

Alberto AnadÃ³n Barcelona

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

579
citations

687363

13
h-index

752698

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g-index

21
all docs

21
docs citations

21
times ranked

796
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous Nernst effect of Fe_3O_4 single crystal. <i>Physical Review B</i> , 2014, 90, .	3.2	100
2	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. <i>Physical Review B</i> , 2015, 92, .	3.2	73
3	Terahertz Spin Currents and Inverse Spin Hall Effect in Thin-Film Heterostructures Containing Complex Magnetic Compounds. <i>Spin</i> , 2017, 07, 1740010.	1.3	65
4	Unraveling Dzyaloshinskii–Moriya Interaction and Chiral Nature of Graphene/Cobalt Interface. <i>Nano Letters</i> , 2018, 18, 5364-5372.	9.1	60
5	Thermoelectric performance of spin Seebeck effect in $\text{Fe}_3\text{O}_4/\text{Pt}$ -based thin film heterostructures. <i>APL Materials</i> , 2016, 4, 104802.	5.1	42
6	Enhancement of the spin Peltier effect in multilayers. <i>Physical Review B</i> , 2017, 95, .	3.2	36
7	Interface-induced anomalous Nernst effect in $\text{Fe}_3\text{O}_4/\text{Pt}$ -based heterostructures. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	32
8	Spin Seebeck effect in insulating epitaxial Fe_2O_3 thin films. <i>APL Materials</i> , 2017, 5, .	5.1	23
9	Characteristic length scale of the magnon accumulation in $\text{Fe}_3\text{O}_4/\text{Pt}$ bilayer structures by incoherent thermal excitation. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	20
10	Evidence of the spin Seebeck effect in Ni-Zn ferrites polycrystalline slabs. <i>Solid State Communications</i> , 2018, 270, 140-146.	1.9	20
11	Temperature dependence of the spin Seebeck effect in $[\text{Fe}_3\text{O}_4/\text{Pt}]_n$ multilayers. <i>AIP Advances</i> , 2017, 7, .	1.3	19
12	Spin Seebeck effect in a weak ferromagnet. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	16
13	Large Perpendicular Magnetic Anisotropy in Nanometer-Thick Epitaxial Graphene/Co/Heavy Metal Heterostructures for Spin–Orbitronics Devices. <i>ACS Applied Nano Materials</i> , 2021, 4, 4398-4408.	5.0	13
14	Spin Seebeck effect in Y-type hexagonal ferrite thin films. <i>Physical Review B</i> , 2017, 96, .	3.2	12
15	Interfacial ferromagnetism and atomic structures in high-temperature grown $\text{Fe}_3\text{O}_4/\text{Pt}/\text{Fe}_3\text{O}_4$ epitaxial trilayers. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	12
16	Spin-Orbit Torque from the Introduction of Cu Interlayers in Pt/Cu/Co/Pt Nanolayered Structures for Spintronic Devices. <i>ACS Applied Nano Materials</i> , 2021, 4, 487-492.	5.0	11
17	Thermally Activated Processes for Ferromagnet Intercalation in Graphene-Heavy Metal Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4088-4096.	8.0	10
18	Engineering the spin conversion in graphene monolayer epitaxial structures. <i>APL Materials</i> , 2021, 9, .	5.1	9

#	ARTICLE	IF	CITATIONS
19	Spin Current Transport in Hybrid Pt/Multifunctional Magnetoelectric Ga _{0.6} Fe _{1.4} O ₃ Bilayers. ACS Applied Electronic Materials, 2021, 3, 4433-4440.	4.3	4
20	Ferrimagnet GdFeCo Characterization for Spin-Orbitronics: Large Field-Like and Damping-Like Torques. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	2
21	Influence of the substrate on the anomalous Nernst effect of magnetite thin films. Materials Research Society Symposia Proceedings, 2014, 1674, 19.	0.1	0