

Chuanbing Rong

List of Publications by Year in descending order

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15
papers

936
citations

687363

13
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1058476

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g-index

15
all docs

15
docs citations

15
times ranked

997
citing authors

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