

Chuanbing Rong

List of Publications by Year in descending order

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15
papers

936
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Stabilization of FeCo Nanoparticles. Journal of the American Chemical Society, 2007, 129, 7214-7215.	13.7	280
2	Sm-Co hard magnetic nanoparticles prepared by surfactant-assisted ball milling. Nanotechnology, 2007, 18, 465701.	2.6	166
3	Fabrication of bulk nanocomposite magnets via severe plastic deformation and warm compaction. Applied Physics Letters, 2010, 96, .	3.3	96
4	Sm Co 5 $\hat{\cdot}$ Fe nanocomposites synthesized from reductive annealing of oxide nanoparticles. Applied Physics Letters, 2007, 91, .	3.3	85
5	Synthesis of Sm-Co and Sm-Co/Fe nanocrystals by reductive annealing of nanoparticles. Journal of Alloys and Compounds, 2011, 509, 2132-2136.	5.5	55
6	Self-nanoscaling of the soft magnetic phase in bulk SmCo/Fe nanocomposite magnets. Journal of Materials Science, 2011, 46, 6065-6074.	3.7	49
7	Self-nanoscaling in FeCo alloys prepared via severe plastic deformation. Journal of Alloys and Compounds, 2012, 521, 55-59.	5.5	48
8	Microstructure and intergranular diffusion in exchange-coupled Sm-Co/Fe nanocomposites. Applied Physics Letters, 2010, 97, 032506.	3.3	35
9	High temperature magnetic properties of SmCo ₅ /Fe(Co) bulk nanocomposite magnets. Applied Physics Letters, 2012, 101, .	3.3	28
10	Bulk SmCo ₅ /Fe nanocomposite permanent magnets fabricated by mould-free Joule-heating compaction. Journal of Applied Physics, 2011, 109, .	2.5	25
11	Nanocrystalline and nanocomposite permanent magnets by melt spinning technique. Chinese Physics B, 2018, 27, 117502.	1.4	25
12	Hard-phase engineering in hard/soft nanocomposite magnets. Materials Research Express, 2014, 1, 016103.	1.6	17
13	Effect of magnetic fields on melt-spun Nd ₂ Fe ₁₄ B-based ribbons. Journal of Applied Physics, 2012, 111, 07A731.	2.5	14
14	The magnetization behavior and magnetic viscosity of Sm(Co,Fe,Cu,Zr)Z ribbons with different temperature dependence of coercivity. Journal of Applied Physics, 2010, 107, 09A707.	2.5	8
15	10.1063/1.3358390.1., 2010, , .		5