

Ana Silvia Gonzalez Garcia

List of Publications by Year in descending order

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19
papers

950
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623574

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Magnetization Reversal Process and Magnetostatic Interactions in Fe ₅₆ Co ₄₄ /SiO ₂ /Fe ₃ O ₄ Core/Shell Ferromagnetic Nanowires with Non-Magnetic Interlayer. <i>Nanomaterials</i> , 2021, 11, 2282.	1.9	12
2	Narrow Segment Driven Multistep Magnetization Reversal Process in Sharp Diameter Modulated Fe ₆₇ Co ₃₃ Nanowires. <i>Nanomaterials</i> , 2021, 11, 3077.	1.9	5
3	Electrochemical methods assisted with ALD for the synthesis of nanowires. , 2020, , 21-60.		2
4	Stepwise magnetization reversal of geometrically tuned in diameter Ni and FeCo bi-segmented nanowire arrays. <i>Nano Research</i> , 2019, 12, 1547-1553.	5.8	20
5	Influence of ALD Coating Layers on the Optical Properties of Nanoporous Alumina-Based Structures. <i>Coatings</i> , 2019, 9, 43.	1.2	15
6	Electrostatic Supercapacitors by Atomic Layer Deposition on Nanoporous Anodic Alumina Templates for Environmentally Sustainable Energy Storage. <i>Coatings</i> , 2018, 8, 403.	1.2	9
7	Influence of TiO ₂ -Coating Layer on Nanoporous Alumina Membranes by ALD Technique. <i>Coatings</i> , 2018, 8, 60.	1.2	14
8	Effect of Sharp Diameter Geometrical Modulation on the Magnetization Reversal of Bi-Segmented FeNi Nanowires. <i>Nanomaterials</i> , 2018, 8, 595.	1.9	21
9	Diffusive transport through surface functionalized nanoporous alumina membranes by atomic layer deposition of metal oxides. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 66-72.	2.9	25
10	Ni-Co Alloy and Multisegmented Ni/Co Nanowire Arrays Modulated in Composition: Structural Characterization and Magnetic Properties. <i>Crystals</i> , 2017, 7, 66.	1.0	36
11	Template Assisted Deposition of Ferromagnetic Nanostructures: from Antidot Thin Films to Multisegmented Nanowires. <i>Acta Physica Polonica A</i> , 2017, 131, 822-827.	0.2	16
12	Water vapour adsorption by a coffee-based microporous carbon: effect on CO ₂ capture. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1592-1600.	1.6	21
13	Green coffee based CO ₂ adsorbent with high performance in postcombustion conditions. <i>Fuel</i> , 2015, 140, 633-648.	3.4	37
14	Evaluation of Microporous Biochars Produced by Single-step Oxidation for Postcombustion CO ₂ Capture under Humid Conditions. <i>Energy Procedia</i> , 2014, 63, 693-702.	1.8	15
15	Production of microporous biochars by single-step oxidation: Effect of activation conditions on CO ₂ capture. <i>Applied Energy</i> , 2014, 114, 551-562.	5.1	181
16	Influence of Water Vapor on CO ₂ Adsorption Using a Biomass-Based Carbon. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 15488-15499.	1.8	31
17	Sustainable biomass-based carbon adsorbents for post-combustion CO ₂ capture. <i>Chemical Engineering Journal</i> , 2013, 230, 456-465.	6.6	211
18	Post-combustion CO ₂ capture adsorbents from spent coffee grounds. <i>Energy Procedia</i> , 2013, 37, 134-141.	1.8	36

#	ARTICLE	IF	CITATIONS
19	Valorisation of spent coffee grounds as CO ₂ adsorbents for postcombustion capture applications. Applied Energy, 2012, 99, 272-279.	5.1	243