

# Alberto AnadÃ³n Barcelona

## List of Publications by Year in descending order

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21  
papers

579  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferrimagnet GdFeCo Characterization for Spin-Orbitronics: Large Field-Like and Damping-Like Torques. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	2
2	Spin-Orbit Torque from the Introduction of Cu Interlayers in Pt/Cu/Co/Pt Nanolayered Structures for Spintronic Devices. ACS Applied Nano Materials, 2021, 4, 487-492.	5.0	11
3	Large Perpendicular Magnetic Anisotropy in Nanometer-Thick Epitaxial Graphene/Co/Heavy Metal Heterostructures for Spin-Orbitronics Devices. ACS Applied Nano Materials, 2021, 4, 4398-4408.	5.0	13
4	Engineering the spin conversion in graphene monolayer epitaxial structures. APL Materials, 2021, 9, .	5.1	9
5	Spin Current Transport in Hybrid Pt/Multifunctional Magnetolectric Ga <sub>0.6</sub> Fe <sub>1.4</sub> O <sub>3</sub> Bilayers. ACS Applied Electronic Materials, 2021, 3, 4433-4440.	4.3	4
6	Thermally Activated Processes for Ferromagnet Intercalation in Graphene-Heavy Metal Interfaces. ACS Applied Materials & Interfaces, 2020, 12, 4088-4096.	8.0	10
7	Interfacial ferromagnetism and atomic structures in high-temperature grown Fe <sub>3</sub> O <sub>4</sub> /Pt/Fe <sub>3</sub> O <sub>4</sub> epitaxial trilayers. Journal of Applied Physics, 2019, 126, .	2.5	12
8	Interface-induced anomalous Nernst effect in Fe <sub>3</sub> O <sub>4</sub> /Pt-based heterostructures. Applied Physics Letters, 2019, 114, .	3.3	32
9	Evidence of the spin Seebeck effect in Ni-Zn ferrites polycrystalline slabs. Solid State Communications, 2018, 270, 140-146.	1.9	20
10	Unraveling Dzyaloshinskii-Moriya Interaction and Chiral Nature of Graphene/Cobalt Interface. Nano Letters, 2018, 18, 5364-5372.	9.1	60
11	Temperature dependence of the spin Seebeck effect in [Fe <sub>3</sub> O <sub>4</sub> /Pt] <sub>n</sub> multilayers. AIP Advances, 2017, 7, .	1.3	19
12	Spin Seebeck effect in insulating epitaxial $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> thin films. APL Materials, 2017, 5, .	5.1	23
13	Spin Seebeck effect in Y-type hexagonal ferrite thin films. Physical Review B, 2017, 96, .	3.2	12
14	Terahertz Spin Currents and Inverse Spin Hall Effect in Thin-Film Heterostructures Containing Complex Magnetic Compounds. Spin, 2017, 07, 1740010.	1.3	65
15	Enhancement of the spin Peltier effect in multilayers. Physical Review B, 2017, 95, .	3.2	36
16	Spin Seebeck effect in a weak ferromagnet. Applied Physics Letters, 2016, 108, .	3.3	16
17	Thermoelectric performance of spin Seebeck effect in Fe <sub>3</sub> O <sub>4</sub> /Pt-based thin film heterostructures. APL Materials, 2016, 4, 104802.	5.1	42
18	Characteristic length scale of the magnon accumulation in Fe <sub>3</sub> O <sub>4</sub> /Pt bilayer structures by incoherent thermal excitation. Applied Physics Letters, 2016, 109, .	3.3	20

#	ARTICLE	IF	CITATIONS
19	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. Physical Review B, 2015, 92, .	3.2	73
20	Anomalous Nernst effect of $\text{Fe}_3\text{O}_4$ single crystal. Physical Review B, 2014, 90, .	3.2	100
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