

# Ramon Cardias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1107854/publications.pdf>

Version: 2024-02-01

9  
papers

193  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microscopic Origin of Heisenberg and Non-Heisenberg Exchange Interactions in Ferromagnetic bcc Fe. Physical Review Letters, 2016, 116, 217202.	7.8	69
2	The Bethe-Slater curve revisited; new insights from electronic structure theory. Scientific Reports, 2017, 7, 4058.	3.3	35
3	Theory of noncollinear interactions beyond Heisenberg exchange: Applications to bcc Fe. Physical Review B, 2017, 96, .	3.2	22
4	First-principles Dzyaloshinskiiâ€Moriya interaction in a non-collinear framework. Scientific Reports, 2020, 10, 20339.	3.3	20
5	Magnetic and electronic structure of Mn nanostructures on Ag(111) and Au(111). Physical Review B, 2016, 93, .	3.2	19
6	Magnetism and ultrafast magnetization dynamics of Co and CoMn alloys at finite temperature. Physical Review B, 2017, 95, .	3.2	13
7	Comment on â€Proper and improper chiral magnetic interactionsâ€: Physical Review B, 2022, 105, .	3.2	6
8	Adiabatic spin dynamics and effective exchange interactions from constrained tight-binding electronic structure theory: Beyond the Heisenberg regime. Physical Review B, 2022, 105, .	3.2	4
9	Spin dynamics from a constrained magnetic tight-binding model. Physical Review B, 2021, 103, .	3.2	3