



Amirkabir University of Technology
(Tehran Polytechnic)



Nader Parvin

Associate Professor
Department of Materials and Metallurgical
Engineering
Material Synthesis and Manufacturing

Email:
nparvin@aut.ac.ir

Phone:
+9821 64542911

h-index (Scopus):
26

Citations (Scopus):
2517

Supervised MSc Theses

#	Thesis title	By	Date
1	Synthesis and Characterization of Nickel-based Brazing pastes for repair of Superalloy components	Ali Zandifar & Nader Parvin	September 2021
2	Synthesis and characterization of Nickel-base Nano-powders which use in brazing of Gas Turbine components and study about effects of additive elements on that properties	Seyed Emadoddin Hosseini & Nader Parvin	August 2020
3	Synthesis, Characterization and Cytotoxicity of Co _{1-x} Ni _x Fe ₂₀ O ₄ / Polymer Nanoparticles by Sol Gel method	Amir Hossein Esmailkhanian & Nader Parvin	February 2020
4	Synthesis and characterization of bioactive glass containing zinc oxide and strontium oxide by sol-gel method	Zahra Goudarzi & Nader Parvin	January 2020
5	The effect of additives on compressibility and sinterability of porous x ₂ CrNiMo ₁₈ steel by Process of Powder Metallurgy	Amir Ijadi & Nader Parvin	April 2019
6	Effect of process parameters on permeability and mechanical properties of Stainless Steel 316L Filters	Hamed Gholamzadeh & Nader Parvin	April 2019
7	The Effect of selective laser melting parameter on Microstructure and Porosity morphology of stainless steel 316L	Yashar Azarmehr & Nader Parvin	February 2018
8	Characterization of NiTi Coating on Stainless Steel 3161 substrate with Laser Cladding	Kian Zarghami & Nader Parvin	February 2018
9	Effect of ZrO ₂ volume fraction on mechanical and corrosion properties of Cr ₂ O ₃ -SiC-ZrO ₂ Plasma coatings	Milad Yousefi Mokri & Nader Parvin	July 2017

10	Investigation of properties of brazed powder metallurgy compacts using Ancorbraz 72	Adnan Naji Shakeer Al Dujaili & Nader Parvin	May 2017
11	The effect of soldering parameters on mechanical and electrical properties of silver joint	Sepedeh Mousavi & Nader Parvin	May 2016
12	Fabrication and Characterization of W-Cu Functionally graded Material by Powder Metallurgy	Ali Yusefi & Nader Parvin	January 2016
13	Compaction Behavior of Powder Metallurgy Processed of AL/SiC Composite	Hadi Naderi Seghin Sara & Nader Parvin	December 2015
14	Comparison and characterization of Al-Al ₂ O ₃ composite made by powder metallurgy and accumulative press bonding processes	Masoomah Askarian & Nader Parvin	December 2015
15	Design of joint and brazing of tungsten carbide to a drilling stabilizer	Ali Amirasiri & Nader Parvin	October 2015
16	The effect of pin geometry on the flow of material in friction stir welding of AA 6061 plates with nanoparticles	Ramona Javadi Doodran & Nader Parvin	October 2015
17	Investigation of microstructure and mechanical properties of brazed WC/Steel joint zone	Mahdi Shafiei Haghshenas & Nader Parvin	February 2015
18	.Optimization Hydrothermal Synthesis of Sr Hexaferrite for Absorbing Electromagnetic Waves in the Range of 8-12 GHz	Ebrahim Zadeh Soleimani & Nader Parvin	December 2014
19	Effect of reinforcing nano particles on the properties of friction stir welding of aluminium 6061	Mohsen Farahmand Nikoo & Nader Parvin	September 2014
20	The effect of plastic deformation and aging on nickel-rich NiTi Shape memory alloy microstructure and transformation temperatures	Sako Pirani & Nader Parvin	January 2014
21	Brazing of copper foil to brass and investigation of electrical properties	Manoochehr Ebadi Asar & Nader Parvin	October 2013
22	Study of the corrosion behavior of anodized Ni-Ti shape memory alloy	Maryam Pourmahdavi & Nader Parvin	October 2013
23	Synthesis of nano-porous magnesium oxide powder by hydrothermal method	Abdollah Allahverdizadeh & Nader Parvin	October 2013
24	Preparation and characterizations of uniform TiO ₂ membrane on porous 316L stainless steel by sol-gel dip coating for nanofiltration process	Fatemeh Mohamadi Hajibekandeh & Nader Parvin	February 2013
25	Self-propagating high-temperature synthesis of two reinforcers simultaneous reinforced NiAl nano composite powder	Ali Akbar Shokati & Nader Parvin	February 2012
26	??	Elham Salehoun & Nader Parvin	January 2012
27	The effect of Nobel metal on the properties of SnO ₂ nano composite	Ali Sharifian Jazi & Nader Parvin	October 2011
28	Fabrication of Stainless Steel ultrafine pore Membrane Supports	Seyed Mohammad Hossein Pighanbarzadeh & Nader Parvin	June 2011
29	b	Sanam Abedini Dereshgy & Nader Parvin	February 2011
30	bbba	Seyedali Hosseini & Nader Parvin	February 2011

31	Investigation of effective parameters on oxidation resistance of Al-Cr coating after Aluminizing-Chromizing process	Yousef Sedigh Bijarpas & Nader Parvin	February 2011
32	Effect of	Mehdi Taheri Shargh & Nader Parvin	February 2011
33	manufacturing of Cu-based shape memory alloy by powder metallurgy	Sajjad Pourkhorshidi & Nader Parvin	June 2010
34	Synthesis of ultra magnetic alloy particles by reduction of their chlorides in vapor phase	Ali Bateni & Nader Parvin	June 2010
35	Synthesis of Ag-ZnO nano composite by coprecipitation process	Mohammad Reza Rabiei & Nader Parvin	June 2010
36	synthesis of Ag-SnO ₂ nano composite by coprecipitation process	Farideh Shakerian & Nader Parvin	January 2010
37	casting of A356/TiB ₂ composite based on the TiB ₂ /CMC/PPS mortar	Mohammad Hizombar & Nader Parvin	February 2009
38	THE EFFECT OF ADDITIVES ON INTERNAL OXIDATION OF Ag-Cd ALLOY	Ashkan Naseh & Nader Parvin	September 2008
39	INVESTIGATION ON TOUGHNES OF GEOPOLYMER COMPOSITES WITH REINFORCED FIBER	Ehsan Gohari Behjat Abadi & Nader Parvin	May 2007
40	THE EFFECT OF THERMO MECHANICAL TREATMENT ON THE PROPERTIES OF POWDER METALLURGY TUNGSTAN ALLOYS	Hooyar Attar & Nader Parvin	February 2007
41	EFFECTS OF MILLING PARAMETERS ON CHARACTERISTICS OF W-CU NAOCOMPOSITE, PREPARED BY MECHANICAL MILLING	Siamak Eghtesadi & Nader Parvin	February 2007

Journal Papers

Portal Records

- Behzad Nayebi, Nader Parvin, Jamshid Aghazadeh Mohandes, Mehdi Shahedi Asl, "Densification and toughening mechanisms in spark plasma sintered ZrB₂-based composites with zirconium and graphite additives", CERAMICS INTERNATIONAL, June 2020 Vol. 46, Num. 9, Page 13685-13694, June 2020,
- Seyed Mahdi Hashemi, Nader Parvin, Zia Valefi, Mostafa Alishahi, "Comparative study on tribological and corrosion protection properties of plasma sprayed Cr₂O₃-YSZ-SiC ceramic coatings", CERAMICS INTERNATIONAL, December 2019 Vol. 45, Num. 17, Page 21108-21119, December 2019,
- Zeinab Tashi, Mohadeseh Zare, Nader Parvin, "Application of phytic-acid as an in-situ crosslinking agent in electrospun gelatin-based scaffolds for skin tissue engineering", MATERIALS LETTERS, December 2019 Vol. 264, Num. 127275, Page 0-0, December 2019,
- Mohadeseh Zare, Nader Parvin, Molamma Prabhakaran, Jamshid Aghazadeh Mohandes, Seeram Ramakrishna, "Highly porous 3D sponge-like shape memory polymer for tissue engineering application with remote actuation potential", COMPOSITES SCIENCE AND TECHNOLOGY, October 2019 Vol. 184, Num. 0, Page 1-10, October 2019,
- Ali Amirnasiri, Nader Parvin, Mahdi Shafiei Haghshenas, "Investigation of Surface Roughness Parameter in Dissimilar Diffusion Brazing of WC-Co to AISI 4145 Steel", Welding in the World, July 2019 Vol. 0, Num. 0, Page 0-0, July 2019,
- Zahra Goudarzi, Nader Parvin, Fariborz Sharifian Jazi, "Formation of hydroxyapatite on surface of SiO₂-P₂O₅-CaO-SrO-ZnO bioactive glass synthesized through sol-gel route", CERAMICS INTERNATIONAL, June 2019 Vol. 0, Num. 0, Page 0-0, June 2019,

- 7 Mohadeseh Zare, Molamma P Prabhakaran, Nader Parvin, Seeram Ramakrishna, "Thermally-induced two-way shape memory polymers: Mechanisms, structures, and applications", CHEMICAL ENGINEERING JOURNAL, May 2019 Vol. 374, Num. 1, Page 706-720, May 2019,
- 8 Amir Hossein Esmaeilkhanian, Fariborz Sharifian Jazi, Aliasghar Abochenari, Amirreza Rohani, Nader Parvin, Mohammad Irani, "Synthesis and Characterization of Natural Nano-hydroxyapatite Derived from Turkey Femur-Bone Waste", APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, May 2019 Vol. 2019, Num. 189, Page 919-932, May 2019,
- 9 Seyed Mahdi Hashemi, Nader Parvin, Zia Valefi, "Effect of Addition of Multimodal YSZ and SiC Powders on the Mechanical Properties of Nanostructured Cr₂O₃ Plasma-Sprayed Coatings", JOURNAL OF THERMAL SPRAY TECHNOLOGY, February 2019 Vol. 28, Num. 3, Page 544-562, February 2019,
- 10 Seyed Mahdi Hashemi, Nader Parvin, Zohor Valefi, "Effect of microstructure and mechanical properties on wear behavior of plasma-sprayed Cr₂O₃-YSZ-SiC coatings", CERAMICS INTERNATIONAL, November 2018 Vol. 0, Num. 0, Page 0-0, November 2018,
- 11 Maryam Akbari, Asal Hoseini Monazah, Nader Parvin, Khosro Rahmani, "Synthesis and Characterization of NiO/YSZ Composite by Cold Pressing and Sintering", , June 2018 Vol. 50, Num. 4, Page 525-532, June 2018,
- 12 Seiedmahdi Hashemi, Nader Parvin, Ziyae Valefi, "Corrosion behaviour of plasma-aprayed Cr₂o₃ and Cr₂o₃-20YSZ coating in 3.5wt% NaCl solution with and without sealing", , May 2018 Vol. 8, Num. 19, Page 1-15, May 2018,
- 13 Ali Yusefi, Nader Parvin, Hossein Mohammadi, "WCu functionally graded material: Low temperature fabrication and mechanical characterization", JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, December 2017 Vol. 115, Num. 0, Page 26-35, December 2017,
- 14 Fariborz Sharifian Jazi, Nader Parvin, Mohammadreza Tahriri, "Synthesis and characteristics of sol-gel bioactive SiO₂-P₂O₅-CaO-Ag₂O glasses", JOURNAL OF NON-CRYSTALLINE SOLIDS, November 2017 Vol. 476, Num. 0, Page 108-113, November 2017,
- 15 Mahdi Shafiei Haghshenas, Nader Parvin, Ali Amirnasiri, "Effect of Bonding Temperature on Microstructure and Mechanical Properties of WC-Co/Steel Diffusion Brazed Joint", TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS, September 2017 Vol. 71, Num. 3, Page 649-658, September 2017,
- 16 Fariborz Sharifian Jazi, Nader Parvin, Mohamadreza Tahriri, "Formation of apatite nano-needles on novel gel derived SiO₂-P₂O₅-CaO-SrO-Ag₂O bioactive glasses", CERAMICS INTERNATIONAL, August 2017 Vol. 43, Num. 17, Page 15214-15220, August 2017,
- 17 Hassanen L.Jaber, Ali Sabea Hammood, Nader Parvin, "Synthesis and characterization of hydroxyapatite powder from natural Camelus bone", Journal of the Australian Ceramic Society, August 2017 Vol. 0, Num. 0, Page 0-0, August 2017,
- 18 Ali Amirnasiri, Nader Parvin, Mahdi Shafiei Haghshenas, "Dissimilar Diffusion Brazing of WC-Co to AISI 4145 steel using RBCuZn-D interlayer", Journal of Manufacturing Processes, June 2017 Vol. 28, Num. 1, Page 82-93, June 2017,
- 19 Ali Yusefi, Nader Parvin, "Fabrication of three layered W-Cu functionally graded composite via spark plasma sintering", FUSION ENGINEERING AND DESIGN, December 2016 Vol. 114, Num. 0, Page 196-202, December 2016,
- 20 Sajjad Amir Khanlou, Mehdi Rahimian, Mostafa Ketabchi, Nader Parvin, Parisa Yaghinali, Fernando Carreno, "Strengthening Mechanisms in Nanostructured Al/SiCp Composite Manufactured by Accumulative Press Bonding", METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, July 2016 Vol. ., Num. 0, Page 0-0, July 2016,
- 21 Mohsen Farahmand Nikoo, Hesam Azizi Varzeghani, Nader Parvin, Hassan Yosefpour Naghibi, "The influence of heat treatment on microstructure and wear properties of friction stir welded AA6061-T6/Al₂O₃ nanocomposite joint at four different traveling speed", Journal of Manufacturing Processes, April 2016 Vol. 22, Num. 0, Page 90-98, April 2016,
- 22 Saeed Khademzadeh, Somone Carmignato, Nader Parvin, Filippo Zanini, Paolo.F Bariani, "Micro porosity analysis in additive manufactured NiTi parts using micro computed tomography and electron microscopy", MATERIALS & DESIGN, January 2016 Vol. 90, Num. 0, Page 745-752, January 2016,
- 23 Ehsan Gharibshahian, Abas Honarbakhsh Raouf, Nader Parvin, "Microstructural evolution in friction stir welded API 5L-X52 steel", International Advanced Research Journal in Science ,Engineering and Technology, November 2015 Vol. 2, Num. 11, Page 64-70, November 2015,

- 24 Saeed Khademzadeh, Mohammad Reza Toroghi Nejad, Fakhredidin Ashrafizadeh, Nader Parvin, "Microstructure and mechanical properties of Al-Cu composite produced by accumulative roll bonding and folding (ARBF)", *International Journal of Microstructure and Materials Properties*, October 2015 Vol. 10, Num. 3, Page 159-171, October 2015,
- 25 Mohsen Farahmand Nikoo, Nader Parvin, Mohsen Bahrami, "Al2O3-fortified AA6061-T6 joint produced via friction stir welding: The effects of traveling speed on microstructure, mechanical, and wear properties", *PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS*, October 2015 Vol. 0, Num. 0, Page 1-10, October 2015,
- 26 Arzhang Hamdollahzadeh Kivi, Mohsen Bahrami, Mohsen Farahmand Nikoo, Ali Yusefi, Mohamad Kazem Besharati Givi, Nader Parvin, "Microstructure evolutions and mechanical properties of nano-SiC-fortified AA7075 friction stir weldment: The role of second pass processing", *Journal of Manufacturing Processes*, September 2015 Vol. 0, Num. 0, Page 376-373, September 2015,
- 27 Saeed Khademzadeh, Nader Parvin, Paolo F. Bariani, "Production of NiTi alloy by direct metal deposition of mechanically alloyed powder mixtures", *INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING*, August 2015 Vol. 16, Num. 11, Page 2333-2338, August 2015,
- 28 Saeed Khademzadeh, Nader Parvin, Paolo.F Bariani, Federico Mazzucato, "Effects of micro laser sintering process parameters on quality of nickel-titanium single tracks and thin walls", *METALS AND MATERIALS INTERNATIONAL*, August 2015 Vol. 0, Num. 0, Page 0-0, August 2015,
- 29 Aria Mansouri Tehrani, Hamidreza Shahrokhshahi, Nader Parvin, J.Rgoch, "Influencing the martensitic phase transformation in NiTi through point defects", *JOURNAL OF APPLIED PHYSICS*, July 2015 Vol. 118, Num. 0, Page 1-5, July 2015,
- 30 Majid Khodaei, Nader Parvin, "The effect of different melt treatments on alloying element distribution and mechanical properties of A356 aluminum alloy", *RUSSIAN JOURNAL OF NON-FERROUS METALS*, July 2015 Vol. 56, Num. 3, Page 261-266, July 2015,
- 31 Arzhang Hamdollahzadeh Kivi, Mohsen Bahrami, Mohsen Farahmand Nikoo, Ali Yusefi, Mohamad Kazem Besharati Givi, Nader Parvin, "Studying the effects of second pass processing on the microstructure and mechanical properties of AA7075/SiC joint produced via friction stir welding", *Journal of Manufacturing Processes*, June 2015 Vol. 0, Num. 0, Page 0-0, June 2015,
- 32 Fatemeh Mohamadi Hajibekandeh, Nader Parvin, "Preparation and characterization of TiO2 membrane on porous 316 L stainless steel substrate with high mechanical strength", *Membrane Water Treatment*, March 2015 Vol. 6, Num. 3, Page 251-262, March 2015,
- 33 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Alberto Orozco-Caballero, Fernando Carreno, "Homogeneous and ultrafine-grained metal matrix nanocomposite achieved by accumulative press bonding as a novel severe plastic deformation process", *SCRIPTA MATERIALIA*, February 2015 Vol. 100, Num. 0, Page 40-43, February 2015,
- 34 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Masoomeh Askarian, Fernando Carreno, "Achieving ultrafine grained and homogeneous AA1050/ZnO nanocomposite with well-developed high angle grain boundaries through accumulative press bonding", *MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING*, January 2015 Vol. 627, Num. 1, Page 374-380, January 2015,
- 35 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, G.P.C. Drummen, "Structural Evaluation and Mechanical Properties of Aluminum/ Tungsten Carbide Composites Fabricated by Continual Annealing and Press Bonding (CAPB) Process", *METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE*, October 2014 Vol. ., Num. 0, Page 0-0, October 2014,
- 36 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, Mehdi Sanjari, Augusto Lopes, "Accumulative Roll Bonding of Pure Copper and IF Steel", *International Journal of Metals*, September 2014 Vol. 2014, Num. 179723, Page 1-9, September 2014,
- 37 Mohsen Bahrami, Mohammad Kazem Besharati Givi, Kamran Dehghani, Nader Parvin, "On the role of pin geometry in microstructure and mechanical properties of AA7075/SiC nano-composite fabricated by friction stir welding technique", *MATERIALS & DESIGN*, February 2014 Vol. 53, Num. 0, Page 519-527, February 2014,
- 38 Fariborz Sharifian Jazi, Nader Parvin, Mohammadreza Tahriri, Morteza Alizade, Sanam Abedini Dereshgy, Lehdi Alizade, "The Relationship Between the Synthesis and Morphology of SnO2-Ag2O Nanocomposite", *SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY*, December 2013 Vol. 5, Num. 44, Page 759-764, December 2013,

- 39 Nader Parvin, Ali Doryab, "The Application of Response Surface Methodology for the Optimization of Compaction Parameters in the Cu-Al₂O₃ Composite", *Journal of Powder Metallurgy & Mining*, December 2013 Vol. 2, Num. 2, Page 1-3, December 2013,
- 40 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Shohreh Khorsand, Reza Bahrami, "Accumulative press bonding; a novel manufacturing process of nanostructured metal matrix composites", *MATERIALS & DESIGN*, October 2013 Vol. 51, Num. 0, Page 367-374, October 2013,
- 41 Ali Akbar Shokati, Nader Parvin, Mohamad Shokati, "Combustion synthesis of NiAl matrix composite powder reinforced by TiB₂ and TiN particulates from Ni-Al-Ti-BN reaction system", *JOURNAL OF ALLOYS AND COMPOUNDS*, September 2013 Vol. 0, Num. 0, Page 0-0, September 2013,
- 42 Sanam Abedini Dereshgy, Nader Parvin, Parviz Ashtari, Fariborz Sharifian Jazi, "Microstructure, strength and CO₂ separation characteristics of γ -alumina supported γ -alumina thin film membrane", *ADVANCES IN APPLIED CERAMICS*, January 2013 Vol. 112, Num. 1, Page 17-22, January 2013,
- 43 Maryam Pourmahdavi, Nader Parvin, "Effects of anodic in ethylene glycol based electrolyte on the corrosion resistance and biocompatibility of Ni Ti shape memory alloy", *Advanced Materials Research (AMR)*, January 2013 Vol. 0, Num. 829, Page 431-435, January 2013,
- 44 Fariborz Sharifian Jazi, Nader Parvin, Mohammad Reza Rabiei, Mohammadreza Tahriri, Zahra Moshefi Shabestari, Amir Reza Azadmehr, "The effect of the synthesis route on the grain size and morphology of ZnO/Ag nanocomposite", *JOURNAL OF CERAMIC PROCESSING RESEARCH*, December 2012 Vol. 13, Num. 5, Page 523-526, December 2012,
- 45 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, "Nanocrystalline/nanoparticle ZnO synthesized by high energy ball milling process", *MATERIALS LETTERS*, November 2012 Vol. 86, Num. 1, Page 122-124, November 2012,
- 46 Ali Akbar Shokati, Nader Parvin, Naser Sabzianpoor, Mohamad Shokati, Ali Hamaty, "In situ synthesis of NiAl-NbB₂ composite powder through combustion synthesis", *JOURNAL OF ALLOYS AND COMPOUNDS*, August 2012 Vol. 0, Num. 0, Page 0-0, August 2012,
- 47 Farideh Shakerian, Nader Parvin, Amir Reza Azadmehr, Mohammad Reza Rabiei, "Synthesis of silver tin oxide nanocomposite powders via chemical coprecipitation method", *COMPTES RENDUS CHIMIE*, July 2012 Vol. 15, Num. 1, Page 633-638, July 2012,
- 48 Mohammad Saleh Kenevisi, Sajjad Pourkhorshidi, Nader Parvin, Mohammad Naeimi, Hamid Ebrahimnia Khaniki, "A study on the microstructure and properties of Cu-based shape memory alloy produced by hot extrusion of mechanically alloyed powders", *MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING*, July 2012 Vol. 556, Num. 3, Page 658-663, July 2012,
- 49 Parviz Asadi, M.Kbesharati Givi, Nader Parvin, Ali Araei, Mehdi Taheri Shargh, S.Tutunchilar, "On the role of cooling and tool rotational direction on microstructure and mechanical properties of friction stir processed AZ91", *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*, March 2012 Vol. 0, Num. 0, Page 0-0, March 2012,
- 50 Nader Parvin, Mehdi Rahimiyan, "The Characteristics of Alumina Particle Reinforced Pure Al Matrix Composite", *ACTA PHYSICA POLONICA A*, January 2012 Vol. 121, Num. 1, Page 108-110, January 2012,
- 51 Sanam Abedini Dereshgy, Nader Parvin, Parviz Ashtari, "Preparation, characterization and microstructural optimization of a thin γ -alumina membrane on a porous stainless steel substrate", *MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING*, January 2012 Vol. 0, Num. 533, Page 1-8, January 2012,
- 52 Fariborz Sharifian Jazi, Nader Parvin, Amir Reza Azadmehr, Mohammadreza Tahriri, "Influence of annealing temperature on distribution and morphology of silver powder in Sn₂-Ag₂O nanocomposite", *ADVANCES IN APPLIED CERAMICS*, January 2012 Vol. 0, Num. 0, Page 1-6, January 2012,
- 53 Ali Sharifian Jazi, Nader Parvin, Amir Reza Azadmehr, Mohammadreza Tahriri, "Influence of annealing temperature on distribution and morphology of silver powder in SnO₂-Ag₂O nanocomposite", *ADVANCES IN APPLIED CERAMICS*, January 2012 Vol. 0, Num. 0, Page 1-6, January 2012,
- 54 Maysam Mohammadpour, Parvin Abachi, Nader Parvin, Kazem Pourazrang, "Study of cemented carbonitrides with nickel as binder: Experimental investigations and computer calculations", *INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS*, November 2011 Vol. 0, Num. 0, Page 0-0, November 2011,

- 55 Ali Bateni, Nader Parvin, Mehdi Ahmadi Najafabadi, "Density evaluation of powder metallurgy compacts using in situ X-ray radiography", *POWDER METALLURGY*, September 2011 Vol. 54, Num. 3, Page 1-4, September 2011,
- 56 Ehsan Gharibshahian, Abbas Honarbakhsh Raouf, Nader Parvin, Mehdi Rahimian, "The effect of microstructure on hardness and toughness of low carbon welded steel using inert gas welding", *MATERIALS & DESIGN*, April 2011 Vol. 32, Num. 4, Page 2042-2048, April 2011,
- 57 Mehdi Rahimian, Nader Parvin, Naser Ehsani, "The effect of production parameters on microstructure and wear resistance of powder metallurgy Al–Al₂O₃ composite", *MATERIALS & DESIGN*, February 2011 Vol. 32, Num. 2, Page 1031-1038, February 2011,
- 58 Mostafa Amirjan, Nader Parvin, Karim Zanganehmadar, "Mutual dependency of mechanical properties and contiguity in w-cu composites", *MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING*, October 2010 Vol. 527, Num. 26, Page 0-0, October 2010,
- 59 Mostafa Amirjan, Karim Zanganeh Madar, Nader Parvin, "Preparation of tungsten base composite powder by electroless nickel plating", *POWDER METALLURGY*, September 2010 Vol. 53, Num. 3, Page 218-222, September 2010,
- 60 [en-name N/A], Nader Parvin, [en-name N/A], "Investigation of particle size and amount of alumina on microstructure and mechanical properties of Al matrix composite made by powder metallurgy", *MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING*, February 2010 Vol. 527, Num. 4, Page 0-0, February 2010,
- 61 [en-name N/A], [en-name N/A], Nader Parvin, "Characterization and formation mechanism of nanocrystalline W–Al alloy prepared by mechanical alloying", , January 2010 Vol. , Num. 489, Page 0-0, January 2010,
- 62 Nader Parvin, "The mechanism of copper penetration into the grain boundary of Fe-Cu and Fe-Cu-C Compacts", *Amirkabir International Journal of Electrical and Electronics Engineering*, December 2009 Vol. 8, Num. 28, Page 0-0, December 2009,
- 63 Hooyar Attar, Nader Parvin, "The effect of warm rolling on the wear resistance of W-20 wt% Cu composite", *Amirkabir Journal of Science and Technology*, November 2009 Vol. 20, Num. 71, Page 0-0, November 2009,
- 64 [en-name N/A], Nader Parvin, [en-name N/A], "The effect of sintering temperature and the amount of reinforcement on the properties of Al–Al₂O₃ composite", , September 2009 Vol. , Num. 30, Page 0-0, September 2009,
- 65 [en-name N/A], [en-name N/A], Pirooz Marashi, Nader Parvin, "The effect of intercritical heat treatment temperature on the tensile properties and work hardening behavior of ferrite–martensite dual phase steel sheets", , August 2009 Vol. , Num. 518, Page 0-0, August 2009,
- 66 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Microstructural evolution and mechanical properties of accumulative roll bonded interstitial free steel", , August 2009 Vol. , Num. 30, Page 0-0, August 2009,
- 67 [en-name N/A], [en-name N/A], Nader Parvin, "Evaluation of microstructure and contiguity of W/Cu composites prepared by coated tungsten powders", , July 2009 Vol. , Num. 27, Page 0-0, July 2009,
- 68 Saeed Asdi Koohengani, Nader Parvin, "Influence of prior cold working on the tribological behavior of Cu–0.65 wt.%Cr alloy", , July 2009 Vol. , Num. 480, Page 0-0, July 2009,
- 69 [en-name N/A], [en-name N/A], Nader Parvin, [en-name N/A], "The effect of particle size, sintering temperature and sintering time on the properties of Al–Al₂O₃ composites, made by powder metallurgy", , July 2009 Vol. , Num. 209, Page 0-0, July 2009,
- 70 [en-name N/A], [en-name N/A], Nader Parvin, "Improvement of physical properties of Cu-infiltrated W compacts via electroless nickel plating of primary tungsten powder", , May 2009 Vol. , Num. 203, Page 0-0, May 2009,
- 71 Nader Parvin, Hooyar Attar, Shahram Shahsavari, "The Effect of Tungsten ,Molybdenum and Tantalum on The Characteristics of Cu-Pb Shaped Charge Liners", , May 2009 Vol. 0, Num. 0, Page 0-0, May 2009,
- 72 Siamak Eghtesadi, Nader Parvin, Mohammad Mehdi Salari Rad, "Mechanically induced driving forces in preparing W–Cu nanocomposite", , April 2009 Vol. , Num. 473, Page 0-0, April 2009,
- 73 Nader Parvin, Reza Asadifard, Payman Saffarzadeh, Shahab Sheibany, Pirooz Marashi, "Preparation and mechanical properties of SiC-reinforced Al6061 composite by mechanical alloying", , September 2008 Vol. , Num. 492, Page 0-0, September 2008,

- 74 [en-name N/A], Nader Parvin, "Pressure measurement and some observation in lost foam casting", , September 2008 Vol. , Num. 206, Page 0-0, September 2008,
- 75 Ali Haghiri, Mostafa Ketabchi, Nader Parvin, "The Effect of Annealing Time on the Physical and Mechanical Properties of Interface in Cu-Ag Bimetallic Strips", , May 2008 Vol. 0, Num. 0, Page 0-0, May 2008,
- 76 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "The Effects of Accumulative Roll Bonding Process on Microstructure and Mechanical Properties of if Steel", , May 2008 Vol. , Num. 0, Page 0-0, May 2008,
- 77 Ali Haghiri, Mostafa Ketabchi, Nader Parvin, "The Effect of Annealing Temperature on The Bond Strength and Structure of Interface in Ag/Cu Strips", , March 2008 Vol. , Num. , Page 0-0, March 2008,
- 78 Ali Mahdi Poor Omrani, Mahdi Zohor, Seyed Mohamad Reza Khalili, Nader Parvin, "Explosive powder metallurgy, a novel metal powder forming process", , November 2006 Vol. 2, Num. 3, Page 55-65, November 2006,

Conference Papers

Portal Records

- 1 Seyed Mahdi Hashemi, Nader Parvin, Zia Valefi, "Effect of YSZ and SiC Reinforcements on the Mechanical Properties of Cr₂O₃ Plasma-sprayed Nanocoatings ", The 6th International Conference on Composites: Characterization, Fabrication and Application, December 2018
- 2 Mohammad Naeimi, Mehdi Soltanlinezhad, Sadegh Qazvinian, Majid Asgari, Nader Parvin, "An overview on the production of single crystal and polycrystalline materials by Powder Bed Additive Manufacturing ", 7th international conference and exhibition of metallurgy and materials engineering, October 2018
- 3 Alireza Rashidnejad, Alireza Ebrahimi, Nader Parvin, "Brazing of iron powder metallurgy parts with different porosity percentage ", 7th international conference and exhibition of metallurgy and materials engineering, October 2018
- 4 Ali Yusefi, Nader Parvin, "Method of manipulation functionally graded tungsten-copper composites ", 6TH INTERNATIONAL CONFERENCE ON POWDER METALLURGY FOR AUTOMOTIVE PARTS, April 2018
- 5 Alireza Rashidnejad, Alireza Ebrahimi, Nader Parvin, "The effect of graphite upon brazability of ferrous powder metallurgy components using Anchorbraze 72 filler metal ", PM AUTO 2018 International Conference, April 2018
- 6 Sajad Amirkhanlou, Mostafa Ketabchi, Nader Parvin, Fernando Carreno, "Continuous Dynamic Recovery in Pure Aluminum Deformed to High Strain by Accumulative Press Bonding ", 3rd Pan American Materials Congress, February 2017
- 7 Niussha Heshmati, Nader Parvin, "Synthesis and evaluation of bioactive glass containing MgO, prepared by Sol-Gel method ", 5th international on materials engineering and methodology, November 2016
- 8 Vahid Tavakolkhah, Maryam Faridzadeh, Amir Abdullah, Nader Parvin, Vahid Fartashvand, "Theoretical and numerical investigation of hot of compaction of Ti-6Al-4V ", ICME2016, November 2016
- 9 Ali Amirnasiri, Nader Parvin, Rasool Khosravanian, Hamid Merati, "Designing & Perfect Study on Manufacturing Process of Drilling Stabilizer for Developing Technology in Iran ", International Congress on Engineering Innovation and Technology Development, May 2016
- 10 Sajjad Amirkhanlou, Mohammad Ebrahim Bajgholi, Mostafa Ketabchi, Nader Parvin, "Accumulative press bonding: a novel process for manufacturing Al/ZnO metal matrix nanocomposites ", فصلنامه علمی پژوهشی فرآیندهای نوین در , مهندسی مواد, January 2016
- 11 Ali Amirnasiri, Nader Parvin, Mahmod Tabrizi, "Complete interoduction of drilling stabilizer and types of this tool: attributes, traits and usages ", International conference on modern research results in sciences,engineering& technology, January 2016
- 12 Ali Yusefi, Nader Parvin, Saeed Khademzadeh, Mahmoud Sadat Kiai, Mohamad Kazem Besharati Givi, "Synthesis and characterization of W-Cu Functionally graded composites by spark plasma sintering ", 4th International Engineering Materials & Metallurgy Conference, November 2015

- 13 Sepedeh Mousavi, Hamid Omidvar, Nader Parvin, Jafar Jolokhani, "Effect of surface roughness and time on wetting behavior of Sn-3.5%Ag and Sn-5%Ag on pure silver ", 4th International Engineering Materials and Metallurgy Conference, November 2015
- 14 Sepedeh Mousavi, Hamid Omidvar, Nader Parvin, Jaafar Jelokhani, "effect of surface roughness and time on the wetting behavior of solder alloy Sn-3.5%Ag and Sn-5%Ag on pure silver substrate ", 4th International joint conference of Iranian Metallurgical Engineering & Iranian Foundry man soceity, November 2015
- 15 Sepedeh Mousavi, Hamid Omidvar, Nader Parvin, Jaafar Jelokhani, "Effect of surface roughness and time on the wetting behavior of Sn-3.5%Ag and Sn-5%Ag alloy of Ag substrate ", 4th International Engineering Materials & Metallurgy Conference, November 2015
- 16 Mahdi Shafiei Haghshenas, Nader Parvin, Mahmood Tabrizi, "The Investigation of Microstructure and Phases Formed in the Interface of AISI4145/WC-Co Joint Zone Connected by Brazing ", 2nd National Conference on Materials Engineering, February 2015
- 17 Ehsan Gharibshahiyan, Abas Honarbakhsh Raouf, Nader Parvin, "Experimental investigation and finite elements simulation on friction stir welding processes of API – 5L ", 8th Congress & 3rd International Engineering Materials & Metallurgy, November 2014
- 18 Mahdi Shafiei Haghshenas, Nader Parvin, Mahdi Goudarzi, Mahmood Tabrizi, "The investigation of hardness variations and element diffusion in the interface of AISI 4145/WC- Co joint zone connected by torch brazing ", 8th Congress & 3rd International Engineering Materials & Metallurgy, November 2014
- 19 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Fernando Carreño, "Mechanical properties of ultra-fine grained metal matrix nanocomposite produced by accumulative press bonding (APB) process ", 3rd International Engineering Materials and Metallurgy conference, November 2014
- 20 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, "Combination of stir casting and accumulative roll bonding processes: a way for fabrication of nanostructured aluminum/alumina composite ", 3rd International Engineering Materials and Metallurgy conference, November 2014
- 21 Saeed Khademzadeh, Nader Parvin, Federico Mazzucato, Paolo F. Bariani, "Geometrical characterization of thin walls produced by micro laser sintering ", International Conference on Additive Technologies, October 2014
- 22 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Shohreh Khorsand, Fernando Carreno, "Manufacturing of nanostructured Al/WCp metal- matrix composites by accumulative press bonding ", 6th International Conference on Nanomaterials by Severe Plastic Deformation, June 2014
- 23 Sajjad Amir Khanlou, Mostafa Ketabchi, Nader Parvin, Shohreh Khorsand, Fernando Carreño, "Effect of processing cycles on aluminum/tungsten carbide composites prepared by continual annealing and press bonding process ", 6th International Conference on Nanomaterials by Severe Plastic Deformation, June 2014
- 24 Ebrahim Zadeh Soleimani, Nader Parvin, Marjan Razzaghi Kashani, "Investigation of magnetic properties of synthesized Sr hexaferrite nanopowders prepared by sol gel auto combustion and coprecipitation methods ", The 8th international chemical engineering congress & exhibition (ICHEC2014), February 2014
- 25 Manoochehr Ebadi Asar, Nader Parvin, Seyed Ehsan Mirsalehi, "Investigation on effect of filler metal type on copper foil to brass sheet brazing joint ", 14th National Conference on Welding & Inspection (14th NCWI) & 3rd National Conference on NDT (3rd NCNDT), February 2014
- 26 Ehsan Gharibshahian, Abas Honarbakhsh Raouf, Nader Parvin, "Effect of welding speed on microstructure and mechanical properties API-5L steel ", 5th Iranian pipe & pipeline conference, December 2013
- 27 Ali Akbar Shokati, Nader Parvin, Mohammad Shokati, "Fabrication and characterization of NiAl matrix composite reinforced by nanosized particulates from Ni-Al-Ti-BN reaction system ", 4th International Biennial Conference on Ultra Grained and Nanostructured Materials, November 2013
- 28 Ali Akbar Shokati, Nader Parvin, Mohammad Shokati, "Combustion synthesis of a novel NiAl matrix nanocomposite from Ni-Al-Ti-B4C reaction system ", 4th International Biennial Conference on Ultra Grained and Nanostructured Materials, November 2013
- 29 Ehsan Gharibshahian, Abas Honar Bakhsh Raouf, Nader Parvin, "Evaluation of mechanical properties and steel microstructure of welded oil pipelines by turbulent friction ", The second international and seventh joint conference of Iranian metallurgical engineering and Iranian foundrymen scientific societies, October 2013





- 30 Fatemeh Mohamadi Hajibekandeh, Nader Parvin, Amir Reza Azadmehr, "PREPARATION AND CHARACTERIZATION OF UNIFORM TiO₂ MEMBRANE ON POROUS 316L STAINLESS STEEL SUBSTRATE ", Porous and Powder Materials Symposium and Exhibition PPM 2013, September 2013
- 31 Mohammad Naeimi, Seyed Mahdi Hashemi, Nader Parvin, Mohammad Hadi Elahinia, "Investigating the surface modification of porous nitinol implants ", The First International and the Sixth Joint Conference of Iranian Metallurgical Engineering Society and Iranian Foundrymen's Society, November 2012
- 32 Nader Parvin, Zahra Hashemi, Seyyed Mohammad Hosse Peighambar Zadeh, Mohammad Naeimi, "Investigating the Effect of Type and Thickness of the Oxide Layer Produced by Steam Treatment on Wear Behavior of Sintered Steel Compacts ", 2nd International Conference on Recent Trends in Structural Materials, November 2012
- 33 Nader Parvin, Reza Derakhshandeh Haghighi, Mohammad Naeimi, Reza Parastarnamini, Mohammad Mahdi Hadavi, "Effect of Nickel and Cobalt addition on infiltration behavior , microstructure and hardness of W-Ag composites ", The First International and the Sixth Joint Conference of Iranian Metallurgical Engineering Society and Iranian Foundrymen's Society, November 2012
- 34 Nader Parvin, Zahra Hashemi, Seyyed Mohammad Hosse Peighambar Zadeh, Mohammad Naeimi, "Fractography of Steam Treated Sintered Steel Compacts ", 2nd International Conference on Recent Trends in Structural Materials, November 2012
- 35 Fariborz Sharifian Jazi, Nader Parvin, Sanam Abedini Dereshgy, Mehrnoush Arefian, "Synthesis of SnO₂-Ag₂O Nanocomposite and Investigation of Morphology and Distribution of the Constituents ", International Congress on Nanoscience & Nanotechnology – ICNN2012, September 2012
- 36 Maryam Pourmahdavi, Nader Parvin, Mohammad Naeimi, "Overview of microstructural and corrosion behavior of anodized NiTi shape memory alloys ", International congress on nanoscience and nanotechnology, September 2012
- 37 Ali Akbar Shokati, Nader Parvin, نَخَاشَتَشِي سَاخَنَشَفَه, "Fabrication of NiAl Matrix Nanocomposite from the Ni-Al-Ti-BN System via Combustion Synthesis ", (International Congress on Nanoscience & Nanotechnology (ICNN2012, September 2012
- 38 Hamid Omidvar, Mohammad Sajjadnejad, Davar Rezakhani, Nader Parvin, Seyedali Hosseini, "Investigation of welded zone in carbon steels with different electrodes in sea water environment ", 13th national congress of corrosion, May 2012
- 39 Sajjad Pourkhorshidi, Mohammad Naeimi, Nader Parvin, Seyed Mohammad Mahdi Zamani, Hamid Ebrahimi, "Manufacturing and Evaluating of Cu-based Shape Memory Alloys by Hot Extrusion of PM Samples Made by Mechanical Alloying ", 21st International Conference on Metallurgy and Materials, May 2012
- 40 Nader Parvin, Reza Derakhshandeh Haghighi, Mohammad Naeimi, "Effect of Nickel and Cobalt Addition on Infiltration Behavior and Electrical Resistivity of W-Ag Composite ", ASIAN INTERNATIONAL CONFERENCE ON MATERIALS, MINERALS, AND POLYMER(MAMIP 2012), March 2012
- 41 Amir Abdullah, Vahid Tavakolkah, Rezvan Abedini, Nader Parvin, "Analytical Model for Hot Ti-6Al-4V Powder Compaction and comparison with Experimental Results ", 3rd International and 12th National Conference on Manufacturing Engineering (ICME 2011), December 2011
- 42 Ali Akbar Shokati, Nader Parvin, Mohammad Shoukati, Naser Sabzianpoor, Ali Hamaty, "SYNTHESIS OF ULTRAFINE COMPOSITE FROM ELEMENTAL POWDERS OF Ni-Al-Nb-B VIA COMBUSTION SYNTHESIS ", 3rd International Conference on UltraFine Grained and Nano-Structured Materials, November 2011
- 43 Ali Akbar Shokati, Nader Parvin, Hadi Ghazanfari, Mohammad Shoukati, "FABRICATION OF Ni Al MATRIX HYBRID ULTRAFINE COMPOSITE FROM THE Ni- Al-Ti-B4C SYSTEM VIA COMBUSTION SYNTHESIS ", 3rd International Conference on UltraFine Grained and Nano-Structured Materials, November 2011
- 44 Ali Doryab, Nader Parvin, Davoud Haghshenas, "THE IMPLEMENTATION OF RESPONSE SURFACE METHODOLOGY FOR THE OPTIMIZATION OF MILLING PARAMETERS IN THE SYNTHESIS OF CU-AL₂O₃ POWDER ", 6th International Powder Metallurgy Conference and Exhibition, October 2011
- 45 Ali Akbar Shokati, Nader Parvin, Ali Hamaty, Naser Sabzian Pour, Mohammad Shoukati, "Investigation of the products in the combustion synthesis of Ni-Al-Nb-B ", The Fifth Joint Congress of Iranian Metallurgical Engineering and Iranian Pounding Societies, October 2011
- 46 Ali Sharifian Jazi, Nader Parvin, Amir Reza Azadmehr, "Synthesis and characterization of AgSnO₂ by sol-gel method for gas sensors ", 15th Iranian Chemistry Congress Bu-Ali Sina university -, September 2011

- 47 Nader Parvin, Naser Ehsani, "FABRICATION OF AL-AL2O3 COMPOSITES by POWDER METALLURGY METHOD and THEIR CHARACTERISTIC ", ADVANCES IN APPLIED PHYSICS & MATERIALS SCIENCE CONGRESS, May 2011
- 48 Mohammad Reza Rabiei, Nader Parvin, Amir Reza Azadmehr, Farideh Shakerian, "Synthesis of Ag/ZnO nanocomposite via coprecipitation method ", (The 2nd International Conference on Composites: Characterization, Fabrication & Application (CCFA-2, December 2010
- 49 Sanam Abedini Dereshgy, Nader Parvin, Parviz Ashtari, "Investigation of Composite Membranes by Developing Mesoporous Alumina Layer on Stainless Steel Substrate ", (The 2nd International Conference on Composites: Characterization, Fabrication & Application (CCFA-2, December 2010
- 50 Mehdi Taheri Shargh, Nader Parvin, Hamid Omidvar, Parviz Asadi, Mohsen Barmous, "A New Friction Stir Processing Method for Fabricating AZ91/SiC Nano-composite ", (The 2nd International Conference on Composites: Characterization, Fabrication & Application (CCFA-2, December 2010
- 51 Nader Parvin, Vahid Javaheri, Mohammad Khan Beiki, "Comparison of Copper Powder Corrosion Inhibitors ", 4th Common Conference of Metallurgical Engineering Society and Iranian Foundry Society, November 2010
- 52 Seyedali Hosseini, Nader Parvin, Hamid Omidvar, "Corrosion behavior of plain carbon steel welded with rutile, cellulose and basic electrodes ", The 4th common congress of Iranian Metallurgical Engineering and Foundry Society of Iran, November 2010
- 53 Mehdi Taheri Shargh, Nader Parvin, Hamid Omidvar, "Effect of pin length and rotational speed of electrode on micro-structure of AZ91/SiC made by friction stir processing ", 11th Conference on Manufacturing Engineering, October 2010
- 54 Sanam Abedini Dereshgy, Nader Parvin, Parviz Ashtari, "Production of the membranes used in water and sewerage purification ", The 4th Conference and Exhibition on Environmental Engineering, October 2010
- 55 Mehdi Taheri Shargh, Nader Parvin, "Effect of processing parameters on thermo-mechanically affected zone of friction stir processed AZ91 magnesium alloy ", ASME 2010 10th biennial conference on engineering systems design and analysis, July 2010
- 56 Farideh Shakerian, Nader Parvin, Amir Reza Azadmehr, Mohammad Reza Rabiei, "Synthesis of silver tin oxide nano composite powders by co precipitation method ", The 3rd Conference on Nanostructures Kish Island, I. R. Iran - NS2010, March 2010
- 57 Nader Parvin, Seyed Mohammad Hossein Pighanbarzadeh, Mojtaba Mohammad Alinezhad Dalali, "The effect of phosphorus and processing parameters on wear behavior of steam treated sintered Iron compacts ", PM auto 08, 5th International congress on powder metallurgy for automotive parts, April 2009
- 58 Mojtaba Naserian, Nader Parvin, Seyed Mohammad Hossein Pighanbarzadeh, Mojtaba Mohammad Alinezhad Dalali, Firooz Irani, "Wear properties of steam treated porous Iron-phosphorous compacts ", Proceedings on the honor of Prof. P.Davami - Academy of Science of Islamic Republic of Iran, December 2008
- 59 Ali Bateni, Mehdi Ahmadi Najafabadi, Nader Parvin, "Prediction of density in porous materials by x-ray techniques ", 17th World Conference on Nondestructive Testing, October 2008
- 60 Ali Bateni, Mohammad Mohammadi Aghdam, Nader Parvin, "Prediction of Density in Porous Materials by X-ray Techniques ", , October 2008
- 61 Mehdi Rahimian, Naser Ehsani, Nader Parvin, Hamid Reza Baharvandi, "The effect of particle size of Alumina on properties of Al-Al2O3 composite, made by powder metallurgy ", PM Auto 08, 5th International congress on powder metallurgy for automotive parts, April 2008
- 62 Mostafa Amirjan, Karim Zanganehmadar, Nader Parvin, "The effect of electroless Nickel plating of Tungsten particles on infiltration process and density of W-Cu composite ", PM Auto 08, 5th International congress on powder metallurgy for automotive parts, April 2008
- 63 Ali Bateni, Mehdi Ahmadi Najafabadi, Nader Parvin, "Determination of green density of PM compacts by in situ X-RAY radiography ", 5th International congress on powder metallurgy for automotive parts - PM AUTO 08, April 2008
- 64 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Mechanical properties of ultra fine grained aluminum and iron produced by accumulative roll bonding method ", Annual Conference and Exhibition of American Society of Materials, Metals and Minerals, March 2008

- 65 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Investigation of micro structure and mechanical properties of IF steel - Al 1100 and Copper after accumulative roll bonding ", Third Students National Congress on Nano Technology, February 2008
- 66 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Ultrafine Grained Aluminum and Iron Produced by Accumulative Roll Bonding Method ", , December 2007
- 67 Nader Parvin, "The effect of AL2O3 particle content on properties of AL matrix composite ", 2nd International congress (8th national conference) of Iranian Manufacturing Society, December 2007
- 68 Nader Parvin, "Role of electroless plating on the production of W-Cu EDM electrodes ", Tehran international congress on manufacturing engineering, December 2007
- 69 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "The effects of acumulative roll bonding process on microstructure and mechanical properties of IF steel ", , November 2007
- 70 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Micro-structural studies of ultra fine grained IF steel produced by Accumulative Roll Bonding ", 2nd International congress (8th national conference) of Iranian Manufacturing Society, November 2007
- 71 Saeed Tamimi, Mostafa Ketabchi, Nader Parvin, "Development of UFG structure in Al 1100 and IF Steel by Accumulative Roll Bonding process ", 2nd International congress of Iranian Manufacturing Engineering Society, November 2007
- 72 [en-name N/A], Nader Parvin, Kamran Dehghani, "The effect of Niobium on strength and ductility of high alloy TRIP steel ", Tenth National Congress of Metallurgical Eng. Society, February 2007
- 73 Mojtaba Falahati Nezhad, Nader Parvin, Kamran Dehghani, "The effect of Nb on mechanical properties of high alloy TRIP steel ", Steel Symposium 85, February 2007
- 74 Hooyar Attar, Nader Parvin, Mohammad Ali Hadavi, Siamak Eghtesadi, Reza Derakhshandeh Haghighi, "The effect of warm rolling on the properties of W-Cu powder metallurgy compacts ", Tenth National Congress of Metallurgical Eng. Society, December 2006
- 75 Siamak Eghtesadi, Nader Parvin, Hooyar Attar, Reza Derakhshandeh Haghighi, "The effect of PCA on particle size in W-20Cu nano-composite produced by mechanical alloying ", Tenth National Congress of Metallurgical Eng. Society, December 2006
- 76 Masih Rezaee, Nader Parvin, "The effect of raw material on microstructure and mechanical properties of Tungsten based heavy metals ", Tenth National Congress of Metallurgical Eng. Society, November 2006
- 77 Reza Derakhshandeh Haghighi, Nader Parvin, Hooyar Attar, Siamak Eghtesadi, "The effect of Cobalt and Nickel distribution on infiltration of porous Tungsten with silver ", Eleventh National Congress of Metallurgical Eng. Society, November 2006
- 78 [en-name N/A], [en-name N/A], Nader Parvin, [en-name N/A], "Numerical simulation and experimental study of explosive compaction of tungsten powder ", , November 2006
- 79 Ali Haghiri, Mostafa Ketabchi, Nader Parvin, "The effect of diffusion annealing on microstructure and bond strength in Cu-Ag bimetallic strips ", Third metal forming conference, May 2006
- 80 Ali Haghiri, Mostafa Ketabchi, Nader Parvin, "The effect of interface composition, on hardness and electrical resistance of rolled Cu-Al strips ", Third metal forming conference, May 2006
- 81 [en-name N/A], [en-name N/A], Nader Parvin, [en-name N/A], "Underwater explosive forming of Tungsten powder metallurgy compacts ", 14th national congress of mechanical engineers society, May 2006
- 82 [en-name N/A], [en-name N/A], [en-name N/A], Nader Parvin, "A novel explosive powder metallurgy process for the fabrication of Tungsten powder metallurgy compacts ", The first international conference of Iranian manufacturing engineers society, December 2005
- 83 Nader Parvin, Kamran Dehghani, Mojtaba Falahati Nezhad, "Martensitic transformation of plastically deformed TRIP steel ", Ninth Iranian metallurgical engineers congress, November 2005
- 84 Sahar Mehrabi, Nader Parvin, Mostafa Ketabchi, Aboozar Mapar, "Rolling ability of Ag-20Ni sintered alloy compacts ", Ninth Iranian metallurgical engineers society, November 2005

- 85 Nader Parvin, "The effect of mechanical alloying on the distribution of Sic particles in Al-Sic composites ", The fifth international congress on Powder Metallurgy in automotive industry, March 2005
- 86 Ali Haghiri, Mostafa Ketabchi, Nader Parvin, Mortaza Zare, "The effect of diffusion annealing temperature on the microstructure and microhardness of interface in copper - silver bimetallic strips ", , March 2005
- 87 Reza Asadifard, Nader Parvin, Jamshid Aghazadeh Mohandesi, Payman Saffarzadeh, "The effect of mechanical alloying on morphology and size of composite powders ", The Eighth Congress of Iranian Metallurgical Engineers Society, October 2004
- 88 Nader Parvin, Mehdi Ahmady, "Manipulation and Investigation of the Properties of G23-Cu73 Copper - Graphite Electrical Brushes ", The Fifth Congress of Iranian Manufacturing Engineering Society, January 2003
- 89 Reza Zangenehzad, Nader Parvin, Zahra Moshefi Shabestari, S.Mahdi Hadavi, "Chemical Etching and Stablization of Electrolytic and Atomised Copper Powder ", Fifth Congress of Iranian Metallurgical Engineers Society, March 2001
- 90 Nader Parvin, , Kayvan Moslem, "Mechanical properties of powder forged connecting rod ", The Third Conference of Iranian Manufacturing Engineering Society, December 1996
- 91 Nader Parvin, Mohammadreza Faghedi, Jamshid Aghazadeh Mohandesi, "The effect of grain size and precipitation hardening on stretch ability of 1100 and 2024 Aluminium alloys ", The Third Conference of Iranian Manufacturing Engineering Society, March 1996

Taught Courses

#	Course title	Description	Headlines	Date
1	Production of Metal Powders & Materials	PRODUCTION OF METAL POWDERS AND MATERIALS		Fall 2021
2	Technical Language	This subject deals with technical topics on metallurgy and materials engineering		Fall 2021
3	Advanced Powder Metallurgy	New processes in powder metallurgy. Investigation of Heavy metals and Hard Metals		Spring 2021
4	Production of Metal Powders & Materials	PRODUCTION OF METAL POWDERS AND MATERIALS		Fall 2020

Inventions/Patents

#	Invention title	Reg. number	Country	contributors	Reg. date	Exp. date
1	FUNCTIONALLY GRADED W-CU COMPOSITE	US 20170368607A1			2017/12/1	2037/12/1
2	METALLIC-CERAMIC COMPOSITE MEMBRANES AND METHODS FOR THEIR PRODUCTION	US 2012/0118815 A1			2012/05/1	2038/01/19
3	Self propagating high temperature synthesis of Ni-Al-NbB ₂ composite	72261			2011/11/1	2011/10/1
4	Synthesis of Ag-SnO ₂ nano composite suitable for gas sensing applications	71646			2011/09/1	2031/12/1

5	Development of a polymer based binder for metal injection molding of metal and ceramic powders	69760	2011/05/1 -
6	Production of a light composite brick using rice husk	67757	2010/12/1 -
7	Production of a light composite brick using mineral pumice	67759	2010/12/1 -
8	Synthesis of a tungsten based composite powder by electroless plating	62039	2009/11/1 -
9	Design of an autoclave for the synthesis of nano-powders through hydrothermal and solvothermal methods	60244	2009/07/1 -
10	Direct density measurement of of porous powder metallurgy compacts by radio-graphic method	59020	2009/05/1 -
11	Fabrication of silver cadmium contact materials by casting method	55953	2008/12/1 -
12	Directional oxidation of contact materials by shielding	55955	2008/12/1 -