

# Dominique Givord

## List of Publications by Year in descending order

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14  
papers

1,231  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic properties and crystal structure of Nd <sub>2</sub> Fe <sub>14</sub> B. Solid State Communications, 1984, 50, 497-499.	1.9	398
2	Coercivity mechanisms in ferrites and rare earth transition metal sintered magnets (SmCo <sub>5</sub> ). Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	2.1	177
3	Polarized neutron study of the compounds Y <sub>2</sub> Fe <sub>14</sub> B and Nd <sub>2</sub> Fe <sub>14</sub> B. Journal of Applied Physics, 1985, 57, 4100-4102.	2.5	166
4	Revealing the properties of Mn <sub>2</sub> Au for antiferromagnetic spintronics. Nature Communications, 2013, 4, 2892.	12.8	156
5	Magnetic viscosity in Nd-Fe-B sintered magnets. Journal of Magnetism and Magnetic Materials, 1987, 67, L281-L285.	2.3	136
6	3d magnetism in R <sub>2</sub> Fe <sub>14</sub> B compounds. Journal of Magnetism and Magnetic Materials, 1987, 66, 158-162.	2.3	64
7	Solid-solution stability and preferential site-occupancy in (R-R <sup>2</sup> ) <sub>2</sub> Fe <sub>14</sub> B compounds. Applied Physics Letters, 2016, 108, .	3.3	29
8	On the limits of coercivity in permanent magnets. Applied Physics Letters, 2017, 111, .	3.3	27
9	Spin to charge current conversion by the inverse spin Hall effect in the metallic antiferromagnet $M_n Mn_2 Au$ at room temperature. Physical Review B, 2018, 98, .	3.2	20
10	Easy moment direction and antiferromagnetic domain wall motion in Mn <sub>2</sub> Au. Journal of Magnetism and Magnetic Materials, 2016, 406, 289-292.	2.3	19
11	Observation of magnons in Mn <sub>2</sub> Au films by inelastic Brillouin and Raman light scattering. Applied Physics Letters, 2017, 111, .	3.3	19
12	Magnetic viscosity and coercivity analysis in mechanically alloyed and melt-spun NdDyFeB magnets. Journal of Magnetism and Magnetic Materials, 1998, 185, 180-186.	2.3	11
13	A two-sublattice model for extracting rare-earth anisotropy constants from measurements on (Nd,Ce) <sub>2</sub> (Fe,Co) <sub>14</sub> B single crystals. Journal of Magnetism and Magnetic Materials, 2021, 520, 167470.	2.3	5
14	Preferential Co and Fe atom occupancy in R <sub>2</sub> (Fe <sub>1-x</sub> Co <sub>x</sub> ) <sub>14</sub> B intermetallic compounds (R = Nd, Y and Ce). Journal of Alloys and Compounds, 2021, 851, 156168.	5.5	4