DÃ©dalo Sanz-HernÃ¡ndez

List of Publications by Year
in descending order

13	491	840776 11	1199594 12
papers	citations	h-index	g-index

14	14	14	585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Launching a new dimension with 3D magnetic nanostructures. APL Materials, 2020, 8, .	5.1	88
2	Layer-by-Layer Growth of Complex-Shaped Three-Dimensional Nanostructures with Focused Electron Beams. Nano Letters, 2020, 20, 184-191.	9.1	65
3	Artificial Double-Helix for Geometrical Control of Magnetic Chirality. ACS Nano, 2020, 14, 8084-8092.	14.6	58
4	Fabrication, Detection, and Operation of a Three-Dimensional Nanomagnetic Conduit. ACS Nano, 2017, 11, 11066-11073.	14.6	54
5	High-Fidelity 3D-Nanoprinting via Focused Electron Beams: Computer-Aided Design (3BID). ACS Applied Nano Materials, 2018, 1, 1028-1041.	5.0	54
6	Tuning shape, composition and magnetization of 3D cobalt nanowires grown by focused electron beam induced deposition (FEBID). Journal Physics D: Applied Physics, 2017, 50, 18LT01.	2.8	43
7	Complex free-space magnetic field textures induced by three-dimensional magnetic nanostructures. Nature Nanotechnology, 2022, 17, 136-142.	31.5	39
8	Fabrication of Scaffold-Based 3D Magnetic Nanowires for Domain Wall Applications. Nanomaterials, 2018, 8, 483.	4.1	26
9	Space magnetometer based on an anisotropic magnetoresistive hybrid sensor. Review of Scientific Instruments, 2014, 85, 125117.	1.3	22
10	Modelling focused electron beam induced deposition beyond Langmuir adsorption. Beilstein Journal of Nanotechnology, 2017, 8, 2151-2161.	2.8	18
11	Non-Planar Geometrical Effects on the Magnetoelectrical Signal in a Three-Dimensional Nanomagnetic Circuit. ACS Nano, 2021, 15, 6765-6773.	14.6	16
12	Tunable Stochasticity in an Artificial Spin Network. Advanced Materials, 2021, 33, e2008135.	21.0	7
13	Fabrication and magneto-optical characterization of 3D-printed permalloy nanowires. , 2020, , 85-102.		1