

Mehrdad Elyasi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3615263/publications.pdf>

Version: 2024-02-01

14
papers

656
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	Room temperature magnetization switching in topological insulator-ferromagnet heterostructures by spin-orbit torques. Nature Communications, 2017, 8, 1364.	12.8	271
2	High-Performance THz Emitters Based on Ferromagnetic/Nonmagnetic Heterostructures. Advanced Materials, 2017, 29, 1603031.	21.0	183
3	Extrinsic Spin Hall Effect in Cu . Physical Review Applied, 2017, 8, .	3.2	17
4	Resources of nonlinear cavity magnonics for quantum information. Physical Review B, 2020, 101, .	3.2	66
5	Synchronization of spin-transfer torque oscillators by spin pumping, inverse spin Hall, and spin Hall effects. Journal of Applied Physics, 2015, 117, 063907.	2.5	16
6	Topologically nontrivial magnonic solitons. Physical Review B, 2019, 99, .	3.2	14
7	Stochasticity of the magnon parametron. Physical Review B, 2022, 105, .	3.2	10
8	Electrical detection of microwave assisted magnetization reversal by spin pumping. Applied Physics Letters, 2014, 104, .	3.3	9
9	Cryogenic spin Seebeck effect. Physical Review B, 2021, 103, .	3.2	6
10	Optically induced spin-dependent diffusive transport in the presence of spin-orbit interaction for all-optical magnetization reversal. Physical Review B, 2016, 94, .	3.2	4
11	Magnetization reversal using excitation of collective modes in nanodot matrices. Scientific Reports, 2015, 5, 7908.	3.3	3
12	Cloaking the magnons. Physical Review B, 2016, 93, .	3.2	3
13	Individual magnetization reversal of a square dot matrix by common current excitation. Journal Physics D: Applied Physics, 2015, 48, 295301.	2.8	1
14	Multi-bit memory cell using long-range non-anchored actuation for high temperature applications. Additional Conferences (Device Packaging HiTEC HiTEN & CICMT), 2013, 2013, 000152-000159.	0.2	0