

Virgil Provenzano

List of Publications by Year in descending order

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9
papers

1,124
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of hysteresis losses in the magnetic refrigerant Gd ₅ Ge ₂ Si ₂ by the addition of iron. Nature, 2004, 429, 853-857.	27.8	747
2	Phase formation, crystal chemistry, and properties in the system Bi ₂ O ₃ -Fe ₂ O ₃ -Nb ₂ O ₅ . Journal of Solid State Chemistry, 2006, 179, 3900-3910.	2.9	123
3	Reorientation of magnetic dipoles at the antiferroelectric-paraelectric phase transition of $\text{Bi}(\text{Fe}_{1-x}\text{Mn}_x)_2\text{O}_7$. Physical Review B, 2010, 81, .	3.2	117
4	Effects of surface oxidation during HVOF processing on the primary stage oxidation of a CoNiCrAlY coating. Surface and Coatings Technology, 2004, 185, 228-233.	4.8	74
5	Effects of variations in coating materials and process conditions on the thermal cycle properties of NiCrAlY/YSZ thermal barrier coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 425, 94-106.	5.6	49
6	Hysteresis of magnetostructural transitions: Repeatable and non-repeatable processes. Physica B: Condensed Matter, 2014, 435, 138-143.	2.7	5
7	Magnetization model for a Heusler alloy. Journal of Applied Physics, 2013, 113, .	2.5	3
8	Modeling the fractional magnetic states of magnetostructural transformations. Physica B: Condensed Matter, 2014, 435, 50-53.	2.7	2
9	Characterization of the Mixed-Phase States Using Self-Similarity Phenomenon for First-Order Magnetocaloric Metamagnets. IEEE Transactions on Magnetism, 2012, 48, 3992-3994.	2.1	0