

Joan Cifre Bauza

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the magneto-mechanical properties in directional solidified Fe ₈₀ Al ₂₀ alloys by doping Tb. Journal of Alloys and Compounds, 2022, 893, 162262.	5.5	4
2	Influence of mechanical and heat treatment on structure evolution and functional properties of Fe-Al-Tb alloys. Materials Letters, 2022, 310, 131521.	2.6	5
3	Mechanical spectroscopy of atomic ordering in Fe-(16~21)Ga-RE alloys. Journal of Alloys and Compounds, 2021, 864, 158819.	5.5	14
4	Mechanical spectroscopy of phase transitions in Fe-(23~38)Ga-RE alloys. Journal of Alloys and Compounds, 2021, 874, 159882.	5.5	11
5	Effect of thermal cycling on microstructure and damping capacity of Fe-(26Mn~4Si) alloy. Materials Characterization, 2020, 159, 110001.	4.4	10
6	Influence of spinodal decomposition on structure and thermoelastic martensitic transition in MnCuAlNi alloy. Materials Letters, 2020, 275, 128069.	2.6	7
7	Internal friction in Fe-Ga alloys at elevated temperatures. Journal of Alloys and Compounds, 2019, 785, 1257-1263.	5.5	17
8	Mechanical spectroscopy as an in situ tool to study first and second order transitions in metastable Fe-Ga alloys. Journal of Alloys and Compounds, 2019, 790, 1149-1156.	5.5	15
9	In situ studies of atomic ordering in Fe-19Ga type alloys. Intermetallics, 2019, 105, 6-12.	3.9	19
10	Anelasticity of iron-aluminide Fe ₃ Al type single and polycrystals. Journal of Alloys and Compounds, 2018, 746, 660-669.	5.5	17
11	Structure of the Fe-Mn-Si alloys submitted to 10 ³ ~10 ⁶ μ thermocycling. Materials Characterization, 2018, 141, 223-228.	4.4	11
12	Anelasticity of the Fe-Ga alloys in the range of Zener relaxation. Journal of Alloys and Compounds, 2018, 730, 424-433.	5.5	16
13	Tb-dependent phase transitions in Fe-Ga functional alloys. Intermetallics, 2018, 93, 55-62.	3.9	25
14	Structure induced anelasticity in Fe ₃ Me (Me=Al, Ga, Ge) alloys. Journal of Alloys and Compounds, 2016, 688, 310-319.	5.5	24
15	Phase transition induced anelasticity in Fe-Ga alloys with 25 and 27%Ga. Journal of Alloys and Compounds, 2016, 675, 393-398.	5.5	27
16	Diffusionless nature of D0 ₃ ~L1 ₂ transition in Fe ₃ Ga alloys. Journal of Alloys and Compounds, 2016, 656, 897-902.	5.5	31
17	Structure and properties of high damping Fe-Ga based alloy. Metallic Materials, 2016, 53, 267-274.	0.3	5
18	Study of Ordering and Properties in Fe-Ga Alloys With 18 and 21 at. pct Ga. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 1131-1139.	2.2	17

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19	Structure and anelasticity of Fe ₃ Ga and Fe ₃ (Ga,Al) type alloys. Journal of Alloys and Compounds, 2015, 644, 959-967.	5.5	27
20	Structural mechanisms of anelasticity in Fe-Ga-based alloys. Journal of Alloys and Compounds, 2014, 584, 322-326.	5.5	33
21	Influence of composition and heat treatment on damping and magnetostrictive properties of Fe-18%(Ga + Al) alloys. Acta Materialia, 2014, 78, 93-102.	7.9	45
22	Effect of Mn and Cr additions on kinetics of recrystallization and parameters of grain-boundary relaxation of Al-4.9Mg alloy. Physics of Metals and Metallography, 2013, 114, 246-255.	1.0	16
23	Hypogene Speleogenetic Evidences in the Development of Cova des Pas de Vallgornera (Mallorca) Tj ETQq1 1 0.784314 rgBT ₂ /Overlo	0.2	0
24	Internal stress and strain in heavily boron-doped diamond films grown by microwave plasma and hot filament chemical vapor deposition. Journal of Applied Physics, 1996, 80, 1846-1850.	2.5	66
25	Study of post-deposition contamination in low-temperature deposited polysilicon films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 36, 96-99.	3.5	3
26	Preparation and characterization of conducting thin films of molecular organic conductors (TTF-TCNQ). Journal of Crystal Growth, 1996, 166, 798-803.	1.5	25
27	Study of post-deposition contamination in low-temperature deposited polysilicon films. , 1996, , 96-99.		0
28	Deposition of Polysilicon Films by Hot-Wire CVD at Low Temperatures for Photovoltaic Applications. Materials Research Society Symposia Proceedings, 1995, 377, 63.	0.1	8
29	P-doped polycrystalline silicon films obtained at low temperature by hot-wire chemical vapor deposition. Applied Surface Science, 1995, 86, 600-603.	6.1	15
30	Pulsed laser deposition of diamond from graphite targets. Applied Physics Letters, 1995, 67, 485-487.	3.3	52
31	CVD diamond films on bio-medical ceramics. Diamond and Related Materials, 1995, 4, 798-801.	3.9	6
32	Evolution of the plumes produced by laser ablation of a carbon target. Diamond and Related Materials, 1995, 4, 337-341.	3.9	8
33	Growth of diamond by laser ablation of graphite. Diamond and Related Materials, 1995, 4, 780-783.	3.9	17
34	Comparative study of trimethylboron doping of hot filament chemically vapour deposited and microwave plasma chemically vapour deposited diamond films. Thin Solid Films, 1994, 253, 136-140.	1.8	8
35	Polycrystalline silicon films obtained by hot-wire chemical vapour deposition. Applied Physics A: Solids and Surfaces, 1994, 59, 645-651.	1.4	85
36	Boron incorporation effects in CVD diamond film growth. Vacuum, 1994, 45, 1013-1014.	3.5	12

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37	Interfacial layer effects in the growth of CVD diamond. <i>Diamond and Related Materials</i> , 1994, 3, 492-494.	3.9	16
38	Trimethylboron doping of CVD diamond thin films. <i>Diamond and Related Materials</i> , 1994, 3, 628-631.	3.9	44
39	Plasma-deposited silicon nitride films with low hydrogen content for amorphous silicon thin-film transistors application. <i>Sensors and Actuators A: Physical</i> , 1993, 37-38, 333-336.	4.1	10
40	Spectroscopic ellipsometry measurements of the diamond-crystalline Si interface in chemically vapour-deposited polycrystalline diamond films. <i>Diamond and Related Materials</i> , 1993, 2, 728-731.	3.9	7
41	Analysis of contamination in diamond films by secondary ion mass spectroscopy. <i>Diamond and Related Materials</i> , 1992, 1, 500-503.	3.9	17