

Corneliu M. Craciunescu

Fisa de verificare pentru indeplinirea standardelor minimale pentru indicatorii I₁ si P₁

(Date selective, Profil complet pe <http://www.researcherid.com/rid/B-8890-2011>)

Scorul Relativ de influenta conform site CNATDCU (varianta Ianuarie 2012)

Nr. Public.	Referinta bibliografica	s_i	n_i	p_i	s_i/n_i	s_i/p_i
1	Title: A new ferromagnetic shape memory alloy system Author(s): Wuttig, M; Li, J; Craciunescu, C Source: Scripta Materialia , Volume: 44 Issue: 10 Pages: 2393-2397 Published: MAY 25 2001 Times Cited: 196; DOI: 10.1016/S1359-6462(01)00939-3	7,20238	3		2,40079	
2	Title: Identification of novel compositions of ferromagnetic shape-memory alloys using composition spreads Author(s): Takeuchi, I; Famodu, OO; Read, JC; et al. Craciunescu, C. M (co-author) Source: Nature Materials Volume: 2 Issue: 3 Pages: 180-184 Published: MAR 2003 Times Cited: 99 ; DOI: 10.1038/nmat829	34,76559	11		3,16050	
3	Title: Phase transformations in ferromagnetic NiMnGa shape memory films Author(s): Wuttig, M; Craciunescu, C ; Li, J Source: Materials Transactions Jim Volume: 41 Issue: 8 Pages: 933-937 Published: AUG 2000 Times Cited: 66; WOS:000089837400011	1,63690	3		0,54563	
4	Title: Martensitic transformation in Co ₂ NiGa ferromagnetic shape memory alloys Author(s): Craciunescu, C ; Kishi, Y; Lograsso, TA; et al. Source: Scripta Materialia Volume: 47 Issue: 4 Pages: 285-288 Published: AUG 20 2002 Times Cited: 50; DOI: 10.1016/S1359-6462(02)00148-3	7,20238	4	2		3,60119
5	Title: Microstructures and magnetic properties of rapidly solidified CoNiGa ferromagnetic shape memory alloys Author(s): Kishi, Y; Craciunescu, C ; Sato, M; et al. Source: Journal of Magnetism and Magnetic Materials Volume: 262 Issue: 2 Pages: L186-L191 Published: JUN 2003 Times Cited: 22; DOI: 10.1016/S0304-8853(03)00195-1	1,09892	6		0,18315	
6	Title: Ferromagnetic resonance in Ni-Mn-Ga films Author(s): Patil, SI; Tan, D; Lofland, SE; et al. Craciunescu, C. M (co author) Source: Applied Physics Letters Volume: 81 Issue: 7 Pages: 1279-1281 Published: AUG 12 2002 Times Cited: 21; DOI: 10.1063/1.1501161	2,95560	10		0,295560	

7	Title: Successive occurrence of ferromagnetic and shape memory properties during crystallization of NiMnGa freestanding films Author(s): Rumpf, H; Craciunescu, CM ; Modrow, H; et al. Source: Journal of Magnetism and Magnetic Materials Volume: 302 Issue: 2 Pages: 421-428 Published: JUL 2006 Times Cited: 19; DOI: 10.1016/j.jmmm.2005.10.001	1,09892	6		0,18315	
8	Title: Constrained martensitic transformations in TiNiCu films Author(s): Craciunescu, CM ; Li, J; Wuttig, M Source: Thin Solid Films Volume: 434 Issue: 1-2 Pages: 271-275 Published: JUN 23 2003 Times Cited: 15 ; DOI: 10.1016/S0040-6090(03)00531-5	1,57740	3	2		0,7887
9	Title: Thermoelastic stress-induced thin film martensites Author(s): Craciunescu, C ; Li, H; Wuttig, M Source: Scripta Materialia Volume: 48 Issue: 1 Pages: 65-70 Published: JAN 2 2003 Times Cited: 11; DOI: 10.1016/S1359-6462(02)00347-0	7,20238	3	2		3,60119
10	Title: Extraordinary damping of Ni-Ti double layer films Author(s): Craciunescu, C ; Wuttig, M Source: Thin Solid Films Volume: 379 Issue: 1-2 Pages: 173-175 Published: DEC 8 2000 Times Cited: 10; DOI: 10.1016/S0040-6090(00)01556-X	1,57740	2	1		1,57740
11	Title: Microstructures and transformation behavior of CoNiGa ferromagnetic shape memory alloys Author(s): Kishi, Y; De Graef, M; Craciunescu, C ; et al. Source: Journal De Physique Iv Volume: 112 Pages: 1021-1024 Published: OCT 2003 Transformat oficial in European Physical Journal-Special Topics Times Cited: 8; DOI: 10.1051/jp4:20031055	1,01386	6		0,16897	
12	Title: Combinatorial investigation of magnetostriction in Fe-Ga and Fe-Ga-Al Author(s): Hattrick-Simpers, JR; Hunter, D; Craciunescu, CM ; et al. Source: Applied Physics Letters Volume: 93 Issue: 10 Published: SEP 8 2008 Times Cited: 8; DOI: 10.1063/1.2980034	2,95560	14		0,211114	
13	Title: Parameter influence on friction welding of dissimilar surface-carburized/volume-hardened alloyed steels Author(s): Mitelea, I; Craciunescu, CM (autor corespondent) Source: Materials & Design Volume: 31 Issue: 4 Pages: 2181-2186 Published: APR 2010 Times Cited: 1; DOI: 10.1016/j.matdes.2009.10.051	1,12903	2	1		1,12903
14	Title: Rapidly solidified ferromagnetic shape memory alloys Author(s): Craciunescu, CM ; Ercuta, A; Mitelea, I; et al. Source: European Physical Journal-Special Topics Volume: 158 Pages: 161-165 Published: MAY 2008 Times Cited: 1; DOI: 10.1140/epjst/e2008-00670-6	1,01386	7	1		1,01386

15	Title: Shape memory and associated properties in Fe-Mn-Si-based ribbons produced by melt-spinning Author(s): Valeanu, M; Filoti, G; Kuncser, V; et al. Craciunescu, C. M (co author) Source: Journal of Magnetism and Magnetic Materials Volume: 320 Issue: 14 Pages: E164-E167 Published: JUL 2008 Times Cited: 0; DOI: 10.1016/j.jmmm.2008.02.105	1,09892	11		0,09990	
16	Title: Actuation in shape memory layer engineered film based architectures Author(s): Craciunescu, CM Source: Surface Engineering Volume: 26 Issue: 7 Pages: 536-539 Published: OCT 2010 Times Cited: 0; DOI: 10.1179/174329409X439014	0,56757	1	1		0,56757
17	Title: Investigations on Joining Surface Hardened Steels by Friction Welding Author(s): Mitelea, I; Craciunescu, CM Source: Materials Testing Volume: 53 Issue: 1-2 Pages: 19-25 Published: 2011 Times Cited: 0; WOS:000288353600003	0,50277	2	1		0,50277
18	Title: Laser beam interaction with Ni-Mn-Ga ferromagnetic shape memory alloys Author(s): Craciunescu, C. M. ; Miranda, R. M.; Silva, R. J. C.; et al. Source: Optics and Lasers in Engineering Volume: 49 Issue: 11 Pages: 1289-1293 Published: NOV 2011 Times Cited: 0; DOI: 10.1016/j.optlaseng.2011.06.007	1,30307	5	1		1,30307
					I₁	P
					7,24876	14,08479

Conditii minimale abilitare: I₁ > 4; P > 2

Corneliu M. Craciunescu

Fisa de verificare pentru indeplinirea standardelor minime pentru indicatorul C

(Selectiv. Numar total de citari: 575, conform <http://www.researcherid.com/rid/B-8890-2011>)

Numarul Publicatiei care citeaza	Referinta bibliografica a publicatiei k care citeaza	s_k	$\sum s_k$	n_i	$1/n_i \sum s_k$
Referinta bibliografica a publicatiei i citate Title: Identification of novel compositions of ferromagnetic shape-memory alloys using composition spreads Author(s): Takeuchi I ; Famodu OO ; Read JC ; et al. Source: NATURE MATERIALS Volume: 2 Issue: 3 Pages: 180-184 DOI: 10.1038/nmat829 Published: MAR 2003 (selectiv; numar total citari – 112)			143,51831	11	13,04712
1	Title: <u>Shape-memory alloys - Combinatorial high jinks</u> Author(s): Cahn RW Source: NATURE MATERIALS Volume: 2 Issue: 3 Pages: 141-143 DOI: 10.1038/nmat841 Published: MAR 2003	34,76559			
2	Title: <u>Expanding the Repertoire of Shape Memory Alloys</u> Author(s): Ma Ji; Karaman Ibrahim Source: SCIENCE Volume: 327 Issue: 5972 Pages: 1468-1469 DOI: 10.1126/science.1186766 Published: MAR 19 2010	30,90675			
3	Title: <u>Combinatorial approaches as effective tools in the study of phase diagrams and composition-structure-property relationships</u> Author(s): Zhao JC Source: PROGRESS IN MATERIALS SCIENCE Volume: 51 Issue: 5 Pages: 557-631 DOI: 10.1016/j.pmatsci.2005.10.001 Published: JUL 2006 Times Cited: <u>33</u> (from All Databases)	20,84731			
4	Title: <u>Stray-Field-Induced Actuation of Free-Standing Magnetic Shape-Memory Films</u> Author(s): Thomas Michael; Heczko Oleg; Buschbeck Joerg; et al. Source: ADVANCED MATERIALS Volume: 21 Issue: 36 Pages: 3708-+ DOI: 10.1002/adma.200900469 Published: SEP 25 2009	11,27246			

5	Title: <u>Double twinning in Ni-Mn-Ga-Co</u> Author(s): Rolfs K.; Chmielus M.; Wimpory R. C.; et al. Source: ACTA MATERIALIA Volume: 58 Issue: 7 Pages: 2646-2651 DOI: 10.1016/j.actamat.2009.12.051 Published: APR 2010	10,44048	
6	Title: <u>Analysis of Ti-Ni-Hf shape memory alloys by combinatorial nanocalorimetry</u> Author(s): Motemani Yahya; McCluskey Patrick J.; Zhao Chunwang; et al. Source: ACTA MATERIALIA Volume: 59 Issue: 20 Pages: 7602-7614 DOI: 10.1016/j.actamat.2011.08.026 Published: DEC 2011	10,44048	
7	Title: <u>On the stress-assisted magnetic-field-induced phase transformation in Ni₂MnGa ferromagnetic shape memory alloys</u> Author(s): Karaca H. E.; Karaman I.; Basaran B.; et al. Source: ACTA MATERIALIA Volume: 55 Issue: 13 Pages: 4253-4269 DOI: 10.1016/j.actamat.2007.03.025 Published: AUG 2007	10,44048	
8	Title: <u>Glass transition and crystallization of amorphous Ni-Ti-Zr thin films by combinatorial nanocalorimetry</u> Author(s): McCluskey Patrick J.; Vlassak Joost J. Source: SCRIPTA MATERIALIA Volume: 64 Issue: 3 Pages: 264-267 DOI: 10.1016/j.scriptamat.2010.10.008 Published: FEB 2011	7,20238	
9	Title: <u>Microstructures and magnetic property in Mn-rich off-stoichiometric Mn₂NiGa Heusler alloys</u> Author(s): Zhang J.; Cai W.; Gao Z. Y.; et al. Source: SCRIPTA MATERIALIA Volume: 58 Issue: 9 Pages: 798-801 DOI: 10.1016/j.scriptamat.2007.12.031 Published: MAY 2008	7,20238	
Total			C
			13,04712

Conditii minimale abilitare: C > 5

Aprilie 2012

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