دانشیار دانشگاه شهید بهشتی

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علوم شیمی و نفت / شیمی نفت، پلیمر و کاتالیست

تحصیلات

■ دکتری: دانشگاه شیراز، مهندسی پلیمر

علایق پژوهشی

■ پلیمرهای عامل دار

■ کاتالیستهای پایه پلیمری

■ سینتیک پلیمرشدن و مکانیسم

■ طراحی ساختار و سنتز هیدروژلهای پلیمری برای ازدیاد برداشت نفت از مخازن و فرمولاسیون گل و سیمان حفاری

■ پلیمر های پایدار حرارتی طراحی ساختار و تهیه هیدروژلها برای تصفیه پسابهای صنعتی

■ کامپوزیتها و پوششها و لاینینگ های پلمیری و غشاهای بر پایه پلیمر

فعالیت‌های اجرایی

■ عضو هیات تحریریه در بخش شیمی پلیمر نشریه شیمی ایران، ۱۳۹۶←تا زمان حال

■ عضو هیئت تحریریه نشریه بین المللی لیگنو سلولز، ۱۳۹۳←۱۳۹۵

■ عضو هیئت تحریریه نشریه بین المللی لیگنو سلولز، ۱۳۹۳←۱۳۹۵

کتب

■ sustainable membrane technology for energy, water, and environment
Ali Rahmatpour-Liasi, ,
John Wiley & Sons, Inc., USA, 2012, 10987654321 :شابک

ارتباط با صنعت

■ تهیه و تولید رزین نفتی هیدروکربنی، پلیمری از محصول جانبی و ضایعات حاوی الفین واحد کراکینگ پتروشیمی جم در مقیاس آزمایشگاهی ۱۳۹۶

مقالات علمی چاپ شده در مجلات

■ First synthesis of 6 12- ethano-12H-dibenzo 1 3 dioxocins type compounds and 8 16-Ethano-16 H-dinaphtho 1 3 dioxocin from condensation of p-substituted phenol derivatives with 2 5- dimethoxytetrahydrofuran in trifluoroacetic acid
Ali Rahmatpour-Liasi
JOURNAL OF HETEROCYCLIC CHEMISTRY

■ Biofilm hydrogel derived from physical crosslinking (self-assembly) of xanthan gum and chitosan for removing Cd2+, Ni2+, and Cu2+ from aqueous solution
Ali Rahmatpour-Liasi, AMIRHOSEIN ALIZADEHESARSORKH
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Vol.266, pp. 131394-131402, 2024

■ An all-biopolymer self-assembling hydrogel film consisting of chitosan and carboxymethyl guar gum: A novel bio-based composite adsorbent for Cu2+ adsorption from aqueous solution
Ali Rahmatpour-Liasi, Naser Alijani talabani
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Vol.242, 2023

■ Use of a cross-linked polystyrene/titanium tetrachloride tightly bound coordination complex as catalyst for the production of petroleum resins
Ali Rahmatpour-Liasi, Parvaneh Soleimani, Soroush Karamian, Razieh Dadvand
Reaction Chemistry & Engineering, Vol.8, pp. 1583-1597, 2023

■ Preparation of chitosan-based ternary nanocomposite hydrogel film by loading graphene oxide nanosheets as adsorbent for enhanced methylene blue dye removal
Ali Rahmatpour-Liasi, Naser Alijani talabani, AMIRHOSEIN ALIZADEHESARSORKH
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Vol.253, pp. 126585-126603, 2023

■ Supramolecular self-assembling hydrogel film based on a polymer blend of chitosan/partially hydrolyzed polyacrylamide for removing cationic dye from water
Ali Rahmatpour-Liasi, Naser Alijani talabani, Ahmad Mirkani
REACTIVE and FUNCTIONAL POLYMERS, Vol.185, 2023

■ Occurrence, identification, and discharge of microplastics from effluent and sludge of the largest WWTP in IranSouth of Tehran
Niousha Oveisy, Mohammad Rafiee, Ali Rahmatpour-Liasi, Ali Shahidi Nejad, Marjan Hashemi, Akbar Eslami
WATER ENVIRONMENT RESEARCH, Vol.94, pp. 1-15, 2022

■ Titanium tetrachloride immobilized on cross-linked poly(N-vinyl-2-pyrrolidone) as a recyclable heterogeneous catalyst for one-pot three component synthesis of 3, 4-dihydropyrimidin-2(1H)-ones/thiones
Ali Rahmatpour-Liasi, Ghazale Donyapeyma
SYNTHETIC COMMUNICATIONS, Vol.52, pp. 678-693, 2022

■ Noncross-linked polystyrene nanoencapsulation of ferric chloride: A novel and reusable heterogeneous macromolecular Lewis acid catalyst toward selective acetylation of alcohols, phenols, amines, and thiols
Ali Rahmatpour-Liasi, Sara Alinejad, Ghazale Donyapeyma
JOURNAL OF ORGANOMETALLIC CHEMISTRY, Vol.961, 2022

■ Chemoselective tetrahydropyranylation of alcohols and phenols using nanoencapsulated FeCl₃ in linear polystyrene as a recoverable and reusable polymer-supported catalyst
Ali Rahmatpour-Liasi, Naser Alijani talabani
SYNTHETIC COMMUNICATIONS, Vol.52, pp. 1397-1411, 2022

■ A Novel Nanoencapsulated Zirconium(IV) Chloride Using Non-cross-linked Polystyrene as a Recyclable Lewis Acid Catalyst: Synthesis, Characterization, and Performance Towards Acylation of Alcohols and Phenols
Ali Rahmatpour-Liasi, Sara Alinejad

CATALYSIS LETTERS, Vol.., pp. 1-14, 2022

■ Eco-friendly poly(vinyl alcohol)/partially hydrolyzed polyacrylamide/graphene oxide semi-IPN nanocomposite hydrogel as a reusable and efficient adsorbent of cationic dye methylene blue from water
Ali Rahmatpour-Liasi, Parvaneh Solimani, Ahmad Mirkani
REACTIVE and FUNCTIONAL POLYMERS, Vol.175, 2022

■ Poly(N ?vinyl?2?pyrrolidone)?supported ferric chloride: An effective reusable heterogeneous catalyst for one?pot synthesis of 3,4?dihydropyrimidin?2(<scp> 1 H </scp>)?ones/thiones via three?compo
Ali Rahmatpour-Liasi, Ghazale Donyapeyma
JOURNAL OF HETEROCYCLIC CHEMISTRY, Vol.59, pp. 997-1006, 2022

■ A technical-economic analysis and environmental impact assessment of power recovery at a city gate station: a case study
Ali Rahmatpour-Liasi, Mohammad Javad Shaibani
Energy Sources Part A-Recovery Utilization and Environmental Effects, Vol.., pp. 1-16, 2021

■ Cross?linked poly(N ?vinylpyrrolidone)?titanium tetrachloride complex: A novel stable solid TiCl 4 equivalent as a recyclable polymeric Lewis acid catalyst for regioselective ring?opening alcoholysis of epoxides
Ali Rahmatpour-Liasi, Seyed mehrzad Sajjadi nezhad
APPLIED ORGANOMETALLIC CHEMISTRY, Vol.35, 2021

■ Large-Scale Production of C 9 Aromatic Hydrocarbon Resin from the Cracked-Petroleum-Derived C 9 Fraction: Chemistry, Scalability, and Techno-economic Analysis
Ali Rahmatpour-Liasi, Mehdi Ghasemi Meymandi
ORGANIC PROCESS RESEARCH and DEVELOPMENT, Vol.25, pp. 120-135, 2021

■ MBA-cross-linked poly(N-vinyl-2-pyrrolidone)/ferric chloride macromolecular coordination complex as a novel and recyclable Lewis acid catalyst: Synthesis, characterization, and performance toward for regioselective ring-opening alcoholysis of epoxides
Ali Rahmatpour-Liasi, Maryam Zamani
REACTIVE and FUNCTIONAL POLYMERS, Vol.168, 2021

■ Regioselective synthesis of di-aromatic ring-fused 2,8-dioxa/dithia bicyclo[3,3,1]nonane derivatives via recyclable polymeric Br?nsted acid-catalyzed one-pot tandem formation of multiple chemical C-C/C-O and C-C/C-S bonds
Ali Rahmatpour-Liasi, Seyed mehrzad Sajjadi nezhad, Ahmad Mirkani, Behrouz Notash
TETRAHEDRON, Vol.95, 2021

■ Synthesis and characterization of novel semi-IPN nanocomposite hydrogels based on guar gum, partially hydrolyzed poly(acrylamide), and pristine montmorillonite
Ali Rahmatpour-Liasi, Parvaneh Solimani
POLYMER BULLETIN, Vol.78, pp. 5923-5952, 2021

■ Techno-economic evaluation of titanium catalyst production cycle from ilmenite purer (a case study at Kahnooj mine in Iran)
Ali Rahmatpour-Liasi, Mehdi Ghasemi Meymandi
CHEMICAL ENGINEERING SCIENCE, Vol.216, pp. 115489-115510, 2020

■ Regioselective condensation of hydroxyaromatic compounds with 2,5-dimethoxytetrahydrofuran, facile one-pot synthesis of new substituted diaryl-fused 2,8-dioxabicyclo nonanes comprising central ketal moieties
Ali Rahmatpour-Liasi
NEW JOURNAL OF CHEMISTRY, Vol.44, pp. 4834-4841, 2020

■ Titanium tetrachloride incorporated crosslinked polystyrene copolymer as an efficient and recyclable polymeric Lewis acid catalyst for the synthesis of B-amino carbonyl compounds at room temperature
Ali Rahmatpour-Liasi, REZA EIMEN, Nilofar Godarzi
SYNTHETIC COMMUNICATIONS, Vol.49, pp. 2915-2930, 2019

■ Cross-linked polystyrene-TiCl4 complex as a reusable Lewis acid catalyst for solvent-free Knoevenagel condensations of 1,3-dicarbonyl compounds with aldehydes
Ali Rahmatpour-Liasi, Nilofar Godarzi

CATALYSIS COMMUNICATIONS, Vol.124, pp. 24-31, 2019

■ Cross-linked polystyrene/titanium tetrachloride as a tightly bound complex catalyzed the modified Mannich reaction for the synthesis of piperidin-4-ones
Ali Rahmatpour-Liasi, REZA EIMEN, Ghazalalsadat Amini
JOURNAL OF ORGANOMETALLIC CHEMISTRY, Vol.892, pp. 24-33, 2019

■ New thermally stable condensation polymers containing central ketal moieties derived from malonaldehydetetramethyl acetal and dihydroxyaromatic compounds
Ali Rahmatpour-Liasi, Nilofar Godarzi
Journal of Macromolecular Science Part A-Pure and Applied Chemistry, Vol.55, pp. 631-641, 2018

■ A novel route for synthesis of cross-linked polystyrene copolymer beads with tunable porosity using guar and xanthan gums from bioresources as alternative synthetic suspension stabilizers
Ali Rahmatpour-Liasi, Nilofar Godarzi, Maryam Moazez Arbat Sofla
DESIGNED MONOMERS AND POLYMERS, Vol.21, pp. 116-129, 2018

■ Techno-economic assessment of gas pressure-based electricity generation (A case study of Iran)
Ali Rahmatpour-Liasi, Mohamad Javad Sheibani
Energy Sources Part A-Recovery Utilization and Environmental Effects, Vol.40, pp. 2236-2247, 2018

■ Polystyrene-Gallium Trichloride Complex A Mild Highly Efficient and Recyclable Polymeric Lewis acid Catalyst for Chemoselective Silylation of Alcohols and Phenols with Hexamethyldisilazane.
Ali Rahmatpour-Liasi, ,
HETEROATOM CHEMISTRY, Vol.24, pp. 443-451, 2014

■ Polystyrene-supported GaCl3 as a highly efficient and reusable heterogeneous Lewis acid catalyst for the three-component synthesis of benzoxanthene derivative
Ali Rahmatpour-Liasi
MONATSHEFTE FUR CHEMIE, Vol.144, pp. 1205-1212, 2013

■ An environmentally friendly chemoselective and efficient protocol for the preparation of coumarin derivatives by Pechman condensation reaction using new and reusable heterogeneous Lewis acid catalyst polystyrene-supported GaCl3
Ali Rahmatpour-Liasi,
COMPTES RENDUS CHIMIE, Vol.16, pp. 271-278, 2013

■ Polystyrene-supported TiCl4 as a novel efficient and reusable polymeric Lewis acid catalyst for the chemoselective synthesis and deprotection of 1 1-diacetates under eco-friendly conditions
Ali Rahmatpour-Liasi,
COMPTES RENDUS CHIMIE, Vol.16, pp. 912-919, 2013

■ Gelation Rheology and Water Absorption Behavior of Semi-Interpenetrating Polymer Networks of Polyacrylamide an d Carboxymethyl Cellulose
, , Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.52, pp. 604-613, 2012

■ Polyvinylsulfonic Acid An Efficient Water-Soluble and Reusable Br nsted Acid Catalyst for the Three-Component Synthesis of 3 4-Dihydropyrimidin-2(1H)-ones/thiones in Water and Ethanol
Ali Rahmatpour-Liasi
CATALYSIS LETTERS, Vol.142, pp. 1505-1511, 2012

■ Polystyrene-supported GaCl3 A new highly efficient and recyclable heterogeneous Lewis acid catalyst for acetylation and benzoylation of alcohols and phenols
Ali Rahmatpour-Liasi
COMPTES RENDUS CHIMIE, Vol.15, pp. 1048-1054, 2012

■ Polyvinylsulfonic acid an efficient water-soluble and reusable Br nsted acid catalyst for the three-component synthesis of 3 4-dihydropyrimidin-2(1H)-ones /thiones in water and ethanol.
Ali Rahmatpour-Liasi
CATALYSIS LETTERS, Vol.142, pp. 1505-1511, 2012

■ Polystyrene-supported GaCl3 A new highly efficient and recyclable heterogeneous Lewis acid catalyst for tetrahydropyranylation of alcohols and phenols
Ali Rahmatpour-Liasi
POLYHEDRON, Vol.44, pp. 66-71, 2012

■ Pure and mixed gas CH4 and n-C4H10 permeation in PDMS-fumed silica nanocomposite membranes
, , Ali Rahmatpour-Liasi
CHEMICAL ENGINEERING JOURNAL, Vol.191, pp. 369-377, 2012

■ Xanthan sulfuric acid as an efficient green biodegradable and recyclable solid acid catalyst for one-pot synthesis of N-substituted pyrroles under solvent -free conditions at room temperature
Ali Rahmatpour-Liasi
MONATSHEFTE FUR CHEMIE, Vol.143, pp. 491-495, 2012

■ Polystyrene-Supported AlCl3 as a Highly Active and Reusable Heterogeneous Lewis Acid Catalyst for the One-Pot Synthesis of Quinoxalines
Ali Rahmatpour-Liasi
HETEROATOM CHEMISTRY, Vol.23, pp. 472-477, 2012

■ Polystyrene-supported GaCl3 as a highly efficient and recyclable heterogeneous Lewis acid catalyst for one-pot synthesis of N-substituted pyrroles
Ali Rahmatpour-Liasi
JOURNAL OF ORGANOMETALLIC CHEMISTRY, Vol.712, pp. 15-19, 2012

■ -supported GaCl3 A new highly efficient and recyclable heterogeneous Lewis acid catalyst for tetrahydropyranylation of alcohols and phenols
Ali Rahmatpour-Liasi
POLYHEDRON, Vol.44, pp. 66-71, 2012

■ Synthesis and characterization of novel aromatic polyesters based on 8 16- methano-16H dinaphtho 2 1-d 1 2 -g 1 3 dioxocin 2 14-diol
Ali Rahmatpour-Liasi
JOURNAL OF POLYMER RESEARCH, Vol.18, pp. 1813-1819, 2011

■ Polyvinylsulfonic acid as a novel efficient and recyclable Br nsted acid catalyst for one-pot synthesis of 14-aryl or alkyl-14H-benzo a j xanthenes in water
Ali Rahmatpour-Liasi
MONATSHEFTE FUR CHEMIE, Vol.142, pp. 1259-1264, 2011

■ Preparation and rheological properties of functionalized multiwalled carbon nanotube/waterborne polyurethane nanocomposites
Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.50, pp. 1846-1854, 2011

■ Synthesis and characterization of new aliphatic polyesters containing dihydronaphtha furo 3 2-d furan moiety
Ali Rahmatpour-Liasi
HIGH PERFORMANCE POLYMERS, Vol.23, pp. 28-33, 2011

■ Cellulose sulfuric acid as a biodegradeable and recoverable solid acid catalyst for one-pot synthesis of substituted pyrroles under solvent-free conditions at room temperature
Ali Rahmatpour-Liasi
REACTIVE and FUNCTIONAL POLYMERS, Vol.71, pp. 80-83, 2011

■ ZrOCl2.8H2O as a highly efficient eco-friendly and recyclable Lewis acid catalyst for one-pot synthesis of N-substituted pyrroles under solvent-free conditions at room temperature
Ali Rahmatpour-Liasi
APPLIED ORGANOMETALLIC CHEMISTRY, Vol.25, pp. 585-590, 2011

■ Permeability solubility and diffusivity of methane and butane in diphenylsiloxane-dimethylsiloxane copolymer membranes.

Ali Rahmatpour-Liasi, ,
Journal of Macromolecular Science Part B-Physics, Vol.50, pp. 2376-2385, 2011

■ Polystyrene-supported aluminum chloride An efficient and recyclable green catalyst for one-pot synthesis of 14-aryl or alkyl-14H-dibenzo a j xanthenes
Ali Rahmatpour-Liasi
HETEROATOM CHEMISTRY, Vol.51, pp. 51-56, 2011

■ One-pot synthesis of N-substituted pyrroles catalyzed by polystyrene-supported aluminum chloride as a reusable heterogeneous Lewis acid catalyst
Ali Rahmatpour-Liasi
HETEROCERA SUMATRANA, Vol.22, pp. 85-90, 2011

■ Synthesis of benzofuro 2 3-b benzofuran type compounds from condensation of
Ali Rahmatpour-Liasi
JOURNAL OF HETEROCYCLIC CHEMISTRY, Vol.47, pp. 1011-1016, 2010

■ Synthesis and characterization of new aliphatic polyesters containing methano-dinaphtho 1 3 dioxocin part
Ali Rahmatpour-Liasi
JOURNAL OF APPLIED POLYMER SCIENCE, Vol.120, pp. 3357-3363, 2010

■ One-pot synthesis of novel ladder type condensation polymers via condensation reactions of dihydroxyaromatic compounds and 2 5-dimethoxytetrahydrofuran
Ali Rahmatpour-Liasi
REACTIVE and FUNCTIONAL POLYMERS, Vol.70, pp. 923-929, 2010

■ waste water treatment using ultrafiltration
Ali Rahmatpour-Liasi,
Desalination and Water Treatment, Vol.6, pp. 289-297, 2009

■ Rheological and swelling behavior of semi-interpenetrating networks of polyacrylamide and scleroglucan
Ali Rahmatpour-Liasi,
POLYMERS FOR ADVANCED TECHNOLOGIES, Vol.20, pp. 1102-1106, 2009

■ Effect of montmorillonite on gelation and swelling behavior of sulfonated polyacrylamide nanocomposite hydrogel in electrolyte solutions
Ali Rahmatpour-Liasi,
Eur. Polym. J., Vol.44, pp. 2024-2030, 2008

■ Structure and mechanical properties of 50/50 NR/SBR blend/pristine clay nanocomposites
Ali Rahmatpour-Liasi
Journal of Macromolecular Science Part B-Physics, Vol.47, pp. 1-9, 2008

■ Preparation and swelling Behavior of partially Hydrolyzed polyacrylamide Nanocomposite Hydrogels in Electrolyte Solutions
Ali Rahmatpour-Liasi
Journal of Macromolecular Science Part B-Physics, Vol.47, pp. 98-106, 2008

■ Gelation and swelling behavior of semi-interpenetrating polymer network hydrogels based on polyacrylamide and poly(vinyl alcohol).
Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.47, pp. 1017-1025, 2008

■ Preparation and evaluation of the microstructure and properties of natural rubber/sodium montmorrilonite nanocomposites
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.17, pp. 519-525, 2008

■ Preparation and properties of epoxy-clay nanocomposites
Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.47, pp. 1-9, 2008

■ Steady shear rheological behavior mechanical properties and morphology of the polypropylene/CNT nanocomposites
Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.47, pp. 929-937, 2008

■ Effect of carboxylic acid monomer type on the emulsifier-free emulsion copolymerization of styrene and butadiene
Ali Rahmatpour-Liasi
JOURNAL OF APPLIED POLYMER SCIENCE, pp. 106-110, 2007

■ Structure and properties of styrene-butadiene rubber/ pristine clay nanocomposites prepared by latex compounding method
Ali Rahmatpour-Liasi
E-POLYMERS, pp. 74-80, 2007

■ Structure and mechanical properties of carboxylated styrene-butadiene rubber (XSBR)/pristine clay nanocomposites
Ali Rahmatpour-Liasi
E-POLYMERS, pp. 151-158, 2007

■ Preparation and Characterization of LDPE/CNT Nanocomposites
Ali Rahmatpour-Liasi
Journal of Macromolecular Science Part B-Physics, Vol.46, pp. 877-885, 2007

■ Preparation and Evaluation of the Morphology Flammability and Mechanical Properties of the ABS/PVC Blends
Ali Rahmatpour-Liasi,
Journal of Macromolecular Science Part B-Physics, Vol.46, pp. 1023-1031, 2007

■ Study on steady shear morphology and mechanical properties nanocomposites based on PA6
Ali Rahmatpour-Liasi
Journal of Macromolecular Science Part B-Physics, Vol.46, pp. 1-12, 2007

■ The thermal stability and thermal degradation of blends of High impact polystyrene (HIPS) and polyphenylene ether (PPO
Ali Rahmatpour-Liasi
E-POLYMERS, Vol.24, pp. 123-131, 2006

■ Rheological behavior of compatibilized high impact polystyrene/high density polyethylene blends
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.17, pp. 1-7, 2004

■ First synthesis of propano-dibenzo 1 3 dioxocin type compounds from condensation of p-substituted phenol derivatives with glutaraldehyde in trifluoroacetic acid
Ali Rahmatpour-Liasi
J. Chem.Research(s), pp. 114-117, 2002

■ First synthesis of 1 1 4 4 -tetrakis (2-hydroxy-phenyl) butane type compounds from condensation of p-substituted phenol derivatives with 2 5-dimethoxytetrahydrofuran in trifluoroacetic acid
Ali Rahmatpour-Liasi
J. Chem.Research(s), pp. 390-393, 1999

■ Efficient condensation of p-substituted phenols p-thiocresol and 2 7-dihydroxy naphthalene with malonaldehydetetramethyl acetal in trifluoroacetic acid
Ali Rahmatpour-Liasi
TETRAHEDRON, Vol.55, pp. 7272-7277, 1999

■ Electropolymerization of disymmetric diheteroaryl ethylenic containing N-methyl pyrrole pyrrole and thiophene
Ali Rahmatpour-Liasi
Eur. Polym. J., Vol.34, pp. 871-876, 1998

■ From Living to Immortal Polymerization
Ali Rahmatpour-Liasi

Iranian Polymer Journal, Vol.11, pp. 119-126, 1998

■ A new conceptualization in relation to Ionic polymerization
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.10, pp. 121-129, 1997

■ Electropolymerization of disymmetric diheteroaryl with ethylenic spacer containing N-methyl pyrrole pyrrole thiohene and furan units
Ali Rahmatpour-Liasi
POLYMER JOURNAL, Vol.14, pp. 91-97, 1997

■ Application of Living Metathesis Polymerization in the Synthesis of well Defined Polym
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.9, pp. 109-115, 1996

■ Living Polymeric Systems Design and Applications (part 1)
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.8, pp. 46-53, 1995

■ Living Polymeric Systems Design and Applications (part 2)
Ali Rahmatpour-Liasi
Iranian Polymer Journal, Vol.8, pp. 127-136, 1995

مقالات علمی ارائه شده در همایش‌ها

■ Novel Self-Assembling Nanocomposite Hydrogel Based on Xanthangum. SiO 2 Nanoparticles /Chitosan for Removing Anionic Dye from water
AMIRHOSEIN ALIZADEHESARSORKH, Ali Rahmatpour-Liasi
9th International Congress on Nanoscience & Nanotechnology, pp.1-1

■ Preparation of Novel Semi-IPN Nanocomposite Hydrogel fromPoly(vinyl alcohol)/Partially Hydrolyzed Polyacrylamide/GrapheneOxide for Efficient Adsorption of Cationic Dye Methylene Blue
AMIRHOSEIN ALIZADEHESARSORKH, Parvaneh Soleimani, Ali Rahmatpour-Liasi
9th International Congress on Nanoscience & Nanotechnology, pp.2-2

■ Production of petroleum resins from pyrolysis gasoline distillate using cross-linked polystyrene supported Titanium tetrachloride
Ali Rahmatpour-Liasi, Ahmad Mirkani, soroush karamian, Razieh Dadvand
4th International Biennial Oil, Gas, and Petrochemical Conference|OGPC|, pp.1-12

■ Various co-polymers of MBA-poly(N-vinyl-2-pyrrolidone) macromolecularmacromolecularcoordination complex as a novel and recyclable Lewis acid catalyst: synthesis, characterization,and performance towards well-know organic reaction
Ahmad Mirkani, Seyed mehrzad Sajjadi nezhad, Naser Alijani talabani, Ali Rahmatpour-Liasi
15th international seminar on polymer science and technology (ISPST 2022), pp.4-6

■ semi-IPN nanocomposite hydrogel based on partiallyhydrolyzed polyacrylamide/graphene oxide: preparation, swelling properties and adsorption studies of cationicmethylene blue dye from water
Ahmad Mirkani, Naser Alijani talabani, Ali Rahmatpour-Liasi
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■ Preparation and characterization of semi-IPN magnetic nanocomposite hydrogels based on partially hydrolyzed polyacrylamide/guar gum/
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■ preparation and study of swelling behavior of polyacrylamide-based hydrogels for enhancement oil recovery (EOR)
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19th Iranian Chemistry Congress, pp.2-4

■ Petrochemicals Challenges/ Solutions - Petrochemical Value Chain
Ali Rahmatpour-Liasi
Thr first conference on the development of science and chemical industry, pp.1-6

■ preparation and swelling behavior of novel semi-interpenetrating polymer networks of polyacylamide and carboxymethylcellulose/PASC for EOR
Ali Rahmatpour-Liasi, ,
The 9 th International Chemical Engineering Congress Exhibition, pp.1-5

■ preparation and swelling behavior of semi-interpenetrating polymer networks of polyacrylamide and scleroglucan for enhanced oil recovery (EOR)
Ali Rahmatpour-Liasi
3rd International Conference on Oil Gas and Petrochemical, pp.1-8

■ preparation and characterization of potato starch–graft–polyacrylamide copolymers and their application as filtration control agents in eco–friendly water–based drilling fluid
علی رحمت پور لیاسی
دومین کنگره ملی صنعت حفاری ایران، صفحات: ۱ – ۱

■ preparation of polydimethylsiloxane PDMS) – fumed silica nanocomposite membranes and gas permeation studies
علی رحمت پور لیاسی، قادر خانبابایی، ابراهیم واشقانی
پانزدهمین کنگره ملی مهندسی شیمی ایران، صفحات: ۱ – ۱

■ Cross–linked polystyrene– GaCl۳ complex An efficient and recyclable heterogeneous Lewis acid catalyst for conversion of aldehydes to ۱ ۱–diacetates with acetic anhydride
علی رحمت پور لیاسی
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■ سنتز، شناسایی و بررسی خواص هیدروژلهای نانوکامپوزیتی نیمه درهم تنیده جدید بر پایه پلی اکریل آمید / گوار گام
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■ تهیه و شناسائی کامپوزیت پلی وینیل کلراید / نانوذره کلی عامل دارشده با کیتوسان و ارزیابی خواص آن جهت مصارف پزشکی
پروین وفائیان
۱۳۹۹

■ تهیه، شناسایی و به کارگیری کاتالیست های هتروژن بر پایه پلی وینیل پایرولیدون و پلی وینیل پیریدین
مریم زمانی
۱۳۹۹

■ سنتز و شناسایی و مونومرهای ترکیبات مدل از واکنش مشتقات فنول و نفتول با دی آلدئیدهای محافظت شده به روش هتروژن
پوریا اصلانی پشتهانی
۱۳۹۹

■ سنتز، شناسایی و ارزیابی خواص نانوکامپوزیت های ترموست برپایه رزین پلی استر

روح اله بصیرتی
۱۳۹۹

■ ارزیابی فنی و اقتصادی استفاده از کاتالیست های جدید در فرایند بازیابی گوگرد و حذف آلاینده های زیست محیطی پالایشگاه های گاز
محمدرضا ذاکر
۱۳۹۸

■ به جای سوخت دیزل در ناوگان دریایی LNG ارزیابی فنی و اقتصادی جایگزینی سوخت
امیر رهرو
۱۳۹۸

طراحی سنتز و شناسایی هیدروژل های نانو کامپوزیتی و نانو مغناطیسی بر پایه پلیمرهای طبیعی دارای قدرت جذب آب بالا و مقاوم حرارتی،
■ (مکانیکی و نمکی(با هدف ازدیاد برداشت نفت از مخازن و بهبود ضریب باز یافت
رضا ایمن نصراله آبادی
۱۳۹۸

■ اکساید–N سنتز، شناسایی و به کارگیری کاتالیست های هتروژن بر پایه پلی وینیل پایرولیدون و پلی ۴– وینیل پیریدین
غزل السادات امینی
۱۳۹۸

سنتز و شناسایی و ارزیابی خواص و تست به کارگیری انواع جدید کاتالیست های هتروژن بر پایه پلی استایرن، پلی وینیل پیرولیدون و پلی
■ اکسید – N – وینیل پیریدین
محمد احمدی
۱۳۹۷

■ به منظور تامین خوراک مورد نیاز مجتمع های پتروشیمی (PDH)امکان سنجی و ارزیابی اقتصادی فرایند تبدیل گاز پروپان به پروپیلن
مجتبی بیگدلی
۱۳۹۷

با به کارگیری کاتالیست های هوموژن و هتروژن ۲– تهیه و بررسی خواص Cs تهیه و بررسی خواص رزین های هیدروکربنی از خوراک –۱
■ هیدروژل های نانو کامپوزیتی ۳– تهیه و بررسی خواص پلی مرهای پایدار حرارتی از مالونالدئید
نیلوفر گودرزی
۱۳۹۷

■ تجزیه و تحلیل کارایی اقتصادی تولید پروپیلن در مجتمع های پتروشیمی کشور باتمرکز بر تاثیر خوراک
بهار علی اوغلی
۱۳۹۶

برپایه کاتالیست تیتانیوم در پالایشگاه های گاز (claus process) انجام مطالعات و ارزیابی فنی و اقتصادی فرآیند بازیافت گوگرد عنصری
■
مهدی قاسمی میمندی
۱۳۹۶

■ (ارزیابی فنی و اقتصادی تولید الکتریسیته بااستفاده از فشار گاز موجود در خطوط لوله (مطالعه موردی در یکی از خطوط لوله اصلی گاز
محمدجواد شیبانی
۱۳۹۶

حاوی الفین واحد کراکینگ بخار پتروشیمی (برش های پنج(PG)امکان سنجی و ارزیابی اقتصادی کاربری مناسب محصول جانبی بنزین پیرولیز
■ (کربن به بالا
بهمن حسنوند
۱۳۹۵

■ . تهیه و شناسایی کاتالیست های هتروژن بر پایه پلی استایرن دارای اتصالات عرضی از مواد اولیه پتروشیمی در ایران
مریم معزز اربط سفلی
۱۳۹۴

■ تهیه و بررسی خواص رزین پلیمری نفتی(هیدروکربنی) از محصول جانبی بنزین پیرولیز مایع واحد الفین پتروشیمی
آزاده صابری
۱۳۹۴

اختراعات و اکتشافات

■ Modified Polyacrylamide Hydrogel
, , Ali Rahmatpour-Liasi

■ تولید رزین نفتی هیدروکربنی از محصول جانبی و ضایعات حاوی الفین واحد کراکینگ بخار مجتمع های پتروشیم
علی رحمت پور لیاسی، سروش کرمیان، راضیه دادوند

■ فرایند بهبود رفتار تورم و پایداری ژلهای پلی اکریل امید در محیط های الکترولیتی
جمال اعلایی، علی رحمت پور لیاسی، ابراهیم واشقانی
۱۳۹۱