

# Raúl Pérez-Bustamante

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,097  
citations

758635

12  
h-index

794141

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

976  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural and hardness behavior of graphene-nanoplatelets/aluminum composites synthesized by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2014, 615, S578-S582.	2.8	273
2	Microstructural and mechanical characterization of Al-MWCNT composites produced by mechanical milling. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 502, 159-163.	2.6	203
3	Novel Al-matrix nanocomposites reinforced with multi-walled carbon nanotubes. <i>Journal of Alloys and Compounds</i> , 2008, 450, 323-326.	2.8	146
4	Effect of milling time and CNT concentration on hardness of CNT/Al2024 composites produced by mechanical alloying. <i>Materials Characterization</i> , 2013, 75, 13-19.	1.9	94
5	Characterization of Al2024-CNTs composites produced by mechanical alloying. <i>Powder Technology</i> , 2011, 212, 390-396.	2.1	66
6	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
7	Structural characterization of aluminium alloy 7075-graphite composites fabricated by mechanical alloying and hot extrusion. <i>Materials &amp; Design</i> , 2014, 53, 1104-1111.	5.1	55
8	Mechanical properties of the A356 aluminum alloy modified with La/Ce. <i>Journal of Rare Earths</i> , 2013, 31, 811-816.	2.5	54
9	Wear behavior in Al2024-CNTs composites synthesized by mechanical alloying. <i>Wear</i> , 2012, 292-293, 169-175.	1.5	33
10	AA2024-CNTs composites by milling process after T6-temper condition. <i>Journal of Alloys and Compounds</i> , 2012, 536, S17-S20.	2.8	29
11	The effect of heat treatment on microstructure evolution in artificially aged carbon nanotube/Al2024 composites synthesized by mechanical alloying. <i>Materials Characterization</i> , 2017, 126, 28-34.	1.9	29
12	B4C Particles Reinforced Al2024 Composites via Mechanical Milling. <i>Metals</i> , 2018, 8, 647.	1.0	16
13	Grain Refiner Effect on the Microstructure and Mechanical Properties of the A356 Automotive Wheels. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 581-587.	1.2	13
14	Effect of cerium/lanthanum addition on microstructure and mechanical properties of Al7075 alloy via mechanical alloying and sintering. <i>Journal of Rare Earths</i> , 2016, 34, 420-427.	2.5	12
15	Wear Dry Behavior of the Al-6061-Al2O3 Composite Synthesized by Mechanical Alloying. <i>Metals</i> , 2021, 11, 1652.	1.0	7
16	Microstructural Changes and Mechanical Response of Aluminum-Based Composites Prepared with Dispersed CeO <sub>2</sub> Nanoparticles. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-8.	1.0	5
17	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
18	Nanotubes and other allotropic carbon forms by chemical vapor deposition on an inconel surface. <i>Revista Mexicana De Física</i> , 2019, 66, 105-109.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Dispersion of CNTs in Aluminum 2024 Alloy by Milling Process. Materials Science Forum, 0, 691, 27-31.	0.3	1
20	Microstructural analysis of master alloys processed by mechanical alloying. Microscopy and Microanalysis, 2021, 27, 3390-3392.	0.2	1
21	Al-MWCNT Composites Obtained by Mechanical Milling. Microscopy and Microanalysis, 2008, 14, 576-577.	0.2	0
22	Strengthening phases in the production of Al2024-CNTs composites by a milling process. Materials Research Society Symposia Proceedings, 2010, 1276, 1.	0.1	0
23	Based-Carbon Reinforcements for Aluminum Composites. Microscopy and Microanalysis, 2013, 19, 1570-1571.	0.2	0
24	Comparative Analysis of Hardness Performance of a 7075 Aluminum Alloy Having Carbon Fiber and Carbon Nanotubes. Microscopy and Microanalysis, 2020, 26, 2910-2912.	0.2	0
25	Effect of Dispersion of Particles Nanohybrid Reinforcing in the 6063 Aluminum Alloy. Microscopy and Microanalysis, 2021, 27, 3272-3275.	0.2	0