Biochemical functionalization of graphene oxide for directing stem cell differentiation. Journal of Molecular Structure, 2022, 1249, 131578.	1.8	1
16	Layer-by-Layer Hybrid Films of Polyaniline and Hexaniobate Nanosheets Characterized by Resonance Raman Spectroscopy. , 2010, , .		0