



میرقاسم حسینی

استاد

دانشکده: شیمی



سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۷۳	شیمی محض	دانشگاه تبریز
کارشناسی ارشد	۱۳۷۵	شیمی فیزیک	دانشگاه صنعتی شریف
دکتری	۱۳۸۱	شیمی فیزیک (خوردگی و پوشش فلزات)	دانشگاه صنعتی شریف
فوق دکتری	۱۳۸۲	شیمی فیزیک - گرایش الکتروشیمی ذخیره‌سازهای انرژی	لیورپول

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشگاه تبریز	هیات علمی	رسمی قطعی	تمام وقت	۳۱

سوابق اجرایی

ردیف	نام موسسه	عنوان شغل	محل کار	تاریخ شروع	تاریخ پایان
1	دانشگاه تبریز	هیات علمی	دانشگاه تبریز	1383	تا حال
2	مرکز رشد واحدهای فناوری	مدیر مرکز رشد واحدهای فناوری	دانشگاه تبریز	88	89
3	دانشگاه تبریز	رئیس دانشکده	دانشکده شیمی	89	92

جوایز و تقدیر نامه ها

ردیف	نام افتخار یا فعالیت	نام محل صادرکننده	کشور صادرکننده	سال
۱	محقق نمونه دانشگاه تبریز	دانشگاه تبریز	ایران	۱۳۸۶
۲	محقق نمونه دانشکده شیمی	دانشگاه تبریز	ایران	۱۳۸۵

ردیف	نام افتخار یا فعالیت	نام محل صادرکننده	کشور صادرکننده	سال
۳	لوح تقدیر ار معاونت پژوهشی وزارت علوم، تحقیقات و فناوری	معاونت پژوهشی وزارت علوم، تحقیقات و فناوری	ایران	۱۳۸۷
۴	پژوهشگر برتر کشوری	معاونت علمی و فناوری ریاست جمهوری	ایران	۱۳۹۱
۵	برترین متخصص برجسته دانشگاهی در حوزه صنعت آبکاری	دومین جشنواره پروفیسور کنعانی	ایران	۱۳۹۱
۶	پژوهشگر برتر استان آذربایجان شرقی	استان آذربایجان شرقی	ایران	۱۳۹۱
۷	پژوهشگر برتر دانشگاه تبریز	دانشگاه تبریز	ایران	۱۳۹۰
۸	دبیر کنگره سیزدهمین کنگره ملی خوردگی	دانشگاه تبریز	ایران	۱۳۹۱
۹	دبیر اجرایی سیزدهمین سمینار ملی مهندسی سطح	دانشگاه تبریز	ایران	۱۳۹۱

موضوعات تدریس تخصصی

خوردگی

الکتروشیمی

نانوفناوی

شناسایی نواساختار مواد

الکترولیت های جامد

انرژی های تجدید پذیر

زمینه های تدریس

شیمی فیزیک

الکتروشیمی

خوردگی

پوشش دادن فلزات

انرژی های تجدید پذیر پیا های سوختی، باتری ها، ابرخازن ها، سلول های خورشیدی

مقالات در همایش ها

۱. Mirghassem Hosseini، مقالات چاپ شده در کنفرانسهای داخلی: ۱۰۳ تا ۱۱۰، همایش های داخلی، ۲۰۰۷ - ۲۰۲۴.
۲. Mirghassem Hosseini، مقالات چاپ شده در کنفرانسهای داخلی: ۱۱۱ تا ۱۲۰، همایش های داخلی، ۲۰۰۷ - ۲۰۲۴.
۳. Mirghassem Hosseini، مقالات چاپ شده در کنفرانسهای داخلی: ۱۲۱ تا ۱۲۹، همایش های داخلی، ۲۰۰۷ - ۲۰۲۴.

۴. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۱۳۰ تا ۱۴۰، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۵. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۱۴۱ تا ۱۵۲، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۶. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۳۰ مورد دوم، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۷. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: شماره ۶۱ تا ۶۸، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۸. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۶۹ تا ۷۶، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۹. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۷۷ تا ۸۵، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۱۰. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۸۶ تا ۹۳، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۱۱. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۹۴ تا ۱۰۲، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
۱۲. Mirghassem Hosseini, مقالات چاپ شده در کنفرانسهای داخلی: ۳۰ مورد اول، همایش‌های داخلی، ۲۰۰۷ - ۲۰۲۴.
13. Taher Rabizadeh Shkar Jkhsin Musa a, Pariya Yardani Sefidi a, Mir Ghasem Hosseini a,* ,Organic acid doped polypyrrole - natural Ilmenite (FeTiO₃) nanocomposite on Titanium substrate as an efficient photoanode for solar photoelectrochemical water splitting (19 ... ,Electrochemistry seminar 14 th iran ,2023/1
14. Mirghassem Hosseini, مقالات چاپ شده در کنفرانس های بین المللی: 38 عدد, همایش‌های بین‌المللی, 2005 - 2024,

مقالات در نشریات

1. Pariya YardaniSefidi Laya Zarei ,& Gharehbaba, Reza Najjar, Mir Ghasem Hosseini,Poly(ethylene-thiosuccinate)/carbon allotrope/cubic nickel-cobalt hexacyanoferrate nanoparticles nanocomposites as supercapacitor materials,polymer composite,2024/5/30
2. Hosseini Mir Majid, Hosseini Mir Ghasem, Ahadzadeh Iraj, Najjr Reza,IrO₂-ZrO₂-SiO₂ ternary oxide composites- based DSAs: Activity toward oxygen evolution reaction with long-term stability,Journal of the Taiwan Institute of Chemical Engineers,2024/5
3. Mina Chalani , Mirghasem Hosseini , Saeid Abrari , Raana Mahmoodi , Pariya Yardani , Tahereh Mohammadi and Richard J. Nichols,Nitrogen-doped graphene quantum dots as a support for Ni-Au nanoparticles: efficient electrocatalysts for ethanol and formate fuel cells .using hydrogen peroxide as oxidant,New Journal of Chemistry,,2024/10
4. Mohammadi Tahereh, Hosseini Mir Ghasem, Ashassi ,& Sorkhabi Habib, Yardani Sefidi Pariya,Investigating performance of flower-like CoCu-MOF supported on carbon felt as a binder-free anode electrode in direct ethanol fuel cell,Synthetic Metals,2024/10
5. Tahereh. Mohammadi, Karim. Asadpour ,& Zeynali, Mir Reza. Majidi, Mir Ghasem. Hosseini,Improvement of the performance of hydrazine fuel cells without immobilization of ink catalysts on the membrane: a new electrocatalyst of mixed metal oxides as cathode and nickel foam-based Ni-Co nanoparticles as anode,SPRINGER,2024
6. Mohammadi Tahereh, Hosseini Mir Ghasem, Ashassi ,& Sorkhabi Habib,One-step growth of RuNi-MOF nanoarrays on carbon felt host as a high-performance binder-free electrode for dual application: Ethanol fuel cell and supercapacitor,Journal of Energy Storage,2024
7. Mahmoodi Rana, M. G. Hosseini, S. Abrari, R. Nickols,The effects of the core material (M = Co, Ni) and catalyst support (N = MWCNTs and rGO) on the performance of M@Pd/N core-shell electrocatalysts for formate oxidation and direct formate-hydrogen peroxide fuel cellst,New

- Pariya Yardani Sefidi, Mir Ghasem Hosseini, Shahin Ghasemzadeh, Multi-walled carbon .8
nanotubes decorated polyaniline- Fe_2O_3 nanocomposite as an efficient photoanode for
photoelectrochemical water splitting and photoelectrochemical cathodic protection of mild
steel, *Materials Science in Semiconductor Processing*, pp. 107566, 2023/8/15
- Mahmoud Zarei, Tala Babaei, Masoud Ebratkahan, Taher Nasiri Khoshnevis, Mahdi .9
Zoghmand, Alireza Gheshlaghi, Mir Ghasem Hosseini, Application of Ti-based mixed metal oxide
electrodes towards electrochemical mineralization of Metronidazole: Evaluation of influencing
factors and removal by-products, *Journal of the Taiwan Institute of Chemical Engineers*, pp.
.104940, 2023/8/1
- Tahereh Mohammadi, Karim Asadpour ,& Zeynali, Mir Reza Majidi, Mir Ghasem .10
Hosseini, Ru–Ni nanoparticles electrodeposited on rGO/Ni foam as a binder-free, stable and high-
performance anode catalyst for direct hydrazine fuel cell, *Heliyon*, 2023/6/1
- Hadi Khezerlou, Mir Ghasem Hosseini, Mahmut Can C_{60} , Mevlut $\text{G}_{\text{rb}}\text{Z}$, The Corrosion .11
Behavior of Graphene-Reinforced Al Matrix Composites in 3.5 wt.% NaCl Solution, *Journal of*
Materials Engineering and Performance, pp. 5176-5185, 2023/6
- Mohammad Ebadi, Pariya Yardani Sefidi, Ahmad Samadifar, Dariush Salari, Mir Ghasem .12
Hosseini, Achieving highly efficient and stable MAPbI₃ planar solar cell by embedding Cs⁺, Fe²⁺,
and Cd²⁺ metal inorganic cations in perovskite structure, *Materials Science in Semiconductor*
Processing, pp. 107194, 2023/2/1
- Mahdiyyeh Sadeghi Amjadi, Habib Ashassi ,& Sorkhabi, Mir Ghasem Hosseini, Bruno G Pollet, .13
Elnaz Asghari, N/S-RCQD@NiCo₂S₄ nanocomposite with wrinkled nanosheet-like edges as an
anode for water splitting, *Journal of Energy Storage*, 2023/11/20
- Taiebeh Ahmadpour, Soheil Aber, Mir Ghasem Hosseini, Visible-light enhanced azo dye .14
degradation and power generation in a microbial photoelectrochemical cell using AgBr/ZnO
composite photocathode, *Bioelectrochemistry*, pp. 108139, 2022/8/1
- Mir Ghasem Hosseini, Mir Majid Hosseini, Iraj Ahadzade, The use of silica in IrO₂-based DSA .15
type electrode: An efficient approach to construct cost-effective, potent electrodes for oxygen
evolution reaction, *Materials Chemistry and Physics*, pp. 126086, 2022/6/1
- Masoud Ebratkahan, Mahmoud Zarei, Tala Babaei, Mir Ghasem Hosseini, Mir Majid .16
Hosseini, Zahra Fathipour, Efficient electrochemical removal of 5-fluorouracil pharmaceutical
from wastewater by mixed metal oxides via anodic oxidation process, *Chemosphere*, pp.
.134007, 2022/6/1
- Haleh Rasouli, Pariya Yardani Sefidi, Mir Ghasem Hosseini, Polyaniline film decorated with .17
cadmium sulfide- Ni₂GO nanosheet heterostructure hybrid as highly efficient photoelectrocatalyst
for water splitting, *Materials Science in Semiconductor Processing*, pp. 106425, 2022/4/1
- R. Mahmoodi & V. Hacker S. Abrari, V. Daneshvari ,& Esfahlan, M. Hosseini, Multi-walled .18
carbon nanotube-supported Ni@Pd core–shell electrocatalyst for direct formate fuel
cells, *Journal of Applied Electrochemistry*, 2022/2
- Seyyed Reza Hosseini, Mahsa Bahramgour, Pariya Yardani Sefidi, Alireza Tabatabaei .19
Mashayekh, Asghar Moradi, Nagihan Delibas, Mir Ghasem Hosseini, Aligholi Niaei, Investigating
the effect of non-ideal conditions on the performance of a planar CH₃ NH₃ PbI₃ -based
perovskite solar cell through SCAPS-1D simulation, *Heliyon*, 2022/11/1
- M. Chalani, Daneshvari Vahid, Hosseini Mir Ghasem, Synthesis of nitrogen and phosphorus .20
co-doped graphene quantum dots as metal-free electrocatalysts for ethanol
electrooxidation, *Fullerenes, Nanotubes and Carbon Nanostructures*, 2022
- Hosseini Mir Ghasem, Daneshvari ,& Esfahlan Vahid, Wolf Sigrid, Hacker and Viktor, Cobalt- .21
modified palladium nanocatalyst on nitrogen-doped reduced graphene oxide for direct hydrazine
fuel cell, *RSC ADVANCES*, 2022
- Somayeh Ahmadiyeh, Ali Rasooli, Mir Ghasem Hosseini, AHS Farhood, Superior corrosion and .22

- wear resistance of pulse plated Ni–W–B/SiC composite coatings, *Materials Chemistry and Physics*, pp. 124761, 2021/9/15
- Mir Ghasem Hosseini, F Hosseinzadeh, Parisa Zardari, Masih Darbandi, Pd–Co nanoparticles decorated on different carbon based substrates as electrocatalyst for O₂ reduction reaction, *International Journal of Hydrogen Energy*, 2021/8/13
- Hosseini Mir Ghasem, Daneshvari, & Esfahlan Vahid, Wolf Sigrid, Hacker Viktor, Novel Bimetallic Pd–X (X = Ni, Co) Nanoparticles Assembled on N-Doped Reduced Graphene Oxide as an Anode Catalyst for Highly Efficient Direct Sodium Borohydride–Hydrogen Peroxide Fuel Cells, *ACS Applied Energy Materials*, 2021/6/19
- Hosseini Mir Ghasem, Elham Shahryari, Yardani Sefidi Pariya, Polyaniline grafted chitosan/GO-CNT/Fe₃O₄ nanocomposite as a superior electrode material for supercapacitor application, *Journal of Applied Polymer Science*, 2021/5/20
- M Ebadi, PY Sefidi, A Samadifar, D Salari, M. G. Hosseini... & Optical Materials, Influence of lead (II) chloride and/or lead (II) bromide entrance on the efficiency and stability of methyl ammonium lead triiodide perovskite solar cell: Comparative study of the halide composition and substitution percentage, *Optical Materials*, 2021/2/26
- Mir Ghasem Hosseini Moheyddin Gholizadeh, Ghale, Aziz, Reza Najjar, Synthesis and investigation of low band gap energy donor-acceptor polyaniline, *Journal of Applied Research of Chemical-Polymer Engineering*, pp. 39-55, 2021/12/10
- Mir Ghasem Hosseini, Vahid Daneshvari, & Esfahlan, Hossein Aghajani, Sigrid Wolf, Viktor Hacker, Palladium-Nickel Electrocatalysts on Nitrogen-Doped Reduced Graphene Oxide Nanosheets for Direct Hydrazine/Hydrogen Peroxide Fuel Cells, *Catalysts*, pp. 1372, 2021/11/14
- Khadijeh Aboutalebi, Pariya Yardani Sefidi, Mir ghasem Hosseini, Solen Kinayyigit, Armin Ghouchi, The Effect of 2-Mercaptobenzimidazole-Polyaniline-CeO₂ Ternary Nanocomposite Addition as a Superior Pigment for Improvement of Corrosion Resistance in Epoxy Coatings, *researchsquare*, 2021/11/1
- Reza Ghaffari Adli, Yuanhai Su, Mir Ghasem Hosseini, Abdollah Hajalilou, Metal Oxides for Supercapacitors, *Handbook of Supercapacitor Materials: Synthesis, Characterization, and Applications*, pp. 245-283, 2021/11/1
- Haleh Rasouli, Mir Ghasem Hosseini, Hanieh Mashhady Kashtiban, Hierarchical FTO/PPy/ACo₂O₄ (A: Mn or Ni) with stacks spinel structure as superb photoanodes for photoelectrochemical water splitting, *Materials Chemistry and Physics*, 2021/11/1
- rasoli haleh, hosseini mir Ghasem, yardani paria, Kinayyigit Solen, Superior overall water splitting performance in polypyrrole photoelectrode by coupling NrGO and modifying electropolymerization substrate, *Journal of Applied Polymer Science*, 2021/1/26
- Masih Darbandi, Ehsan Narimani, Pariya Yardani Sefidi, Haleh Rasouli, Mir Ghasem Hosseini, Synthesis of hexagonal cobalt hydroxide and cobalt oxide nanorings as promising materials for oxygen evolution and supercapacitive processes, *International Journal of Hydrogen Energy*, 2021/1/19
- Mir Ghasem Hosseini, Vahid Daneshvari, & Esfahlan, Sigrid Wolf, Viktor Hacker, Cobalt-modified palladium nanocatalyst on nitrogen-doped reduced graphene oxide for direct hydrazine fuel cell, *RSC advances*, 2021
- Babaei Tala, Zarei Mahmoud, Hosseini Mir Ghasem, Hosseini Mir Maji, Electrochemical advanced oxidation process of Phenazopyridine drug waste using different Ti-based IrO₂-Ta₂O₅ anodes, *Journal of the Taiwan Institute of Chemical Engineers*, 2021
- Hosseini Mir Ghasem, Yardani, & Sefidi Pariya, Kinayyigit Solen, Modification of polyaniline-WO₃ as a noble metal-free photo electrocatalyst with (6, 6) - Phenyl-C₆₁- butyric acid methyl ester for solar photoelectrochemical water splitting, *Materials Science in Semiconductor Processing*, 2021
- Haleh Rasouli, Mir Ghasem Hosseini, Mir Majid Hosseini, Ta₂O₅-incorporated in photoinduced

- electrocatalyst of TiO₂-RuO₂ decorated by PPy-NrGO nanocomposite for boosting overall water splitting, *Journal of Colloid and Interface Science*, pp. 254-269, 2021
- Hossein Maleki-Ghaleh, Jafar Khalil-Allafi, Nazila Horandghadim, Pardis Keikhosravani, Mir Ghasem Hosseini, *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 2020/7
- Somayeh Ahmadiyeh, Ali Rasooli, Mir Ghasem Hosseini, Preparation of Pulse Electrodeposited Ni-B Coating with RSM Software and Evaluation of Its Microhardness and Electrochemical Behavior, *Metallurgical and Materials Transactions A*, 2020/6
- Mir Ghasem Hosseini, Pariya Yardani Sefidi, Zeynep Aydin, Solen Kinayyigit, Toward enhancing the photoelectrochemical water splitting efficiency of organic acid doped polyaniline-WO₃ photoanode by photo-assisted electrochemically reduced graphene oxide, *Electrochimica Acta*, 2020/2/10
- Somayeh Ahmadiyeh, Ali Rasooli, Mir Ghasem Hosseini, Corrosion and Wear Study of Ni-W-B/WC Composite Coatings Electroplated by Pulse Plating, *Advanced Engineering Materials*, 2020/10/31
- Reza Najjar, Laya Zarei, & Gharehbaba, Mohand Tazerout, Sandeep R Patil, Stable gasoil/sunflower oil fuel microemulsions prepared by using methylimidazolium based ionic liquids as surfactant, *Journal of Molecular Liquids*, 2020/1/15
- Raana Mahmoodi, Mina Chalani, Mir Ghasem Hosseini, Masih Darbandi, Novel electrocatalysts for borohydride fuel cells: enhanced power generation by optimizing anodic core-shell nanoparticles on reduced graphene oxide, *New Journal of Chemistry*, 2020
- Hosseini Mir Ghasem, Yardani Sefidi Pariya, Musap Mert Ahmet, Kinayyigit Solen, Investigation of solar-induced photoelectrochemical water splitting and photocatalytic dye removal activities of camphor sulfonic acid doped polyaniline -WO₃-MWCNT ternary ..., *Journal of Materials Science & Technology*, 2019/9/20
- Darbandi Masih, Shaabani Behrouz, ... Jenny Schneider, Hosseini Mir ghasem, TiO₂ nanoparticles with superior hydrogen evolution and pollutant degradation performance, *Elsvier*, 2019/9/10
- Darbandi Masih, Shaabani Behrouz, ... Jenny Schneider, Hosseini Mir ghasem, TiO₂ nanoparticles with superior hydrogen evolution and pollutant degradation performance, *Elsvier*, 2019/9/10
- Mousavi Seyed Borhan, Herisa Saeed Zeinali, Hosseini Mir Ghasem, Experimental investigation of MoS₂/diesel oil nanofluid thermophysical and rheological properties, *International Communications in Heat and Mass Transfer*, 2019/8/20
- Masih Darbandi, Behrouz Shaabani, Arezoo Alizadeh, Pariya Yardani, Elham Shahryari, Mir Ghasem Hosseini, Preparation and characterization of hexagonal mesoporous γ -Co(OH)₂ nanorings, *Microporous and Mesoporous Materials*, 2019/8/1
- M.G Hosseini, p Zardari, I Aryankhah, RuO₂, RuO₂-TiO₂ and RuO₂-TiO₂-IrO₂ nanoparticles supported on Ni mesh as mixed metal oxide electrodes for oxygen reduction reaction, *Journal of the Iranian Chemical Society*, 2019/8
- Mir Ghasem Hosseini, Parisa Zardari, Influence of electrodeposition potential, TiO₂ nanoparticles and chromium (III) inhibitor addition on the corrosion protection performance of organosilane coating on aluminium, *Transactions of the IMF YTIM*, 2019/6
- Mir Ghasem Hosseini, Mehdi Abdolmaleki, Vahid Daneshvari, & Esfahlan, Fabrication and evaluation of the performance of Co/CoNiZnAg nanoporous structures as a good candidate for using as anode catalyst in a hydrazine fuel cell, *Materials Technology*, 2019/5/23
- Mir Ghasem Hosseini, Ahmadiyeh Somayeh, rasooli ali, Pulse plating of Ni-B/WC nanocomposite coating and study of its corrosion and wear resistance, *Materials Science and Technology*, 2019/5/10
- Ghaffari Reza, Kianvash AdliAbbas, Hosseini Mir ghasem, Abouzari, & LotfEbrahim

- Ebrahim, Facile and Scalable Synthesis of Ultrafine MnCo₂O₄ Nanoparticles Via Mechanical Alloying as Supercapacitive Materials, *JOM: the journal of the Minerals, Metals & Materials Society*, 2019/4
- Pouladvand Iman, Khameneh Asl Shahin, Hoseini Mir Ghasem, Rezvani .54
- Mohammad, Nanostructured Ti/TiO₂-RuO₂-La₂O₃ anodes prepared by sol-gel process and the effect of electrolyte composition on their stability, *Micro & Nano Letters*, 2019/3/6
- Mahmoodi Raana, Hosseini Mir Ghasem, Rasouli Haleh, Enhancement of output power density and performance of direct borohydride-hydrogen peroxide fuel cell using Ni-Pd core-shell nanoparticles on polymeric composite supports (rGO ...), *Applied Catalysis B: Environmental*, 2019/3/25
- Haleh Rasouli, Leila Naji, Mir Ghasem Hosseini, The influence of electrodeposited PPy film morphology on the electrochemical characteristics of Nafion-based energy storage devices, *Journal of Electroanalytical Chemistry*, 2019/3/1
- M.G. Hosseini, Kh Aboutalebi, Enhancement the anticorrosive resistance of epoxy coatings by incorporation of CeO₂ @ polyaniline @ 2-mercaptobenzotiazole nanocomposite, *Synthetic Metals*, 2019/3
- Mir Ghasem Hosseini, Mousavihashemi Seyedabolfazl, RuO₂ modification of graphene oxide-multiwalled carbon nanotubes as excellent positive electrode for vanadium redox flow battery, *International Journal of Ionics*, 2019/3
- Abdolreza Mirmohseni, Morteza Akbari, Reza Najjar, Mirghasem Hosseini, Self-healing waterborne polyurethane coating by pH-dependent triggered-release mechanism, *Journal of Applied Polymer Science*, 2019/2/20
- Pouladvand Iman, Khameneh Asl Shahin, Hoseini Mir Ghasem, REZVANI .60
- Mohammad, Characterization and electrochemical behavior of Ti/TiO₂-RuO₂-IrO₂-SnO₂ anodes prepared by sol-gel process, *Journal of Sol-Gel Science and Technology*, 2019/2/15
- Mir Reza Majidi, Fatemeh Shahbazi Farahani, Mirghasem Hosseini, Iraj Ahadzadeh, Low-cost nanowired γ -MnO₂/C as an ORR catalyst in air-cathode microbial fuel cell, *Bioelectrochemistry*, 2019/2/1
- Mir Ghasem Hosseini, Somayeh Ahmadiyeh, Ali Rasooli, Shahin Khameneh, & Asl, Pulse Plating of Ni-W-B Coating and Study of Its Corrosion and Wear Resistance, *Metallurgical and Materials Transactions A*, 2019/11
- MirGhasem Hosseini, Elham Shahryari, Anchoring RuO₂ Nano Particles on Reduced Graphene Oxide-Multi Walled Carbon Nanotubes as a High- Performance Supercapacitor, *Ionics*, 2019/1/5
- Mir Ghasem Hosseini, Aboutalebi Khadijeh, An epoxy coating with self-healing capability based on 2-mercaptobenzothiazole loaded CeO₂ nanocontainer, *Journal of Applied Polymer Science*, 2019/1/15
- MG Hosseini, P Zardari, I Ariankhah, RuO₂, RuO₂-TiO₂ and RuO₂-TiO₂-IrO₂ nanoparticles supported on Ni mesh as mixed metal oxide electrodes for oxygen reduction reaction, *Springer*, 2019
- Mir Ghasem Hosseini, Farrokh Hoseinzadeh, Synthesis, characterization and electrochemical investigation of catalyst ink based on Pd nanoparticles supported on different allotropic carbon as oxygen reduction reaction ..., *Applied Chemistry*, 2018/9/23
- Mir Ghasem Hosseini, Khadijeh Aboutalebi, Improving the anticorrosive performance of epoxy coatings by embedding various percentages of unmodified and imidazole modified CeO₂ nanoparticles, *Progress in Organic Coatings*, 2018/9/1
- Mir Ghasem Hosseini, Seyedabolfazl Mousavihashemi, Sebastiañ Murcia, & López, Cristina .68
- Flox, Teresa Andreu, Joan Ramon Morante, High-power positive electrode based on synergistic effect of N-and WO₃-decorated carbon felt for vanadium redox flow batteries, *Carbon*, 2018/9/1
- Haleh Rasouli, Leila Naji, Mir Ghasem Hosseini, The influence of electrodeposited conducting polymer electrode structure on the actuation performance of muscle-like ionic actuators, *Sensors*

- .and Actuators A: Physical,2018/8/15
- Reza GhaffariAdli, Abbas Kianvash, Kinvas, Mir Ghasem Hosseini, Hajalilou Abdollah, .70
Abouzari ,& Lotf Ebrahim,Mechanochemically synthesized NiCo₂O₄/ Vulcan/ PANI
nanocomposite and investigation of its electrochemical behavior as a supercapacitor,Ceramics
.International,2018/8
- MG Hosseini, MM Hosseini,Evaluation of the Electrochemical Activity and Stability of .71
Ti/IrO₂-Ta₂O₅ Electrode as Anode in the Cathodic Protection Systems via Impressed
.Current,Protection of Metals and Physical Chemistry of Surfaces,2018/7
- Somayeh Ahmadi, Ali Rasoli, Mir Ghasem Hosseini,Ni-B/SiC nanocomposite coating .72
obtained by pulse plating and evaluation of its electrochemistry and mechanical
.properties,Surface Engineering,2018/7
- Haleh Rasouli, Leila Naji, Hosseini, Mir Ghasem,3D structured polypyrrole/reduced graphene .73
oxide (PPy/rGO)-based electrode ionic soft actuators with improved actuation performance,New
.Journal of Chemistry,2018/6
- MG Hosseini, N Rashidi, R Mahmoodi, M Omer,Preparation of Pt/G and PtNi/G nanocatalysts .74
with high electrocatalytic activity for borohydride oxidation and investigation of different
.operation condition on the performance ...,Materials Chemistry and Physics,2018/4/1
- Hossein Mostafavi Nasser Arsalani, Sara Mashkouri, Mir Ghasem Hosseini, Ali .75
Ramazani,Green synthesis of water-soluble graphene nanosheets under solvent-free condition
and in-situ anchored with MnO₂ as supercapacitor,Journal of Materials Science: Materials in
.Electronics,2018/2/10
- Seyedabolfazl Mousavihashemi, Flox Cristina, Murcia ,& López S., Hosseini Mir ghasem, .76
Morante J. R.,Towards production of a highly catalytic and stable graphene-wrapped graphite felt
.electrode for vanadium redox flow batteries,Batteries,2018/12
- Reza Najjar, Morteza Akbari, Abdolreza Mirmohseni, Mirghasem Hosseini,Preparation and .77
corrosion performance of healable waterborne polyurethane coatings containing
isophoronediiisocyanate loaded silica capsules,Journal of the Taiwan Institute of Chemical
.Engineers,2018/11/25
- Reza Najjar, Seyyed Adib Katourani, Mir Ghasem Hosseini,Self-healing and corrosion .78
protection performance of organic polysulfide@ urea-formaldehyde resin core-shell nanoparticles
in epoxy/PANI/ZnO nanocomposite coatings on anodized ...,Progress in Organic
.Coatings,2018/11/1
- Mir Ghasem Hosseini, Raana Mahmoodi, Vahid Daneshvari ,& Esfahlan,Ni@Pd core-shell .79
nanostructure supported on multi-walled carbon nanotubes as efficient anode nanocatalysts for
.direct methanol fuel cells with membrane electrode assembly ...,Energy,2018/10
- Haleh Rasouli, Leila Naji, Mir Ghasem Hosseini,Electrochemical and electromechanical study .80
of carbon-electrode-based ionic soft actuators,Industrial & Engineering Chemistry
.Research,2018/1/24
- Simin Ardi, Shahin Khamene Asl, Mirghasem Hoseini, Iman Pouladvand,The effect of number .81
of nano structural coating containing Ti and Ru created by electro deposition,AIP Conference
.Proceedings,2018/1/10
- Mir Ghasem Hosseini, Hosseinzadeh Farrokh, Zardari Parisa,Pd-Ni nanoparticle supported on .82
reduced graphene oxide and multi-walled carbon nanotubes as electrocatalyst for oxygen
.reduction reaction,Fullerenes, Nanotubes and Carbon Nanostructures,2018
- Raana Mahmoodi and Mehdi abdoMaleki Mirghasem Hosseini,High performance direct .83
hydrazine-hydrogen peroxide fuel cell using reduced graphene oxide supported Ni@M (M= Pt, Pd,
.Ru) nanoparticles as novel anodic electrocatalysts,New J. Chem.,2018
- Esmaeel Ariankhah Mir Ghasem Hosseini,Electrochemical Evaluation of Ni/RuO₂ and .84
Ni/RuO₂/Mixed- Metal Oxide Coatings Electrodes toward Hydrogen Evolution Reaction in
.Alkaline Medium Accepted: 28/Aug/2016 1 ...,Journal of Applied Chemistry,2017/8/28

- Mir Ghasem Hosseini, Raana Mahmoodi, Preparation method of Ni@ Pt/C nanocatalyst .85 affects the performance of direct borohydride-hydrogen peroxide fuel cell: Improved power density and increased catalytic oxidation ...,Journal of colloid and interface science,2017/8/15
- AR Eivani, M Hosseini, HR Jafarian, SH Mousavi Anijdan, N Park, Microstructural evolution .86 and fatigue properties of severely deformed AA1050 aluminum alloy, Materials .Characterization,2017/8/1
- and V. Daneshvari , Esfahlan R. Ordikhani , Seyedlar , M. G. Hosseini, Electrooxidation of .87 Ethanol on Platinum Nanoparticles Support by ZrO₂ Nanotube Matrix as a New Highly Active .Electrode, Russian Journal of Physical Chemistry A, 2017/7/15
- MG Hosseini, R Mahmoodi, M Sadeghi Amjadi, Carbon supported Ni₁Pt₁ nanocatalyst as .88 superior electrocatalyst with increased power density in direct borohydride-hydrogen peroxide .and investigation of cell impedance at ..., Energy, 2017/7/15
- Parisa Zardari Mir Ghasem Hosseini, Oxygen depolarized cathode in advanced chlor-alkali .89 cell with Pt–Ru nanoparticles as electro-catalyst: effect of process conditions and response .surface methodology, Desalination and Water Treatment, 2017/7
- Mir Ghasem Hosseini, Haleh Rasouli, Elham Shahryari, Leila Naji, Electrochemical behavior of .90 a Nafion-membrane-based solid-state supercapacitor with a graphene oxide–multiwalled carbon .nanotube–polypyrrole nanocomposite, Journal of Applied Polymer Science, 2017/6/20
- Mir Ghasem Hosseini, Elham Shahryari, A novel high-performance supercapacitor based on .91 chitosan/graphene oxide-MWCNT/polyaniline, Journal of colloid and interface science, 2017/6/15
- M Abdolmaleki, MG Hosseini, A Development in Direct Borohydride/Hydrogen Peroxide Fuel .92 .Cell Using Nanostructured Ni-Pt/C Anode, Fuel Cells, 2017/6
- MG Hosseini, R Mahmoodi, The comparison of direct borohydride-hydrogen peroxide fuel cell .93 performance with membrane electrode assembly prepared by catalyst coated membrane .method and catalyst coated ..., International Journal of Hydrogen Energy, 2017/4/13
- MG Hosseini, M Abdolmaleki, V Daneshvari Esfahlan, Porous Co/Co–Ni–Pt nanostructures .94 prepared by galvanic replacement towards methanol electro-oxidation, Journal of Porous .Materials, 2017/4
- A Shahriari, H Aghajani, M Gh Hosseini, A study of oxidation behavior of AZ91D alloy with .95 .YSZ coating using EIS, Progress in Color, Colorants and Coatings, 2017/2/1
- Mir Ghasem Hosseini, Pariya Yardani Sefidi, Electrochemical impedance spectroscopy .96 evaluation on the protective properties of epoxy/DBSA doped polyaniline-TiO₂ nanocomposite .coated mild steel under cathodic polarization, Surface and Coatings Technology, 2017/12/15
- Haleh Rasouli, Leila Naji, Mir Ghasem Hosseini, The effect of MWCNT content on .97 electropolymerization of PPy film and electromechanical behavior of PPy electrode-based soft .actuators, Journal of Electroanalytical Chemistry, 2017/12/1
- MG Hosseini, R Mahmoodi, Improvement of energy conversion efficiency and power .98 generation in direct borohydride-hydrogen peroxide fuel cell: The effect of Ni-M core-shell .nanoparticles (M= Pt, Pd, Ru ..., Journal of Power Sources, 2017/12/1
- Mir Ghasem Hosseini, Raana Mahmoodi, Direct hydrazine-hydrogen peroxide fuel cell using .99 .Ni@ Pd/rGO as anodic electrocatalyst, In The Name of God, 2017/11/22
- Mir Ghasem Hosseini, Elham Shahryari, Studying the Supercapacitive behavior of Co₃O₄ .100 .Decorated on the Chitosan/GM, In The Name of God, 2017/11/22
- K. Aboutalebi M. Gh. Hosseini, Electrochemical evaluation of corrosion protection .101 performance of epoxy/polyaniline-imidazole modified ZnO nanocomposite coating on mild .steel, Prog. Color Colorants Coat., 2017/10/11
- Mir Ghasem Hosseini, Elham Shahryari, Fabrication of novel solid-state supercapacitor using .102 a Nafion polymer membrane with graphene oxide/multiwalled carbon .nanotube/polyaniline, Journal of Solid State Electrochemistry, 2017/10
- MG Hosseini, R Ordikhani , Seyedlar, V Daneshvari , Esfahlan, Synthesis and characterization .103

- of palladium nanoparticles immobilized on ZrO₂ nanotubes as a new highly active electrode for methanol electro-oxidation, *Journal of Porous Materials*, 2017/10
- Amir Farzaneh, Shahin Khameneh Asl, MG Hosseini, Evaluation effect of electrodeposition parameters on superhydrophobicity and corrosion performance of nickel coatings, *Protection of Metals and Physical Chemistry of Surfaces*, 2017/1
- M Hosseini, V Ghobadian, R Alizadeh, Specific Architectural and Structural Design of an Earthquake Disaster Management Multi-Purpose Complex, *J. Archit. Eng. Technol*, 2017
- MG Hosseini, R Mahmoodi, Ni@ M (M= Pt, Pd and Ru) core@ shell nanoparticles on a Vulcan XC-72R support with superior catalytic activity toward borohydride oxidation: electrochemical and fuel cell studies, *New Journal of Chemistry*, 2017
- Haleh Rasouli, Leila Naji, Mir Ghasem Hosseini, Electrochemical and electromechanical behavior of Nafion-based soft actuators with PPy/CB/MWCNT nanocomposite electrodes, *RSC advances*, 2017
- Mir Ghasem Hosseini, Elham Shahryari, Synthesis, characterization and electrochemical study of graphene oxide-multi walled carbon nanotube-manganese oxide-polyaniline electrode as supercapacitor, *Journal of Materials Science & Technology*, 2016/8/1
- MG Hosseini, H Teymourinia, A Farzaneh, S Khameneh, & asl, Evaluation of corrosion, mechanical and structural properties of new Ni-W-PCTFE nanocomposite coating, *Surface and Coatings Technology*, 2016/7/25
- A Shahriari, H Aghajani, M Gh Hosseini, Corrosion resistance enhancement of AZ91 magnesium alloy using Ni-P interlayer and electrophoretic deposited 3YSZ coating, *Progress in Color, Colorants and Coatings*, 2016/7/1
- Mir Ghasem Hosseini, Parisa Zardari, Electrocatalysis of oxygen reduction on multi-walled carbon nanotube supported Ru-based catalysts in alkaline media, *international journal of hydrogen energy*, 2016/6/8
- Amir Farzaneh, Mir Ghasem Hosseini, Shahin Khameneh Asl, Omer Mermer, Electrochemical, structural and nano tribological behavior of Ni-W-PTFE nanocomposite coatings prepared by tartrate bath, *International Journal of Electrochemical Science*, 2016/6/1
- MG Hosseini, V Daneshvari, Esfahlan, H Maleki, Ghaleh, Effect of Water and Fluoride Content of Anodizing Electrolyte on Morphology and Corrosion Behavior of ZrO₂-Nanotubes Developed on Zirconium Implant, *Journal of Materials Engineering and Performance*, 2016/3
- Mirghasem Hosseini, Esmaeel Ariankhah, Electrochemical Evaluation of Ni/RuO₂ and Ni/RuO₂/Mixed-Metal Oxide Coatings Electrodes toward Hydrogen Evolution Reaction in Alkaline Medium, *Applied Chemistry*, 2016/12/21
115. حسینی، میرقاسم، آرین خواه، بررسی الکتروشیمیایی الکترودهای نیکل/اکسید روتنیوم و نیکل/اکسید روتنیوم/پوششهای مخلوط اکسید فلزی در آزادسازی گاز هیدروژن در محیط قلیایی، شیمی کاربردی روز، 2016/12/21.
- Mohammad Shokri, Ghodsieh Isapour, Mir Ghasem Hosseini, Qamar Zarbpoor, Enhanced Photocatalytic activity of Ag Doped ZnO nanorods for degradation of an Azo Dye, *Water Environment Research*, 2016/11
- MG HOSSEINI, MM HOSSEINI, INVESTIGATION OF THE ELECTROCHEMICAL ACTIVITY OF MIXED METAL OXIDE COATINGS OF IR₂O₃, RUO₂, TIO₂ AND TA₂O₅ AS ANODE IN THE CATHODIC PROTECTION SYSTEMS BY IMPRESSED CURRENT, *SCIENCE AND ENGINEERING CORROSION*, 2016/1/1
- KHAH E ARIAN, M HOSSEINI, INVESTIGATION OF THE INFLUENCE OF PREPARATION METHOD ON THE ACTIVITY OF NICKEL/RUTHENIUM OXIDE ELECTRODE IN HYDROGEN EVOLUTION REACTION, *JOURNAL OF APPLIED RESEARCHES IN CHEMISTRY (JARC)*, 2016/1/1
- Mohamad Mohsen Momeni, Mir Ghasem Hosseini, Photo-electrocatalytic activity of TiO₂ nanotubes prepared with two-step anodization and treated under UV light irradiation, *Nanochemistry Research*, 2016/1/1

Mir Ghasem Hosseini, Elham Shahryari, Performance of polyaniline/manganese oxide- .120
MWCNT nanocomposites as supercapacitors, Iranian chemical communication, 2016/1/1

S Khameneh, & Asl, A Farzaneh, H Teymourinia, O Mermer, MG Hosseini, Preparation of a .121
Ni-Mo-P-PCTFE nanocomposite coating and evaluation of its nano-tribological, mechanical
and electrochemical performance, RSC advances, 2016

MG Hosseini, E Shahryari, R Najjar, I Ahadzadeh, Study of super capacitive behavior of .122
polyaniline/manganese oxide-carbon black nanocomposites based electrodes, International
Journal of Nanoscience and Nanotechnology, 2015/9/1

MG Hosseini, P Zardari, Electrocatalytical study of carbon supported Pt, Ru and bimetallic .123
Pt-Ru nanoparticles for oxygen reduction reaction in alkaline media, Applied Surface
Science, 2015/8/1

A Khoradmehr, AH Danafar, M Hosseini, I Halvaei, J Golzadeh, F Akyash, M Anvari, Apoptotic .124
cells and loss of follicle development were resulted after administration of Nano dioxide titanium
on immature mouse ovary., Iranian Journal of Reproductive Medicine, 2015/4/2

AH Danafar, A Khoradmehr, M Hosseini, I Halvaei, J Golzadeh, M Anvari, Effects of Nano .125
TiO₂ on chromatin, apoptosis and parameters of sperm in mice., Iranian Journal of Reproductive
Medicine, 2015/4/2

H Maleki, & Ghaleh, K Hajizadeh, E Aghaie, S Ghobadi Alamdari, MG Hosseini, MH Fathi, K .126
Ozaltin, KJ Kurzydowski, Effect of equal channel angular pressing process on the corrosion
behavior of type 316L stainless steel in Ringer's solution, Corrosion, 2015/3/1

H Rasouli, L Naji, MG Hosseini, Effects of aqueous, organic and mixed phases on .127
electrodeposition of polypyrrole thin film on nafion-based vulcan XC-72R electrode, Institute for
Color Science and Technology, 2015/11

K Hajizadeh, H Maleki-Ghaleh, A Arabi, Y Behnamian, E Aghaie, A Farrokhi, MG Hosseini, MH .128
Fathi, Corrosion and biological behavior of nanostructured 316L stainless steel processed by
severe plastic deformation, Surface and Interface Analysis, 2015/10

MG Hosseini, V Daneshvari, Esfahlan, R Ordikhani, Seyedlar, Fabrication, characterisation .129
and investigation of zirconium oxide corrosion behaviour on resistance of zirconium oxide
nanotubes in artificial saliva as biological environment, Corrosion Engineering, Science and
Technology, 2015/10

MG HOSSEINI, E SHAHRYARI, ELECTROCHEMICAL SUPERCAPACITOR STUDIES OF .130
GO-MWCNTS, MG HOSSEINI, E SHAHRYARI, 2015/1/1

MG HOSSEINI, P ZARDARI, N RASHIDI, PT. NI NANOPARTICLES SUPPORTED ON GRAPHENE .131
AS AN EFFECTIVE CATALYST FOR OXYGEN REDUCTION, 2015/1/1, 2015/1/1

MG HOSSEINI, P ZARDARI, F HOSSEINZADEH, PD-NI AND PD-CO NANOPARTICLES .132
SUPPORTED ON CARBON AS AN EFFECTIVE CATALYST FOR OXYGEN
REDUCTION, 2015/1/1, 2015/1/1

MG HOSSEINI, SH MOUSAVI, ESFAHLAN V DANESHVARI, NICKEL NANOPARTICLE .133
SUPPORTED ON ZRO₂ NANOTUBES AS A NEW HIGH ACTIVE ELECTRODES FOR METHANOL
ELECTRO OXIDATION, 2015/1/1, 2015/1/1

MG HOSSEINI, SA MOUSAVI, EFFECT OF DIFFERENT DICARBOXYLIC ACID ADDITIVES ON .134
ELECTROCHEMICAL BEHAVIOR OF VANADIUM REDOX FLOW BATTERIES, 2015/1/1, 2015/1/1

MG HOSSEINI, M SADEGI, R MAHMOODI, SYNTHESIS OF CARBON-SUPPORTED PT-NI .135
NANOPARTICLES AS ANODE CATALYST FOR HIGH PERFORMANCE OF DIRECT BOROHYDRIDE-
HYDROGEN PEROXIDE FUEL CELL, 2015/1/1, 2015/1/1

MIR GHASEM HOSSEINI, MIR MAJID HOSSEINI, DARABI FARAMARZ .136
SADEGHZADEH, ELECTROCHEMICAL INVESTIGATION OF TI/IRO₂-TA₂O₅ DSA ELECTRODES
FOR THE OXYGEN EVOLUTION REACTION, 2015, 2015

MIR GHASEM HOSSEINI, MIR MAJID HOSSEINI, DARABI FARAMARZ .137
SADEGHZADEH, ELECTROCHEMICAL INVESTIGATION OF TI/IRO₂-TA₂O₅ DSA ELECTRODES

- .FOR THE OXYGEN EVOLUTION REACTION,2015,2015
- AR Khataee, M Hosseini, Y Hanifehpour, M Safarpour, SW Joo,Yb-Doped ZnSe .138
nanoparticles: synthesis, physical properties and photocatalytic activity,Journal of Nanoscience
and Nanotechnology,2014/9/1
- Babak Bakhit, Alireza Akbari, Farzad Nasirpouri, Mir Ghasem Hosseini,Corrosion resistance .139
of Ni–Co alloy and Ni–Co/SiC nanocomposite coatings electrodeposited by sediment
codeposition technique,Applied Surface Science,2014/7/15
- Alexander S Samardak, Alexey V Ognev, Ekaterina V Sukovatitsina, Maxim E Steblyi, Evgeny .140
B Modin, Liudmila A Chebotkevich, R Mahmoodi, MG Hosseini, SM Peighambari, Farzad
Nasirpouri,Magnetic Behavior of Single Ni Nanowires and its Arrays Embedded in Highly Ordered
Nanoporous Alumina Templates,Solid State Phenomena,2014/6/12
- F Nasirpouri, MR Sanaeian, AS Samardak, EV Sukovatitsina, AV Ognev, LA Chebotkevich, M .141
, & G Hosseini, M Abdolmaleki,An investigation on the effect of surface morphology and
crystalline texture on corrosion behavior, structural and magnetic properties of electrodeposited
nanocrystalline ...,Applied surface science,2014/2/15
- AR Khataee, M Hosseini, Y Hanifehpour, M Safarpour, SW Joo,Hydrothermal synthesis and .142
characterization of Nd-doped ZnSe nanoparticles with enhanced visible light photocatalytic
activity,Research on Chemical Intermediates,2014/2
- Mohamad Mohsen Momeni, Mir Ghasem Hosseini,Different TiO₂ nanotubes for back .143
illuminated dye sensitized solar cell: fabrication, characterization and electrochemical
impedance properties of DSSCs,Journal of Materials Science: Materials in Electronics,2014/11
- Leila Shabanimashcool, Gholamreza Zarrini, Iraj Ahadzadeh, Mirghasem .144
Hosseini,ELECTRICITY GENERATION BY ESCHERICHIA COLI FROM MOLASSES IN A MICROBIAL
FUEL CELL,Iranian Journal of Public Health,2014
- Mir Ghasem Hosseini, Mehdi Abdolmaleki, Sajjad Ashrafpoor,Methanol electro-oxidation on .145
a porous nanostructured Ni/Pd-Ni electrode in alkaline media,Chinese Journal of
Catalysis,2013/9/1
- AR Khataee, Y Hanifehpour, M Safarpour, M Hosseini, SW Joo,Synthesis and .146
Characterization of Er_x Zn_{1-x} Se Nanoparticles: A Novel Visible Light Responsive
Photocatalyst,Science of Advanced Materials,2013/8/1
- Mir Ghasem Hosseini, Iraj Ahadzadeh,Electrochemical impedance study on methyl orange .147
and methyl red as power enhancing electron mediators in glucose fed microbial fuel cell,Journal
of the Taiwan Institute of Chemical Engineers,2013/7/1
- Mir Ghasem Hosseini, Mehdi Abdolmaleki,Synthesis and characterization of porous .148
nanostructured Ni/PdNi electrode towards electrooxidation of borohydride,International journal
of hydrogen energy,2013/5/1
- M Hosseini, F Eskandari,Investigating entrepreneurial orientation and firm performance in .149
the Iranian agricultural context,Journal of Agricultural Science and Technology,2013/3/10
- F Nasirpouri, SM Janjan, SM Peighambari, MG Hosseini, A Akbari, AS Samardak,Refinement .150
of electrodeposition mechanism for fabrication of thin nickel films on n-type silicon (1 1
.1),Journal of electroanalytical chemistry,2013/2/1
- MG Hosseini, HAY Ghasvand, H Ashassi, & Sorkhabi,Preparation Ce (III) conversion .151
coatings on electrodeposited Zn–Ni alloy and comparison of their corrosion performance and
morphology with Cr (VI) conversion coatings,Surface engineering,2013/2
- MG Hosseini, MM Momeni, S Zeynali,Gold nanoparticles deposited on polyaniline .152
nanofibres as for electro-oxidation of hydrazine,Surface engineering,2013/2
- Mir Ghasem Hosseini, Mehdi Abdolmaleki, Farzad Nasirpouri,Investigation of the porous .153
nanostructured Cu/Ni/AuNi electrode for sodium borohydride electrooxidation,Electrochimica
Acta,2013/12/30
- K Sadoughi, M Hosseini, F Shakeri, M Azimi,Analytical simulation of MHD nanofluid flow .154

- .over the horizontal plate,Frontiers in Aerospace Engineering,2013/11/1
- Mir Ghasem Hosseini, Iraj Ahadzadeh,Application and comparison of current interruption .155
and electrochemical impedance spectroscopy methods to study a microbial fuel
.cell,Instrumentation science & technology,2013/1/1
- MG Hosseini, M Abdolmaleki, S Ashrafpoor, R Najjar,Deposition and corrosion resistance of .156
.electroless Ni-PCTFE-P nanocomposite coatings,Surface and Coatings Technology,2012/6/25
- MG Hosseini, S Zeynali, MM Momeni, R Najjar,Polyaniline nanofibers supported on titanium .157
as templates for immobilization of Pd nanoparticles: A new electro-catalyst for hydrazine
.oxidation,Journal of applied polymer science,2012/6/15
- Mir Ghasem Hosseini, Mohamad Mohsen Momeni,Platinum nanoparticle-decorated TiO₂ .158
nanotube arrays as new highly active and non-poisoning catalyst for photo-electrochemical
.oxidation of galactose,Applied Catalysis A: General,2012/6/15
- MG Hosseini, MM Momeni,Evaluation of the Performance of Platinum .159
Nanoparticle–Titanium Oxide Nanotubes as a New Refreshable Electrode for Formic Acid
.Electro-oxidation,Fuel Cells,2012/6
- A Mirmohseni, MS Seyed Dorraji, MG Hosseini,Influence of metal oxide nanoparticles on .160
pseudocapacitive behavior of wet-spun polyaniline-multiwall carbon nanotube
.fibers,Electrochimica Acta,2012/5/30
- Mir Ghasem Hosseini, Mohamad Mohsen Momeni,UV-cleaning properties of Pt .161
nanoparticle-decorated titania nanotubes in the electro-oxidation of methanol: An anti-poisoning
.and refreshable electrode,Electrochimica Acta,2012/5/30
- MG Hosseini, MM Momeni, H Khalilpur,SYNTHESIS AND CHARACTERIZATION OF .162
PALLADIUM NANOPARTICLES IMMOBILIZED ON TiO₂ NANOTUBES AS A NEW HIGH ACTIVE
.ELECTRODE FOR ...,International Journal of Nanoscience,2012/4/19
- Mir Ghasem Hosseini, Mohamad Mohsen Momeni,Fabrication and photo-electrocatalytic .163
activity of highly oriented titania nanotube loaded with platinum nanoparticles for electro-
.oxidation of lactose: A new recyclable ...,Journal of Molecular Catalysis A: Chemical,2012/3/1
- Mir Ghasem Hosseini, Mehdi Abdolmaleki, Sajjad Ashrafpoor,Preparation, characterization, .164
and application of alkaline leached Ni/Zn–Ni binary coatings for electro-oxidation of methanol in
.alkaline solution,Journal of Applied Electrochemistry,2012/3
- Mir Ghasem Hosseini, Iraj Ahadzadeh,A dual-chambered microbial fuel cell with Ti/nano- .165
.TiO₂/Pd nano-structure cathode,Journal of Power Sources,2012/12/15
- Mir Ghasem Hosseini, Mehdi Abdolmaleki, Sajjad Ashrafpoor,Electrocatalytic oxidation of .166
sodium borohydride on a nanoporous Ni/Zn-Ni electrode,Chinese Journal of Catalysis,2012/11/1
- MG Hosseini, MM Momeni,Design of Highly Uniform Platinum and Palladium Nanoparticle .167
Decoration on TiO₂ Nanotube Arrays: An Efficient Anode to the Electro-Oxidation of
.Alcohols,Journal of Ultrafine Grained and Nanostructured Materials,2012/10/1
- EV Sukovatitsina, AS Samardak, AV Ognev, LA Chebotkevich, SM Peighambari, F Nasirpouri, .168
R Mahmoodi, MG Hosseini,Magnetic properties of nickel nanowire arrays patterned by template
.electrodeposition,Solid State Phenomena,2012
- Mirghasem Hosseini, Mohamad Mohsen Momeni,PRAPARATION AND CHARACTERISATION .169
OF TiO₂ NANOTUBULAR ARRAYS FOR ELECTRO-OXIDATION OF ORGANIC COMPOUNDS:
.EFFECT OF ...,International Journal of Modern Physics: Conference Series,2012
- N Manavizadeh, M Hosseini, M Rabbani,Solving a New Mixed-Model Assembly .170
LineSequencing Problem in a MTO Environment,International Journal of Industrial and
.Manufacturing Engineering,2011/9/24
- MG Hosseini, R Bagheri, R Najjar,Electropolymerization of polypyrrole and polypyrrole-ZnO .171
nanocomposites on mild steel and its corrosion protection performance,Journal of Applied
.Polymer Science,2011/9/15
- Mir Ghasem Hosseini, Mohammad Shokri, Morteza Khosravi, Reza Najjar, Masih .172

- Darbandi, Photodegradation of an azo dye by silver-doped nano-particulate titanium dioxide, *Toxicological & Environmental Chemistry*, 2011/9/1
- MG Hosseini, MM Momeni, M Faraji, Preparation and electrocatalytic activity of gold nanoparticle embedded in highly ordered TiO₂ nanotube array electrode for electro-oxidation of galactose, *Surface engineering*, 2011/9
- M Razi Mousavi, S Chamanian, I Ahadzadeh, Manouchehr Bahrami, MG Hosseini, Fabrication and Simulation of Implantable Glucose Fuel Cell, 2011 21st International Conference on Systems Engineering, 2011/8/16
- Mir Ghasem Hosseini, Mohammad Shokri, Morteza Khosravi, Reza Najjar, Shabnam Sheikh, Fabrication of Highly Stable Silver, Platinum and Gold Nanoparticles via Microemulsions: Influence of Operational Parameters, *J. Mater. Sci. Eng. A*, 2011/8/1
- SJ Peighambari, S Rowshanzamir, MG Hosseini, M Yazdanpour, Self-humidifying nanocomposite membranes based on sulfonated poly (ether ether ketone) and heteropolyacid supported Pt catalyst for fuel cells, *International journal of hydrogen energy*, 2011/8/1
- Mir Ghasem Hosseini, Mohamad Mohsen Momeni, Masoud Faraji, Fabrication of Au-Nanoparticle/TiO₂-Nanotubes Electrodes Using Electrochemical Methods and Their Application for Electrocatalytic Oxidation of Hydroquinone, *Electroanalysis*, 2011/7
- SM Janjan, F Nasirpouri, MG Hosseini, Electrodeposition mechanism of nickel films on polycrystalline copper from dilute simple sulphate solutions, *Russian Journal of Electrochemistry*, 2011/7
- MG Hosseini, M Abdolmaleki, H Ebrahimzadeh, SA Seyed Sadjadi, Effect of 2-butyn-1, 4-diol on the nanostructure and corrosion resistance properties of electrodeposited Ni-WB coatings, *International Journal of Electrochemical Science*, 2011/4/1
- Mir Ghasem Hosseini, Masoud Faraji, Mohamad Mohsen Momeni, Application of titanium oxide nanotube films containing gold nanoparticles for the electroanalytical determination of ascorbic acid, *Thin Solid Films*, 2011/3/31
- Mirghasem Hosseini, Mohamad Mohsen Momeni, Masoud Faraji, Electro-oxidation of hydrazine on gold nanoparticles supported on TiO₂ nanotube matrix as a new high active electrode, *Journal of Molecular Catalysis A: Chemical*, 2011/2/1
- Mir Ghasem Hosseini, Masoud Faraji, Mohamad Mohsen Momeni, Sohrab Ershad, An innovative electrochemical approach for voltammetric determination of levodopa using gold nanoparticles doped on titanium dioxide nanotubes, *Microchimica acta*, 2011/2
- Nasser Arsalani, Amir Mohammad Gogani, Gholam Reza Kiani, Mir Ghasem Hosseini, Ali Akbar Entezami, Electrosynthesis and Characterization of Polypyrrole in the Presence of 2, 5-(2-thienyl)-Pyrrole (SNS), *Electropolymerization*; Schab-Balcerzak E. (Ed.); InTech: Rijeka, Shanghai, 2011/12/22
- MG Hosseini, M Jafari, R Najjar, Effect of polyaniline-montmorillonite nanocomposite powders addition on corrosion performance of epoxy coatings on Al 5000, *Surface and Coatings Technology*, 2011/10/25
- AS Samardak, EV Sukovatitsina, AV Ognev, LA Chebotkevich, R Mahmoodi, MG Hosseini, SM Peighambari, F Nasirpouri, Geometry dependent magnetic properties of Ni nanowires embedded in self-assembled arrays, *Physics Procedia*, 2011/1/1
- Mohammad Shokri, Mir Ghasem Hosseini, Morteza Khosravi, Reza Najjar, Shabnam Sheikh, The preparation of Pt-modified TiO₂ nanoparticles via microemulsions, and their application in photocatalytic removal of an azo dye (CI Acid Red 27), *Fresenius Environmental Bulletin*, 2011
- M Amjadi, S Rowshanzamir, SJ Peighambari, MG Hosseini, MH Eikani, Investigation of physical properties and cell performance of Nafion/TiO₂ nanocomposite membranes for high temperature PEM fuel cells, *Pergamon*, 2010/9/1
- P Bagheri, M Farzam, AB Mousavi, M Hosseini, Ni-TiO₂ nanocomposite coating with high

- .resistance to corrosion and wear, *Surface and Coatings Technology*, 2010/8/25
- Mirghasem Hosseini, Soheila Ebrahimi, The effect of Ti (I) on the hard gold alloy .189
- .electrodeposition of Au–Co from acid baths, *Journal of Electroanalytical Chemistry*, 2010/7/1
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- .particles, *Journal of Applied Electrochemistry*, 2010/7
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- Science*, 2009/9/1
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- Khoshvaght, Electrodeposition of Ni–W–B nanocomposite from tartrate electrolyte as alternative
- .to chromium plating, *Surface engineering*, 2009/7
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- K Jafarzadeh, T Shahrabi, MG Hosseini, Effect of cathodic polarisation on pitting corrosion .201
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- engineering, science and technology*, 2009/4/1
- M Sabouri, T Shahrabi, HR Faridi, MG Hosseini, Polypyrrole and polypyrrole–tungstate .202
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- A Khanfekr, K Arzani, A Nemati, M Hosseini, Production of perovskite catalysts on ceramic .203
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- Environmental Science & Technology*, 2009/12
- MG Hosseini, M Raghibi, & Boroujeni, I Ahadzadeh, R Najjar, MS Seyed Dorraji, Effect of .204
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- K Jafarzadeh, T Shahrabi, SMM Hadavi, MG Hosseini, Morphological characterization of .205
- AA5083-H321 aluminum alloy corrosion in NaCl solution under hydrodynamic conditions, *Anti-*
- Corrosion Methods and Materials*, 2009/1/9

- MS Seyed Dorraji, S Aber, MG Hosseini, M Raghibi, & Boroujeni, I Ahadzadeh, Preparation of ZnO, ZnFe₂O₄ and ZnO-SnO₂ nanocrystals and investigation of their photocatalytic activity, *International journal of nanotechnology*, 2009/1/1 .206
- Esmael Naderi, AH Jafari, M Ehteshamzadeh, MG Hosseini, Erratum to "Effect of carbon steel microstructures and molecular structure of two new Schiff base compounds on inhibition performance in 1M HCl solution by EIS" [*Mater. Chem ...*, *Materials Chemistry and Physics*, 2009 .207
- Arsia Khanfekr, A Nemati, K Arzani, M Hosseini, Study of Nano Particles Effects of Fe and Mn Compound in (La, Ce)(Pd, Co) O₃ Perovskite Catalysts and its Comparison with Imported Catalyst of Iran Khodro with Nobel Metals, *مواد و فناوری‌های پیشرفته*, 2008/7/22. .208
- AR Yazdzad, T Shahrabi, MG Hosseini, Inhibition of 3003 aluminum alloy corrosion by propargyl alcohol and tartrate ion and their synergistic effects in 0.5% NaCl solution, *Materials Chemistry and physics*, 2008/6/15 .209
- H Tavakoli, T Shahrabi, MG Hosseini, Synergistic effect on corrosion inhibition of copper by sodium dodecylbenzenesulphonate (SDBS) and 2-mercaptobenzoxazole, *Materials Chemistry and Physics*, 2008/6/15 .210
- Taghi Shahrabi, Alireza Yazdzad, Mirghasem Hosseini, Inhibition behaviour of 2-butene-1, 4-diol and tartrate salt, and their synergistic effects on corrosion of AA3003 aluminium alloy in 0.5% NaCl solution, *پایان نامه*, 2008/5/28 .211
- GR Kiani, N Arsalani, MG Hosseini, AA Entezami, Improvement of the conductivity, electroactivity, and redoxability of polythiophene by electropolymerization of thiophene in the presence of catalytic amount of 1-(2-pyrrolyl) ..., *Journal of applied polymer science*, 2008/5/15 .212
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- MG Hosseini, H Ashassi, & Sorkhabi, HAY Ghiasvand, Electrochemical studies of Zn-Ni alloy coatings from non-cyanide alkaline bath containing tartrate as complexing agent, *Surface and Coatings Technology*, 2008/3/25 .214
- H Ashassi, Sorkhabi, M Moradi, Haghghi, MG Hosseini, Effect of rare earth (Ce, La) compounds in the electroless bath on the plating rate, bath stability and microstructure of the nickel-phosphorus deposits, *Surface and Coatings Technology*, 2008/2/1 .215
- MG Hosseini, M Sabouri, T Shahrabi, Comparison of the corrosion protection of mild steel by polypyrrole-phosphate and polypyrrole-tungstate coatings, *Journal of applied polymer science*, 2008/12/5 .216
- H Ashassi, & Sorkhabi, D Seifzadeh, MG Hosseini, EN, EIS and polarization studies to evaluate the inhibition effect of 3H-phenothiazin-3-one, 7-dimethylamin on mild steel corrosion in 1 M HCl solution, *Corrosion Science*, 2008/12/1 .217
- GHOLAM REZA Kiani, N Arsalani, MG Hosseini, AA Entezami, Synthesis of Poly (3-methylthiophene) in the Presence of 1-(2-Pyrrolyl)-2-(2-thienyl) Ethylene by Electropolymerization, *Journal of the Iranian Chemical Society*, 2008/12 .218
- MG Hosseini, H Tavakoli, T Shahrabi, Synergism in copper corrosion inhibition by sodium dodecylbenzenesulphonate and 2-mercaptobenzoimidazole, *Journal of applied electrochemistry*, 2008/11 .219
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- K JAFARZADEH, T SHAHRABI, SMM HADAVI, M HOSSEINI, EIS STUDY ON CORROSION BEHAVIOR OF AA 5083-H321 ALUMINUM-MAGNESIUM ALLOYS IN STAGNANT NaCl SOLUTION, *IRANIAN JOURNAL OF SURFACE SCIENCE AND ENGINEERING*, 2008/1/1 .221
- Mirghasem Hosseini, Seyed Abolfazl Seyed Sajjadi, Mohammad Mohsen Momeni, Preparing anodes with high effective catalytic surface and their electrochemical behavior in the chlorine evolution reaction, *IUST Int. J. Eng. Sci*, 2008/1/1 .222

- T Shahrabi, Hossein Tavakholi, MG Hosseini, Corrosion inhibition of copper in sulphuric acid .223
 .by some nitrogen heterocyclic compounds, *Anti-Corrosion Methods and Materials*, 2007/9/18
- MG Hosseini, M Ehteshamzadeh, T Shahrabi, Protection of mild steel corrosion with Schiff .224
 .bases in 0.5 M H₂SO₄ solution, *Electrochimica acta*, 2007/3/1
- M Sabouri, T Shahrabi, MG Hosseini, Improving corrosion protection performance of .225
 .polypyrrole coating by tungstate ion dopants, *Russian Journal of Electrochemistry*, 2007/12
- MG Hosseini, SAS Sajjadi, MM Momeni, Electrodeposition of platinum metal on titanium and .226
 anodised titanium from P salt: application to electro-oxidation of glycerol, *Surface
 .engineering*, 2007/11/1
- MG Hosseini, M Sabouri, T Shahrabi, Corrosion protection of mild steel by polypyrrole .227
 .phosphate composite coating, *Progress in Organic Coatings*, 2007/10/1
- Mirghasem Hosseini, Habib Ashassi, & Sorkhabi, Heshmat Allah Yaghoobkhani .228
 Ghiasvand, Corrosion protection of electro-galvanized steel by green conversion coatings, *Journal
 .of rare Earths*, 2007/10/1
- Maryam Ehteshamzadeh, Taghi Shahrabi, Mirghasem Hosseini, Innovation in acid pickling .229
 treatments of copper by characterizations of a new series of Schiff bases as corrosion
 .inhibitors, *Anti-Corrosion Methods and Materials*, 2006/9/1
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 dodecanethiol upon inhibition of Schiff bases on carbon steel corrosion in sulphuric acid
 .media, *Anti-Corrosion Methods and Materials*, 2006/5/1
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 .Corrosion*, 2006/5
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 assembled films of new Schiff bases and their modification with alkanethiols in aqueous
 .medium, *Applied surface science*, 2006/2/15
- Thomas Doneux, Claudine Buess, & Herman, Mir Ghasem Hosseini, Robert Jeremy Nichols, .233
 Jacek Lipkowski, Adsorption of 2-mercaptobenzimidazole on a Au (1 1 1)
 .electrode, *Electrochimica acta*, 2005/8/1
- MG Hosseini, T Shahrabi, RJ Nichols, Characterization of mercaptobenzimidazole adsorption .234
 .on an Au (111) electrode, *Iranian Journal of Science*, 2005/2/1
- M Ebrahimi Mehr, T Shahrabi, MG Hosseini, Determination of suitable corrosion inhibitor .235
 .formulation for a potable water supply, *Anti-Corrosion Methods and Materials*, 2004/12/1
- Mirghasem Hosseini, Stijn FL Mertens, Mohammed R Arshadi, Synergism and antagonism in .236
 mild steel corrosion inhibition by sodium dodecylbenzenesulphonate and
 .hexamethylenetetramine, *Corrosion Science*, 2003/7/1
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 Arshadi, Asymmetrical Schiff bases as inhibitors of mild steel corrosion in sulphuric acid
 .media, *Materials chemistry and physics*, 2003/2/28
- T Shahrabi, MG Hosseini, Mohammad Ghorbani, MR Arshadi, Synergistic influence of .238
 benzoate ions on inhibition of corrosion of mild steel in 0.5 m sulfuric acid by
 .benzotriazole, *International Journal of Engineering*, 2003/10/1
- Simon Floate, Mirghasem Hosseini, Mohammed R Arshadi, David Ritson, Karen L Young, .239
 Richard J Nichols, An in-situ infrared spectroscopic study of the adsorption of citrate on Au (111)
 .electrodes, *Journal of Electroanalytical Chemistry*, 2003/1/30
- MR Arshadi, MG Hosseini, M Ghorbani, Inhibition effect of 3, 5 bis (2-pyridil) 4-amino 1, 2, 4 .240
 triazole and 1-10 phenantrolin on corrosion of mild steel in acid solutions, *British Corrosion
 .Journal*, 2002/2

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