

Ivanovich Estrada-Guel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4564238/publications.pdf>

Version: 2024-02-01

162
papers

1,705
citations

393982

19
h-index

301761

39
g-index

163
all docs

163
docs citations

163
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbostratic Carbon/Graphene Prepared via the Dry Ice in Flames Method and Its Purification Using Different Routes: A Comparative Study. <i>Materials</i> , 2022, 15, 2501.	1.3	2
2	Dispersion of graphite, Ceria, and nanohybrid Ceria-graphite in the 6063 aluminum alloy through powder metallurgy. <i>Materials Chemistry and Physics</i> , 2022, 281, 125953.	2.0	3
3	Evaluation of high-frequency induction heat sintering and conventional sintering in Al _x CoCrFeMnNi high-entropy alloys. <i>Journal of Alloys and Compounds</i> , 2022, 910, 164780.	2.8	7
4	Investigation of graphite/CNTs on the equiatomic AlCoNi alloy: Hardness and surface morphology of the oxide scale. <i>Materials Letters</i> , 2021, 285, 129042.	1.3	0
5	Increase of the mechanical response of pure aluminum by grain refinement retained with an alternative rapid sintering route. <i>Journal of Materials Research</i> , 2021, 36, 1328-1340.	1.2	4
6	Effect of Dispersion of Particles Nanohybrid Reinforcing in the 6063 Aluminum Alloy. <i>Microscopy and Microanalysis</i> , 2021, 27, 3272-3275.	0.2	0
7	Methanol detection in commercial sanitizing gels, during the COVID-19 Pandemic. <i>TECNOCENCIA (MÃ©xico)</i> , 2021, 15, 16-25.	0.1	0
8	Synthesis and characterization of Al-Cu-Mg system reinforced with tungsten carbide through powder metallurgy. <i>Materials Today Communications</i> , 2020, 22, 100758.	0.9	9
9	Aluminum-lithium alloy prepared by a solid-state route applying an alternative fast sintering route based on induction heating. <i>Materials Letters</i> , 2020, 263, 127178.	1.3	5
10	Graphite Oxide Preparation Following a Mechanochemical Green Route and Spontaneous Air Oxidation. <i>Microscopy and Microanalysis</i> , 2020, 26, 2648-2649.	0.2	1
11	Study of Microstructure and Hardness in A356 Aluminum Alloy Reinforced with Al ₂ O ₃ and WC After Hot Extrusion.. <i>Microscopy and Microanalysis</i> , 2020, 26, 2212-2214.	0.2	0
12	Exfoliated graphite preparation based on an eco-friendly mechanochemical route. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104370.	3.3	6
13	Conventional and Electromagnetic-induction Sintering of High Entropy Alloys for Low-temperature Applications. <i>Microscopy and Microanalysis</i> , 2020, 26, 2916-2917.	0.2	0
14	High-entropy Alloys Fabricated Through Powder Metallurgy for Low-temperature Applications. <i>Microscopy and Microanalysis</i> , 2020, 26, 2938-2939.	0.2	1
15	Mill Processing in Three Different Devices; The Effect of Intrinsic Intensity on the Material. <i>Microscopy and Microanalysis</i> , 2020, 26, 2206-2207.	0.2	0
16	Influence of HIP Sintering and Ce/La Additions on the Microstructure and Hardness on Inconel 718 Nickel-based Superalloy. <i>Microscopy and Microanalysis</i> , 2020, 26, 2914-2915.	0.2	2
17	Study of Densification, Microstructure, and Mechanical Properties in WC-Based Hardmetals Bonded with High and Medium Entropy Alloys. <i>Microscopy and Microanalysis</i> , 2020, 26, 3232-3233.	0.2	0
18	Effect of Ni additions and hot deformation on precipitation behavior and hardness in Al-Mg aged alloys. <i>Journal of Alloys and Compounds</i> , 2020, 828, 154429.	2.8	6

#	ARTICLE	IF	CITATIONS
19	AFM Analyses of 3XXX Series Al Alloy Reinforced with Different Hard Nanoparticles Produced in Liquid State. <i>Materials</i> , 2020, 13, 272.	1.3	3
20	Pelagic Sargassum spp. capture CO ₂ and produce calcite. <i>Environmental Science and Pollution Research</i> , 2020, 27, 25794-25800.	2.7	17
21	The influence of chelating agents on cerium oxide decorated on graphite synthesized by the hydrothermal route. <i>Ceramics International</i> , 2020, 46, 18791-18799.	2.3	9
22	Effect of Aluminum Concentration and Process Control Agents on synthesis of Al _x CoCrFeMnNi Alloys. <i>Microscopy and Microanalysis</i> , 2019, 25, 2242-2243.	0.2	0
23	Microstructural Study and Antibacterial Response of an AlCoCrCuFeMoNi High-Entropy Alloy. <i>Microscopy and Microanalysis</i> , 2019, 25, 2646-2647.	0.2	1
24	Effect of Trace Ce/La Addition on the Microstructure and Microhardness of Nanostructured Nickel-based Superalloy Inconel 718. <i>Microscopy and Microanalysis</i> , 2019, 25, 2178-2179.	0.2	4
25	Microstructural, Structural and Mechanical Behavior of WC-Based Hardmetals Bonded with High and Medium Entropy Alloys. <i>Microscopy and Microanalysis</i> , 2019, 25, 1794-1795.	0.2	2
26	Microstructural Changes and Mechanical Response of Aluminum-Based Composites Prepared with Dispersed CeO ₂ Nanoparticles. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-8.	1.0	5
27	Improvement of Mechanical Properties of an Aluminum Alloy 7075 by Adding Reduced Graphene Oxide Through Mechanical Milling. <i>Microscopy and Microanalysis</i> , 2019, 25, 2622-2623.	0.2	0
28	Wear Behavior in Al-Cu-Mg Alloy Reinforced with WC Particles Fabricated by Mechanical Alloying. <i>Microscopy and Microanalysis</i> , 2019, 25, 2628-2629.	0.2	0
29	Enhanced elastic behavior of all-carbon composites reinforced by in-situ synthesized morphed graphene. <i>Carbon</i> , 2019, 153, 657-662.	5.4	12
30	Impact of carbon nanotubes in a CrFeMnNiTi alloy proposed as a potential candidate for stainless-steel substitution. <i>Materials Letters</i> , 2019, 254, 103-106.	1.3	0
31	Influence of plastic deformation and Cu/Mg ratio on the strengthening mechanisms and precipitation behavior of AA2024 aluminum alloys. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5471-5475.	2.6	39
32	Synthesis and Analysis Microstructural of CeO ₂ Nanoparticles Using Chelating Agents. <i>Microscopy and Microanalysis</i> , 2019, 25, 1790-1791.	0.2	1
33	Hydrothermal Synthesis of Nanohybrid Gr-CeO ₂ . <i>Microscopy and Microanalysis</i> , 2019, 25, 1792-1793.	0.2	0
34	Effect of Ni Addition and T6 Heat Treatment on Microstructure and Microhardness of Hot Plastic Deformed (Al-Si-Mg) Alloys. <i>Microscopy and Microanalysis</i> , 2019, 25, 2620-2621.	0.2	0
35	Exploring the Reinforcing Effect of AgcNP and Al ₂ O ₃ NP in Aluminum Alloy 2024 Matrix Composites. <i>Microscopy and Microanalysis</i> , 2019, 25, 2624-2625.	0.2	0
36	Densification, Microhardness and Microstructural Evolution by Fast Low-Temperature Consolidation of Al _x CoCrFeMnNi High Entropy Alloy. <i>Microscopy and Microanalysis</i> , 2019, 25, 2644-2645.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Graphite Exfoliation by an Alternative Mechano-Chemical Process Using Sulfur as Exfoliating Agent. <i>Microscopy and Microanalysis</i> , 2019, 25, 2386-2387.	0.2	0
38	Preparation of an Exfoliated Graphite by Mechano-Chemical Processing, in the Presence of Sulfur. <i>Microscopy and Microanalysis</i> , 2019, 25, 2388-2389.	0.2	0
39	Effect of Fe impurities and pure Cr additions on microstructure of nanostructured WC-10Co alloy sintered by HIP. <i>Journal of Alloys and Compounds</i> , 2019, 800, 462-467.	2.8	8
40	An Eco Friendly Mechanochemical Alternative Route for Exfoliated Graphite preparation. <i>Microscopy and Microanalysis</i> , 2018, 24, 1634-1635.	0.2	0
41	The Effect of Process Control Agent on the Oxidation of Nanocrystalline Mechanically Alloyed AlCoCrFeMnNi Powders. <i>Microscopy and Microanalysis</i> , 2018, 24, 2268-2269.	0.2	0
42	Microstructure and Hardness of 2024 Alloy Subject to Hot-Extrusion, Cold-Rolling and Heat-Treatments. <i>Microscopy and Microanalysis</i> , 2018, 24, 2274-2275.	0.2	0
43	Effect of Transition Element Addition on the Microstructure and Microhardness of (Al-Si-Cu) Aged Alloys. <i>Microscopy and Microanalysis</i> , 2018, 24, 2278-2279.	0.2	0
44	Microstructural Characterization Al-Cu-Mg-WC Composite Powders Prepared by Mechanical Alloying. <i>Microscopy and Microanalysis</i> , 2018, 24, 2288-2289.	0.2	0
45	An Al-Li Powder Alloy Prepared by Mechanical Milling and Sintered Using High Frequency Induction. <i>Microscopy and Microanalysis</i> , 2018, 24, 2254-2255.	0.2	0
46	Hardness Behavior in A17075 Aged Alloys Modified with Ce/La Rare Earths. <i>Microscopy and Microanalysis</i> , 2018, 24, 2270-2271.	0.2	0
47	Process Consolidation of Al-Cu-Mg Alloy Powders Reinforced with WC Particles. <i>Microscopy and Microanalysis</i> , 2018, 24, 2252-2253.	0.2	0
48	Effect of CeO ₂ nanoparticles on Microstructure and Hardness of A6063 Aluminum Alloy.. <i>Microscopy and Microanalysis</i> , 2018, 24, 2276-2277.	0.2	1
49	B ₄ C Particles Reinforced Al ₂₀₂₄ Composites via Mechanical Milling. <i>Metals</i> , 2018, 8, 647.	1.0	16
50	Fast Low-Temperature Consolidation of AlCoCrFeMnNi High Entropy Alloy. <i>Microscopy and Microanalysis</i> , 2018, 24, 2290-2291.	0.2	0
51	Nanocrystalline Particles of CoCrFeMnMoNi High Entropy Alloy as Reinforcement Material in an Al Matrix. <i>Microscopy and Microanalysis</i> , 2018, 24, 2292-2293.	0.2	0
52	Effect of Mg additions, Hot-Extrusion and Cold-Rolling on Microstructure and Mechanical Properties of 2024 Alloy during Aging. <i>Microscopy and Microanalysis</i> , 2018, 24, 2294-2295.	0.2	0
53	Al-Graphite Composites Prepared by Powder Metallurgy Applying an Innovative Sintering Route, Which Avoids Carbides Formation. <i>Microscopy and Microanalysis</i> , 2018, 24, 2286-2287.	0.2	1
54	Graphene as reinforcement agent in aluminum alloy 7075 matrix composite by using mechanical milling. <i>Microscopy and Microanalysis</i> , 2018, 24, 1726-1727.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Evaluation of hardness and precipitation in Zn-modified Al2024 alloy after plastic deformation and heat treatments. Journal of Alloys and Compounds, 2017, 705, 1-8.	2.8	12
56	Effect of Ni Addition on Microstructure and Hardness of A356 Alloy after Hot Plastic Deformation. Microscopy and Microanalysis, 2017, 23, 582-583.	0.2	0
57	Effect of Ti and W Additions on the Microstructural Behavior of a Nanocrystalline CoCrFeMoNi High Entropy Alloy. Microscopy and Microanalysis, 2017, 23, 774-775.	0.2	1
58	Microstructure and Hardness of Al2024-025 Mg Alloy after Plastic Deformation. Microscopy and Microanalysis, 2017, 23, 398-399.	0.2	0
59	Synthesis and Characterization of Carbon Nanotubes Via Spray Pyrolysis Method. Microscopy and Microanalysis, 2017, 23, 1928-1929.	0.2	2
60	Aluminum Composites Reinforced With Graphite: a Densification and Mechanical Response Study. MRS Advances, 2017, 2, 2847-2855.	0.5	1
61	Effect of silver nanoparticles on the microstructure and mechanical properties of alumina ceramics. Canadian Metallurgical Quarterly, 2017, 56, 332-339.	0.4	3
62	An Analysis of Nanoindentation in a NiCoAlFeMo High Entropy Alloy Produced by Sintering. Microscopy and Microanalysis, 2017, 23, 772-773.	0.2	1
63	Mechanical Behavior on Microstructure of B4C Particles Reinforced 2024 Aluminum Matrix Composite Obtained by Mechanical Milling. Microscopy and Microanalysis, 2017, 23, 776-777.	0.2	0
64	Microstructural and Mechanical Behavior in the Al2024 Alloy Modified With Addition of CeO2. Microscopy and Microanalysis, 2017, 23, 1650-1651.	0.2	2
65	Microstructural Changes in Aluminum Mechanically Milled Sintered by Conventional Method and Induction. Microscopy and Microanalysis, 2017, 23, 1946-1947.	0.2	0
66	Aluminum Sintering in Air Atmosphere Using High Frequency Induction Heating. Microscopy and Microanalysis, 2017, 23, 1950-1951.	0.2	2
67	Morphological Evolution and Coalescence of Al_3Zr Precipitates. Microscopy and Microanalysis, 2017, 23, 2242-2243.	0.2	0
68	Effect of Multiwall Carbon Nanotubes (MWCNs) Reinforcement on the Mechanical Behavior of Synthesis 7075 Aluminum Alloy Composites by Mechanical Milling. Microscopy and Microanalysis, 2017, 23, 1930-1931.	0.2	1
69	Synthesis and Characterization of Zn-Ni Advanced Alloys Prepared by Mechanical Milling and Sintering at Solid-State Process. Advances in Materials Science and Engineering, 2017, 2017, 1-12.	1.0	7
70	Influence of Salt Fluxes on Recycled Al Nanocomposites Reinforced with TiO2 Nanoparticles Produced in Liquid State. Microscopy and Microanalysis, 2017, 23, 790-791.	0.2	0
71	Mechanical and Microstructural Response of an Aluminum Nanocomposite Reinforced with Carbon-Based Particles. Materials Research, 2016, 19, 13-19.	0.6	12
72	Effect on Microstructure and Microhardness of Equiatomic NiCoAlFeMoTi High Entropy Alloys Produced by Mechanical Alloying and Subsequent Arc-Melting. Microscopy and Microanalysis, 2016, 22, 1980-1981.	0.2	0

#	ARTICLE	IF	CITATIONS
73	In-Situ Transformation of Amorphous Soot into Carbon-Nanostructures by High-Energy Ball Milling. Microscopy and Microanalysis, 2016, 22, 1902-1903.	0.2	4
74	An Electron Microscopy Study on Morphology and Microstructure of a NiCoAlFeMoTiCr High-entropy Alloy synthesized by Arc-melting. Microscopy and Microanalysis, 2016, 22, 1978-1979.	0.2	0
75	Comparison of Microstructure and Hardness of an Equiatomic NiCo Alloy Produced by Two Routes.. Microscopy and Microanalysis, 2016, 22, 1994-1995.	0.2	0
76	HRTEM low dose: the unfold of the morphed graphene, from amorphous carbon to morphed graphenes. Advanced Structural and Chemical Imaging, 2016, 2, 10.	4.0	33
77	Effect of Nickel addition and solution treatment time on microstructure and hardness of Al-Si-Cu aged alloys. Materials Characterization, 2016, 120, 168-174.	1.9	24
78	Microstructural Characterization of a Metal Matrix Composite CoCrFeMnMoNi-ZnO Nanoparticles. Microscopy and Microanalysis, 2016, 22, 1996-1997.	0.2	0
79	Morphed graphene nanostructures: Experimental evidence for existence. Carbon, 2016, 102, 288-296.	5.4	37
80	An Innovative Process for Synthesis of Carbon-Base Nanostructured Materials Using a Solid-State Route. Materials Research Society Symposia Proceedings, 2015, 1765, 29-35.	0.1	1
81	A Green Method for Graphite Exfoliation Using High-Energy Ball Milling. Microscopy and Microanalysis, 2015, 21, 615-616.	0.2	1
82	Graphene Related Nanostructures Synthesized by High-Energy Ball Milling. Microscopy and Microanalysis, 2015, 21, 979-980.	0.2	0
83	Study of Al composites prepared by high-energy ball milling; Effect of processing conditions. Journal of Alloys and Compounds, 2015, 643, S172-S177.	2.8	36
84	Comparative study of synthesis of AA 7075â€“ZrO2 metal matrix composite by different mills. Journal of Alloys and Compounds, 2015, 643, S107-S113.	2.8	12
85	Microstructural evolution of mechanically alloyed Ni-based alloys under high temperature oxidation. Powder Technology, 2015, 281, 57-64.	2.1	9
86	A Green Method for Graphite Exfoliation Using a Mechanochemical Route. , 2015, , 179-188.		2
87	Study of Coarsening in $\hat{3}\hat{2}$ Precipitates by Diffusion Couples. Metallography, Microstructure, and Analysis, 2015, 4, 467-474.	0.5	0
88	Effect of process parameters on micro and macro-properties of an Al-based nanocomposite prepared by means of mechanical milling. Journal of Alloys and Compounds, 2014, 586, S85-S89.	2.8	11
89	Structural characterization of aluminium alloy 7075â€“graphite composites fabricated by mechanical alloying and hot extrusion. Materials & Design, 2014, 53, 1104-1111.	5.1	55
90	Dispersion of silicon carbide nanoparticles in a AA2024 aluminum alloy by a high-energy ball mill. Journal of Alloys and Compounds, 2014, 586, S68-S72.	2.8	43

#	ARTICLE	IF	CITATIONS
91	Microstructural and hardness behavior of graphene-nanoplatelets/aluminum composites synthesized by mechanical alloying. Journal of Alloys and Compounds, 2014, 615, S578-S582.	2.8	273
92	Effect of Cr, Mo and Ti on the microstructure and Vickers hardness of multi-component systems. Journal of Alloys and Compounds, 2014, 615, S638-S644.	2.8	15
93	Microstructural and magnetic behavior of an equiatomic NiCoAlFe alloy prepared by mechanical alloying. Journal of Alloys and Compounds, 2014, 615, S317-S323.	2.8	12
94	Mechanical Response and Microstructure of Al-SiO ₂ Composites Prepared by Means of a Solid-State Route. Materials Science Forum, 2014, 793, 17-22.	0.3	3
95	Equiatomic NiCoAlFeMoTiCr _x (x= 0,1) High Entropy Alloys Produced by Mechanical Alloying. Microscopy and Microanalysis, 2014, 20, 882-883.	0.2	0
96	Study of Coarsening in $\hat{\Gamma}'$ Precipitates by Diffusion Couples. Microscopy and Microanalysis, 2014, 20, 886-887.	0.2	0
97	Effect of Solubilization Temperature, Zn Addition and Thermo-Mechanical Treatments in the Microstructure of the Aluminum 2024 Alloy. Microscopy and Microanalysis, 2014, 20, 1478-1479.	0.2	1
98	A Green Method for Graphite Exfoliation, Effect of Milling Intensity.. Microscopy and Microanalysis, 2014, 20, 1780-1781.	0.2	1
99	Al ₄ C ₃ /Ag Formation in an Aluminum Composite Produced by High-Energy Ball Milling.. Microscopy and Microanalysis, 2014, 20, 1782-1783.	0.2	0
100	Compression Properties of an Al ₂ O ₃ Composite Reinforced with SiC Nanoparticles. Microscopy and Microanalysis, 2014, 20, 1966-1967.	0.2	0
101	Effect of milling time and CNT concentration on hardness of CNT/Al ₂ O ₃ composites produced by mechanical alloying. Materials Characterization, 2013, 75, 13-19.	1.9	94
102	Effect of High-Energy Ball Milling on the Microstructure of Natural Graphite. Microscopy and Microanalysis, 2013, 19, 1598-1599.	0.2	1
103	Study of Al-Graphite composites prepared by mechanical processing in a high-energy ball mill. Microscopy and Microanalysis, 2012, 18, 1566-1567.	0.2	0
104	An aluminum-Silica nanocomposite prepared by means of mechanical milling. Microscopy and Microanalysis, 2012, 18, 1656-1657.	0.2	1
105	Characterization of a Ni Base Alloy Obtained by Mechanical Alloying Followed by SPS. Microscopy and Microanalysis, 2012, 18, 1940-1941.	0.2	0
106	A comparative study of an Alumina-MWCNTs nanocomposite synthesized by two different routes. Microscopy and Microanalysis, 2012, 18, 1574-1575.	0.2	0
107	Characterization of a Ni-Co-Cr-Al bond coat produced by mechanical alloying. Microscopy and Microanalysis, 2012, 18, 1684-1685.	0.2	0
108	NiCoAlFeCrTi High Entropy Alloys Produced In Solid State.. Microscopy and Microanalysis, 2012, 18, 1920-1921.	0.2	1

#	ARTICLE	IF	CITATIONS
109	Nanostructured composites obtained by mechanical alloying of nanoparticles reinforced and 2024 aluminum alloy. <i>Microscopy and Microanalysis</i> , 2012, 18, 1936-1937.	0.2	0
110	Effect of carbon nanoparticles addition on the mechanical properties of an aluminum composite prepared by mechanical milling and leaching process. <i>Journal of Alloys and Compounds</i> , 2012, 536, S175-S179.	2.8	5
111	Characterization of Al ₂ O ₃ NP@Al ₂ O ₃ and AgCNP@Al ₂ O ₃ composites prepared by mechanical processing in a high energy ball mill. <i>Journal of Alloys and Compounds</i> , 2012, 536, S26-S30.	2.8	12
112	AA2024@CNTs composites by milling process after T6-temper condition. <i>Journal of Alloys and Compounds</i> , 2012, 536, S17-S20.	2.8	29
113	Microstructure and mechanical properties of 7075 aluminum alloy nanostructured composites processed by mechanical milling and indirect hot extrusion. <i>Materials Characterization</i> , 2012, 63, 39-46.	1.9	12
114	Wear behavior in Al ₂ O ₃ @CNTs composites synthesized by mechanical alloying. <i>Wear</i> , 2012, 292-293, 169-175.	1.5	33
115	Synthesis of aluminum alloy 7075-graphite composites by milling processes and hot extrusion. <i>Journal of Alloys and Compounds</i> , 2011, 509, S284-S289.	2.8	29
116	Microstructure of NiCoAlFeCuCr multi-component systems synthesized by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2011, 509, S279-S283.	2.8	17
117	Characterization of Al ₂ O ₃ -CNTs composites produced by mechanical alloying. <i>Powder Technology</i> , 2011, 212, 390-396.	2.1	66
118	Metal-Graphite Couples Synthesized by Means of Mechanical Milling. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1276, 1.	0.1	0
119	Mechanical and microstructural characterization of dispersion strengthened Al@C system nanocomposites. <i>Journal of Alloys and Compounds</i> , 2010, 489, 626-630.	2.8	19
120	Microstructural characterization of Al-MWCNT composites produced by mechanical milling and hot extrusion. <i>Journal of Alloys and Compounds</i> , 2010, 495, 399-402.	2.8	55
121	Microstructural and mechanical characterization in 7075 aluminum alloy reinforced by silver nanoparticles dispersion. <i>Journal of Alloys and Compounds</i> , 2010, 495, 394-398.	2.8	24
122	Effect of metallic addition on mechanical properties in an aluminum@graphite composite synthesized by means of mechanical milling. <i>Journal of Alloys and Compounds</i> , 2010, 495, 403-407.	2.8	14
123	Strengthening phases in the production of Al ₂ O ₃ -CNTs composites by a milling process. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1276, 1.	0.1	0
124	Microstructural Characterization of Multi-Component Systems Produced by Mechanical Alloying. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1243, 1.	0.1	0
125	Microstructural and mechanical characterization of Al@MWCNT composites produced by mechanical milling. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 502, 159-163.	2.6	203
126	Carbon-coated silver nanoparticles dispersed in a 2024 aluminum alloy produced by mechanical milling. <i>Journal of Alloys and Compounds</i> , 2009, 483, 355-358.	2.8	10

#	ARTICLE	IF	CITATIONS
127	Graphite nanoparticle dispersion in 7075 aluminum alloy by means of mechanical alloying. Journal of Alloys and Compounds, 2009, 483, 173-177.	2.8	55
128	Synthesis and Mechanical Characterization of Aluminum Based Composites Prepared by Powder Metallurgy. Materials Research Society Symposia Proceedings, 2009, 1243, 1.	0.1	3
129	Effect of Metallized Graphite Addition and Milling Intensity on Final Powder Morphology in an Aluminum 7075 Composite. Microscopy and Microanalysis, 2008, 14, 566-567.	0.2	0
130	Novel Al-matrix nanocomposites reinforced with multi-walled carbon nanotubes. Journal of Alloys and Compounds, 2008, 450, 323-326.	2.8	146
131	Influence of Reinforcement Particles Addition and Processing Intensity on the Mechanical Properties in an Al-7075 Composite Produced by Mechanical Milling. Microscopy and Microanalysis, 2008, 14, 562-563.	0.2	0
132	Al-MWCNT Composites Obtained by Mechanical Milling. Microscopy and Microanalysis, 2008, 14, 576-577.	0.2	0
133	Microstructural and Hot Extrusion Evaluation of Aluminum Alloy Al2024 During Mechanical Milling,. Microscopy and Microanalysis, 2008, 14, 564-565.	0.2	0
134	Microstructural Characterization of Aluminum - Silver Nanoparticles Composites Produced by Mechanical Milling. Microscopy and Microanalysis, 2008, 14, 368-369.	0.2	1
135	Mechanical and microstructural characterization of aluminum reinforced with carbon-coated silver nanoparticles. Journal of Alloys and Compounds, 2007, 438, 195-201.	2.8	13
136	Aluminum-graphite composite produced by mechanical milling and hot extrusion. Journal of Alloys and Compounds, 2007, 434-435, 518-521.	2.8	32
137	TEM characterization of Al-Cu-Al ₂ O ₃ composites produced by mechanical milling. Journal of Alloys and Compounds, 2007, 434-435, 514-517.	2.8	11
138	Microstructural Characterization in Aluminum-Graphite Composites Produced by Mechanical Milling and Hot Extrusion. Microscopy and Microanalysis, 2006, 12, 1056-1057.	0.2	0
139	Microstructural and Mechanical Characterization of Aluminum Reinforced with Silver Nanoparticles. Microscopy and Microanalysis, 2006, 12, 614-615.	0.2	0
140	Microstructural Characterization in Al-C-Al ₂ O ₃ Composites Produced by Mechanical Milling. Journal of Metastable and Nanocrystalline Materials, 2005, 24-25, 165-168.	0.1	0
141	Novel Composites Aluminum-Multi-Walled Carbon Nano-Tubes. Journal of Metastable and Nanocrystalline Materials, 2005, 24-25, 77-80.	0.1	5
142	Lead-Free Solder System Bi ₅ -Ag ₃ -Cu _{0.5} -Sn Prepared by Mechanical Alloying. Journal of Metastable and Nanocrystalline Materials, 2005, 24-25, 451-454.	0.1	0
143	Characterization of Al-Based Composites Produced by Mechanical Milling Using Electron Energy Loss Spectroscopy. Journal of Metastable and Nanocrystalline Materials, 2005, 24-25, 169-172.	0.1	0
144	EELS Characterization of Ni-Mo Catalyst Synthesized by Mechanical Alloying. Journal of Metastable and Nanocrystalline Materials, 2004, 20-21, 599-604.	0.1	0

#	ARTICLE	IF	CITATIONS
145	Microstructural Characterization on Ni-Mo Catalyst Synthesized by Mechanical Alloying. Journal of Metastable and Nanocrystalline Materials, 2004, 20-21, 269-274.	0.1	0
146	Electrochemical performance of hydrogen evolution reaction of Ni-Mo electrodes obtained by mechanical alloying. International Journal of Hydrogen Energy, 2004, 29, 1141-1141.	3.8	13
147	Microstructural and Mechanical Characterization of Aluminum-Graphite Composites. Journal of Metastable and Nanocrystalline Materials, 2004, 20-21, 133-138.	0.1	5
148	TEM Characterization in Al-C-Al ₂ O ₃ Composites Produced by MA.. Microscopy and Microanalysis, 2004, 10, 678-679.	0.2	0
149	SEM Characterization in Al-C-Al ₂ O ₃ Composites Produced by MA.. Microscopy and Microanalysis, 2004, 10, 680-681.	0.2	0
150	SEM Characterization in Al-C-Al ₂ O ₃ Composites Produced by Stir Casting.. Microscopy and Microanalysis, 2004, 10, 682-683.	0.2	0
151	EELS Characterization in Al-C-Al ₂ O ₃ Composites Produced by MA. Microscopy and Microanalysis, 2004, 10, 684-685.	0.2	0
152	Ni-Mo Catalyst Synthesized by Mechanical Alloying. Journal of Metastable and Nanocrystalline Materials, 2003, 15-16, 745-750.	0.1	1
153	Electrochemical Evaluation of Ni-Mo Electrodes Obtained by Mechanical Alloying. Journal of Metastable and Nanocrystalline Materials, 2003, 15-16, 701-706.	0.1	0
154	Reinforced Aluminum by Graphite Dispersion. Journal of Metastable and Nanocrystalline Materials, 2003, 15-16, 501-506.	0.1	1
155	Thermal Analysis of Mechanically Alloyed Ni-Mo Powders. Journal of Metastable and Nanocrystalline Materials, 2003, 15-16, 507-512.	0.1	0
156	Crystallization of Partially Amorphized Ni-Mo Alloy. Microscopy and Microanalysis, 2003, 9, 616-617.	0.2	2
157	TEM and Mechanical Characterization in Al-C Composite. Microscopy and Microanalysis, 2003, 9, 614-615.	0.2	0
158	SEM Characterization Ni-Mo Catalyst Synthesized by Mechanical Alloying. Microscopy and Microanalysis, 2003, 9, 612-613.	0.2	2
159	Atmospheric and Milling-Device Effects on the Activation Energy for Crystallization of a Partially Amorphized Ni-Mo Alloy. Materials Science Forum, 2002, 386-388, 135-140.	0.3	4
160	TEM Characterization on the Nanocomposite Al 7075 and Silver Nanoparticles Synthesized by Powder Metallurgy. Materials Science Forum, 0, 644, 9-12.	0.3	2
161	Dispersion of CNTs in Aluminum 2024 Alloy by Milling Process. Materials Science Forum, 0, 691, 27-31.	0.3	1
162	Mechanical Study on Al-based Composites Synthesized by Mechanical Milling and Hot Extrusion. Materials Science Forum, 0, 691, 37-43.	0.3	1