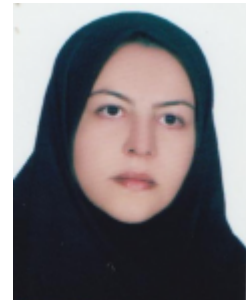


سارا سبحانی

استاد

دانشکده: علوم

گروه: شیمی



### سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۷۵	شیمی	شیراز
کارشناسی ارشد	۷۸	شیمی آلی	اصفهان
دکترای تخصصی	۸۴	شیمی آلی	شیراز

### اطلاعات استخدامی

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

### سوابق اجرایی

نماینده پژوهشی گروه شیمی  
عضو هیات ممیزه دانشگاه بیرجند  
عضو کمیته اخلاق دانشگاه بیرجند  
عضو شورای پژوهشی دانشگاه بیرجند

### جوایز و تقدیر نامه ها

پژوهشگر نمونه دانشگاه در سالهای ۸۸، ۹۰، ۹۲ و ۹۶ و ۹۸  
پژوهشگر نمونه استان خراسان جنوبی در سال ۹۰  
استاد نمونه دانشگاه در سالهای ۹۱ و ۹۸  
مجری طرح برتر صندوق حمایت از پژوهشگران

## عضویت در هیات تحریریه مجلات علمی و پژوهشی

1. Member of the Editorial Board of Chemistry Research, since ۲۰۱۸.
2. Member of the Editorial Board of the International Journal of New Chemistry, since ۲۰۱۹.

## عضویت در انجمن های علمی

عضو انجمن شیمی ایران

## مقالات در همایش ها

1. روح اله خانی , سارا سبحانی , فرزانه چهاردهی , Synthesis and application of hydrophilic 2-aminothiophenol magnetic nanoadsorbent for the preconcentration and determination of phenol, سومین کنگره ملی شیمی و نانوشیمی از پژوهش تا فناوری , تهران, pp. 0-0, 26 08 2020.
2. روح اله خانی , فرزانه چهاردهی , سارا سبحانی , Magnetic dispersive micro solid phase extraction, based on 2-aminothiophenol as nanoadsorbent for quantification of 2, 4-dinitrophenol, بیست و ششمین کنفرانس شیمی تجزیه انجمن شیمی ایران, سمنان, pp. 0-0, 25 08 2019.
3. سارا سبحانی , رویا جهانشاهی , اسماء خزائی , Designing a new magnetically separable Pd-TiO<sub>2</sub>-CN, photocatalyst for facile visible light-driven coupling reactions at room temperature, دومین کنفرانس کاتالیست علمی شیمی ایران, تهران, pp. 0-0, 19 02 2020.
4. سارا سبحانی , & رویا جهانشاهی , High Performance Magnetically Separable TiO<sub>2</sub>-CN, Nanocomposite with Enhanced Photocatalytic Activity towards the Cefixime Trihydrate Degradation under Visible Light Irradiation, دومین کنفرانس کاتالیست علمی شیمی ایران, تهران, pp. 0-0, 19 02 2020.
5. سارا سبحانی , & فرهاد عمرزهی چاه کمالی , Suzuki-cross-coupling reactions catalyzed by a new, water dispersible Pd-NHC catalyst, بیست و هفتمین کنفرانس شیمی آلی ایران, ارومیه, pp. 0-0, 08 2019.
6. سارا سبحانی , مجید روزی فر , علیرضا فرخی لاشیدانی , Cobalt Complex of Metal-Organic Framework, as an Efficient Visible-Light Photocatalyst for Oxidation of Alcohols, بیست و هفتمین کنفرانس شیمی آلی ایران, ارومیه, pp. 0-0, 21 08 2019.
7. سارا سبحانی , زینب طالبی , زهره زراعتکار , A new Schiff base complex of aminoguanidin established, on  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> for the synthesis of hexahydroquinolins, بیست و ششمین سمینار شیمی آلی انجمن شیمی ایران, زابل, pp. 0-0, 12 03 2019.
8. سارا سبحانی , & حدیث حسینی مقدم , A New Nanomagnetic Cobalt Catalyst for Copper-free, Sonogashira Coupling Reaction in Water at Room Temperature, بیست و ششمین سمینار شیمی آلی انجمن شیمی ایران, زابل, pp. 0-0, 12 03 2019.
9. سارا سبحانی , & اعظم حبیب الهی , Application of hydrophilic palladium complex in Cyanation, reactions, بیست و ششمین سمینار شیمی آلی انجمن شیمی ایران, زابل, pp. 0-0, 12 03 2019.
10. سارا سبحانی , فرزانه ظریفی , کمپلکس پالادیوم ایزاتین-شیف باز تثبیت شده بر روی نانوذرات مغناطیسی به عنوان کاتالیزور قابل بازیافت برای واکنش سونوگاشیرا, نخستین سمینار شیمی کاربردی ایران, ۱۳۹۵/۰۶/۰۱ - ۱۳۹۵/۰۶/۰۲.
11. سارا سبحانی , زهره زراعتکار , فهیمه سعیدی, سنتز آلکین های استخلاف دار با استفاده از واکنش سونوگاشیرا در حضور کمپلکس پالادیوم ۲-آمینو تایوفنول تثبیت شده بر روی Fe<sub>2</sub>O<sub>3</sub>, نخستین سمینار شیمی کاربردی

ایران، ۱۳۹۵/۰۶/۰۱ - ۱۳۹۵/۰۶/۰۲.

۱۲. سارا سبحانی، فرزانه ظریفی، لانتان تری فلایت تثبیت شده بر روی نانوذرات مغناطیسی به عنوان یک کاتالیزور ناهمگن اسید لویس برای سنتز N-آریل فسفرآمیدات ها، نخستین سمینار شیمی کاربردی ایران، ۱۳۹۵/۰۶/۰۱ - ۱۳۹۵/۰۶/۰۲.
۱۳. سارا سبحانی، زهرا مصباح فلاطونی، سنتز آلفاآمینوفسفونیت با استفاده از نانوذرات مغناطیسی  $\text{Fe}_2\text{O}_3$  - عامل دار شده با فسفریک اسید، اولین همایش و کارگاه تخصصی علوم و فناوری نانو، ۱۳۹۲/۰۲/۲۶ - ۱۳۹۲/۰۲/۲۷.
14. Asma Khazaee, Catalytic reduction of aromatic nitro compounds by copper-schiff base complex immobilized covalently on magnetic nanoparticles as a new, efficient and recyclable, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
15. Azam Habibollahi, Synthesis of hydrophilic palladium complex immobilized on nano magnetic support and its catalytic activity in coupling reactions, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
16. A novel hydrophilic heterogeneous cobalt catalyst for the Heck, Suzuki and Hiyama coupling reactions in neat water, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
17. A novel bifunctional heterogeneous catalyst for one-pot reduction-acetylation reaction in water, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
18. Azam Habibollahi, Synthesis of hydrophilic palladium complex immobilized on nano magnetic support and its catalytic activity in coupling reactions, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
19. Toktam Yari, A hydrophobic heterogeneous acid catalyst for the the one-pot multi-component synthesis of hexahydroquinolines, اولین کنفرانس کاتالیست ایران، 2018/09/01 - 2018/09/02.
20. Farzaneh Zarifi, Immobilized Lanthanum (III) triflate on graphene oxide as a novel multifunctional heterogeneous catalyst for a tandem reaction, نوزدهمین کنگره شیمی ایران، 2017/02/20 - 2017/02/23.
21. Fateme Khakzad, Synthesis of a new hydrophilic copper complex supported on  $\text{-Fe}_2\text{O}_3$ , The 24th Iranian seminar of organic chemistry, 2016/08/24 - 2016/08/26.
22. Fateme Khakzad, Hydrophobic  $\text{Cu(II)}$  complex as a new catalyst for the synthesis of  $\alpha$ -amino phosphonates, The 24th Iranian seminar of organic chemistry, 2016/08/24 - 2016/08/26.
23. Rouhollah Khani, Mahar Diana Hamid, Sina Davazdah Emami, A novel and efficient approach for synthesise of supported ionic liquid on  $\text{-Fe}_2\text{O}_3$  nanoparticles with a highly selective property for very fast removal of azo dyes, The 4th International Congress on Nanoscience Nanotechnology (ICNT 2016), 2016/02/06 - 2016/02/07.
24. Synthesis of N-arylphosphoramidates catalyzed by a new supported task specific ionic liquid on the surface of nanomagnetic iron oxide, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.
25. Zohre Ramezani, Palladium IsatinSchiff Base Complex Immobilized on  $\text{-Fe}_2\text{O}_3$  Nanoparticles, A Novel Magnetically Separable Catalyst for synthesis of arylphosphonates, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.
26. Zohre Ramezani, Synthesis of Palladium Imino-Pyridine Complex Immobilized on  $\text{-Fe}_2\text{O}_3$  Nanoparticles for Hirao Coupling Reactions, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.
27. Zahra Vahidi, Synthesis of Phosphonates by Using Bisiminopyridine-Palladium Complex Supported on Magnetic Nanoparticles as a Heterogeneous Catalyst, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.
28. Zohre Zeraatkar, Heck Reaction Catalyzed by Aminothiophenol-Palladium Complex Immobilized on Nanomagnetic  $\text{-Fe}_2\text{O}_3$  as a New and Reusable Catalyst, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.
29. Zohre Zeraatkar, Aminothiophenol-Palladium Complex Immobilized on Nanomagnetic  $\text{-Fe}_2\text{O}_3$  as a New and Reusable Catalyst for the Synthesis of Aryl Phosphonates, هجدهمین کنگره شیمی ایران، 2015/08/30 - 2015/09/01.

- Farzaneh Zarifi ,Synthesis of iron oxide nanoparticles using ionic liquids ,17th Iranian , 30  
.Chemistry Congress Vali-e-Asr University ,2014/09/01 - 2014/09/03
- Zohre Zeraatkar ,Synthesis of a New Palladium Complex of Aminothiophenol Nanomagnetic , 31  
.-Fe<sub>2</sub>O<sub>3</sub> ,17th Iranian Chemistry Congress Vali-e-Asr University ,2014/09/01 - 2014/09/03
- Amin Delloei ,Nano -Fe<sub>2</sub>O<sub>3</sub>-Pyridine Based Catalyst as a New Magnetically Recyclable , 32  
Heterogeneous Organic Base for the Synthesis of Vinyl Phosphonates ,17th Iranian Chemistry  
.Congress Vali-e-Asr University ,2014/09/01 - 2014/09/03
- Samira Smaeilzadeh ,Synthesis of palladium-pyridine complex supported on -Fe<sub>2</sub>O<sub>3</sub> , 33  
magnetic nanoparticles as catalyst in C-C bond formation ,17th Iranian Chemistry Congress Vali-  
.e-Asr University ,2014/09/01 - 2014/09/03
- Fatemeh Naseri ,Task-Specific Ionic Liquid Immobilized on Fe<sub>3</sub>O<sub>4</sub> Nanoparticles A New , 34  
Magnetically Recyclable heterogeneous catalyst for one-pot three-component synthesis of Highly  
Substituted Pyridines ,17th Iranian Chemistry Congress Vali-e-Asr University ,2014/09/01 -  
.2014/09/03
- Zohre Zeraatkar ,Bis-Iminopyridine Palladium Complex Supported on -Fe<sub>2</sub>O<sub>3</sub> Magnetic , 35  
Nanoparticles as a New and Reusable Catalyst for Suzuki Reaction ,17th Iranian Chemistry  
.Congress Vali-e-Asr University ,2014/09/01 - 2014/09/03
- Farzaneh Zarifi ,Palladium-Isatin complex supported on -Fe<sub>2</sub>O<sub>3</sub> A novel and efficient , 36  
heterogeneous catalyst for solvent-free Mizoroki Heck reaction ,17th Iranian Chemistry Congress  
.Vali-e-Asr University ,2014/09/01 - 2014/09/03
- 37 .شازندهمین کنگره شیمی ایران  
دانشگاه یزد , 2013/09/07 - 2013/09/09
- 38 ., and, The synthesis of functionalized Fe<sub>2</sub>O<sub>3</sub> magnetic nanoparticles with piperidine and,  
piperazine ,شازندهمین کنگره شیمی ایران دانشگاه یزد , 2013/09/07 - 2013/09/09
- 39 ., The synthesis of palladium nanoparticles supported on Fe<sub>2</sub>O<sub>3</sub> Application as a catalyst for,  
solvent-free Mizoroki-Heck reaction ,شازندهمین کنگره شیمی ایران دانشگاه یزد , 2013/09/07 -  
.2013/09/09
- 40 ., Zahra Pakdin Parizi ,DABCO-palladium complex supported on Fe<sub>2</sub>O<sub>3</sub> magnetic ,  
nanoparticles as a new catalyst for C-C bond formation via solventless Heck reaction  
شازندهمین , 2013/09/07 - 2013/09/09
- 41 ., Zahra Pakdin Parizi ,lanthanum triflate supported in Fe<sub>2</sub>O<sub>3</sub> magnetic nanoperticles as a ,  
recyclable Lewis acid catalyst for the one-pot synthesis of phosphonomalonates  
شیمی ایران دانشگاه یزد , 2013/09/07 - 2013/09/09
- 42 ., Samaneh Khodadadi ,A Green Procedure for the Three-Component Synthesis of Highly ,  
Substituted Pyridines in water ,هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 43 ., Amin Delloei ,One-pot synthesis of indol-3-yl(alkanes)benzenamine in the presence of iron ,  
oxide nanoparticles ,هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 44 ., ROYA JAHANSHAH ,Synthesis of -phosphonomalonates catalyzed by iodine ,  
هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 45 ., Mahboobeh Bazrafshan ,Alkylation of 1 3-dicarbonyl compounds with benzylic and allylic ,  
alcohols using Al(OTf)<sub>3</sub> catalyst ,هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 46 ., Moones Honarmand ,One-pot multicomponent synthesis of highly substituted pyridines by ,  
using task-specific ionic liquid ,هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 47 ., Sulfonic Acid Supported on Magnetic Nanoparticles as Magnetically Recyclable ,  
Heterogeneous Catalyst for the Efficient Synthesis of Bis(pyrazolyl)methanes  
هجدهمین سمینار آلی ایران , 2012/03/07 - 2012/03/09
- 48 ., An Eco-Friendly Procedure for the Efficient Synthesis of (2-Amino-3-Cyano-4H-Chromene-4-,  
yl) Phosphonic Acid DialkylEsters in Water ,15 iranian chemistry congress/ 4-6 september 2011/  
.Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- 49 ., Zahra Pakdin Parizi ,Sulfonic Acid Supported on Magnetic Nanoparticles as Efficient ,

- Catalyst for the Synthesis of 2-Indolyl-1-Nitroalkanes ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Ammonium Triflate-Functionalized Silica as an Efficient Catalyst for Kabacknik-Fields, , .50 Reaction ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Nicotinium Dichromate (NDC) as an Efficient Oxidizing Agent for the Selective Conversion, , .51 of Amines to Carbonyl Compounds ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Sulfonic acid-functionalized multi-walled carbon nanotubes (MWCNTs-SO<sub>3</sub>H) as an, , .52 efficient catalyst for Michael addition of indoles to nitroalkenes ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- ZnCr<sub>2</sub>O<sub>7</sub>.3H<sub>2</sub>O/NH<sub>4</sub>SCN as a novel and efficient reagent for electrophilic thiocyanation of, , .53 aromatic and heteroaromatics compounds ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Synthesis of 2-Indolyl-1-Nitroalkanes in the Presence of Tetramethyl-Tetra- 3 4-, , .54 Pyridinoporphyrazinato Copper (II) Methyl Sulfate as an Efficient and Recyclable Catalyst ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Moones Honarmand ,Efficient Synthesis of 2-Amino-4H-Chromene Substituted with , .55 Phosphonic Acid Dialkyl Esters Catalyzed by Silica-Supported Ionic Liquid ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Moones Honarmand ,Task-Specific Ionic liquid as a Recyclable Catalyst for the Efficient , .56 Synthesis of -Phosphonomalonates ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- Sulfonic acid functionalized multi-walled carbon nanotubes (MWCNTs-SO<sub>3</sub>H) as an, , .57 efficient and recyclable catalyst for carbon-nitrogen bond formation ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- One-pot Tandem Knoevenagel-Michael Reaction of Aldehydes with 1-Phenyl-3-methyl-5-, , .58 pyrazolone Catalyzed by 2-Hydroxyethylammoniumacetate (2-HEAA) ,15 iranian chemistry congress/ 4-6 september 2011/ Bu- Ali Sina/ Hamedan ,2011/09/04 - 2011/09/06
- New method for the synthesis of fulfonic acid multi-walled carbon nanotubes (MWCNTs- .59 SO<sub>3</sub>H) as an efficient and recyclable catalyst for the silylation of alcohols phenols and -hydroxyphosphonates ,International congress of nanoscience and nanotechnology/ shiraz/ 2010/ 9-11 november ,2010/11/09 - 2010/11/11
- New methods for the synthesis of - and -functionalized phosphonates ,17 iranian seminar of .60 organic chemistry ,2010/10/13 - 2010/10/15
- Task-specific ionic liquid as catalyst for the efficient synthesis of (2-amino-3-cyano-4H- .61 chromene-4-yl) phosphonic acid dialkyl esters derivatives ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15
- A remarkably simple formylation reaction catalyzed by amine functionalized ordered .62 nanoporous silica ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15
- Direct reductive amination of aldehydes and ketones by NaBH<sub>4</sub> using MWCNTs-SO<sub>3</sub>H as .63 catalyst ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15
- Zahra Pakdin Parizi ,An eco-friendly procedure for the synthesis of 2- , .64 phosphonomethylmalononitriles ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15
- Mahdi Faal maleki ,3-Aminopropylated silica gel as an efficient catalyst for the reaction of , , .65 1-phenyl-3-methyl-5-pyrazolone with aldehydes ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15
- Mahdi Faal maleki ,3-Aminopropylated silica gel as an efficient and recyclable catalyst for , , .66

the synthesis of -phosphonomalonates ,17 iranian seminar of organic chemistry ,2010/10/13 - 2010/10/15

67. سارا سبحانی، زهره زراعتکار، فهیمه سعیدی ،Pd-2-ATP- Fe2O3 به عنوان یک کاتالیزور هتروژن مغناطیسی قابل بازیافت در واکنش جفت شدن سوزوکی ،نخستین سمینار شیمی کاربردی ایران ،1395/06/01 - 1395/06/02.

## مقالات در نشریات

1. سارا سبحانی ، رویا جهانشاهی ، خوزه میگوئیل سانسانو ، اسما خزائی، g-C3N4/□-Fe2O3/TiO2/Pd: A new magnetically separable photocatalyst for visible-light-driven fluoride-free Hiyama and Suzuki–Miyaura cross-coupling reactions at room temperature, *New Journal of Chemistry*, Vol. 27, No. 44, pp. 11513-11526, 2020, JCR.Scopus
2. Immobilized piperazine on the surface of graphene oxide as a heterogeneous bifunctional acid-base catalyst for the multicomponent synthesis of 2-amino-3-cyano-4H-chromenes, *green chemistry*, Vol. 14, No. 22, pp. 4604-4616, 2020, JCR.Scopus
3. محمد حسین صیادی اناری ، نجمه احمدپور ، سارا سبحانی ، محمود حاجیانی، Photocatalytic degradation of model pharmaceutical pollutant by novel magnetic TiO2@ZnFe2O4/Pd nanocomposite with enhanced photocatalytic activity and stability under solar light irradiation, *Journal of Environmental Management*, Vol. 19, No. 271, pp. 110964-110964, 2020, JCR.Scopus
4. محمد حسین صیادی اناری ، نجمه احمدپور ، سارا سبحانی ، محمود حاجیانی، A potential natural solar light active photocatalyst using magnetic ZnFe2O4@ TiO2/Cu nanocomposite as a high performance and recyclable platform for degradation of naproxen, *Journal of Cleaner Production*, Vol. 272, No. 272, pp. 122023-122023, 2020, JCR.Scopus
5. سارا سبحانی ، حدیث حسینی مقدم ، خوزه میگوئیل سانسانو، New Nanomagnetic Heterogeneous Cobalt Catalyst for the Synthesis of Aryl Nitriles and Biaryls, *Acs Omega*, Vol. 30, No. 5, pp. 18619-18627, 2020, JCR.Scopus
6. سارا سبحانی ، رویا جهانشاهی ، خوزه میگوئیل سانسانو، High Performance Magnetically Separable G-C3N4/□-Fe2O3/TiO2 Nanocomposite with Boosted Photocatalytic Capability towards the Cefixime Trihydrate Degradation under Visible-Light, *ChemistrySelect*, Vol. 5, No. 32, pp. 10114-10127, 2020, JCR
7. روح اله خانی ، تکتیم یاری ، سارا سبحانی، Magnetic dispersive micro solid-phase extraction of trace Rhodamine B using imino-pyridine immobilized on iron oxide as nanosorbent and optimization by Box–Behnken design, *Microchemical Journal*, No. 146, pp. 471-478, 2019, JCR.Scopus
8. محمد حسین صیادی اناری ، سارا سبحانی، Photocatalytic degradation of azithromycin using GO@Fe3O4/ ZnO/ SnO2 nanocomposites, *Journal of Cleaner Production*, Vol. 20, No. 232, pp. 127-136, 2019, JCR.Scopus
9. سارا سبحانی ، حدیث حسینی مقدم ، سیدروح اله درخشان ، خوزه میگوئیل سانسانو، Tandem imine formation via auto-hydrogen transfer from alcohols to nitro compounds catalyzed by a nanomagnetically recyclable copper catalyst under solvent-free conditions, *RSC Advances*, Vol. 31, No. 11, pp. 19121-19127, 2021, JCR.Scopus
10. سارا سبحانی ، حدیث حسینی مقدم ، یورگن اسکیبستد ، خوزه میگوئیل سانسانو، A hydrophilic heterogeneous cobalt catalyst for fluoride-free Hiyama, Suzuki, Heck and Hirao cross-coupling reactions in water, *green chemistry*, Vol. 1, No. 22, pp. 1353-1365, 2020, JCR.Scopus
11. سارا سبحانی ، اعظم حبیب الهی ، زهره زراعتکار، A Novel Water-Dispersible/Magnetically Recyclable Pd Catalyst for C–C Cross-Coupling Reactions in Pure Water, *Organic process research & development*, Vol. 7, No. 23, pp. 1321-1332, 2019, JCR.Scopus
12. سارا سبحانی ، فرهاد عمرزهی چاه کمالی ، خوزه میگل سانسانو، A new bifunctional heterogeneous nanocatalyst for one-pot reduction-Schiff base condensation and reduction-carbonylation of nitroarenes, *RSC Advances*, Vol. 9, No. 1, pp. 1362-1372, 2019, JCR.Scopus
13. سارا سبحانی ، فرزانه ظریفی ، فرشید بارانی ، یورگن اسکیبستد، La(OTf)2-amine grafted-GO as the first,

- multifunctional catalyst for the one-pot three-component synthesis of  $\alpha$ -aminophosphonates, *Organic Chemistry Research*, Vol. 2, No. 5, pp. 117-127, 2019
- Samira Smaeilzadeh, Immobilized palladium-pyridine complex on  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> magnetic nanoparticles as a new magnetically recyclable heterogeneous catalyst for Heck, Suzuki and copper-free Sonogashira reactions, *Organic Chemistry Research*, Vol. 5, No. 1, 2019 - وزارت علوم - علمی پژوهشی.
- Fatemeh Naseri, Farzaneh Zarifi, Unique role of 2-hydroxyethylammonium acetate as an ionic liquid in the synthesis of Fe<sub>3</sub>O<sub>4</sub> magnetic nanoparticles and preparation of pyridine derivatives in the presence of a new magnetically recyclable heterogeneous catalyst, *Journal of the Iranian Chemical Society*, Vol. 15, 2018, ISC, ISI, SCOPUS - علمی پژوهشی.
- Zahra Vahidi, P-arylation of aryl halides by an environmentally compatible method, *CANADIAN JOURNAL OF CHEMISTRY*, Vol. 95, No. 12, 2017, ISI, SCOPUS
- Fateme Khakzad, A novel hydrophobic copper complex supported on  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> as a magnetically heterogeneous catalyst for one-pot three-component synthesis of  $\alpha$ -aminophosphonates, *APPLIED ORGANOMETALLIC CHEMISTRY*, Vol. 31, No. 12, 2017, ISI, SCOPUS
- Rouhollah Khani, Mostafa Hossein Beyki, Simin Miri, Application of magnetic ionomer for development of very fast and highly efficient uptake of triazo dye Direct Blue 71 from different water samples, *ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY*, Vol. 150, 2017, ISI, SCOPUS
- FARZANE ARSIYA, Mohammad Hossein Sayadi Anari, Arsenic (III) Adsorption Using Palladium Nanoparticles from Aqueous Solution, *Journal of Water and Environmental Nanotechnology*, Vol. 2, No. 23, 2017 - وزارت بهداشت.
- radineh motamedi, H<sub>3</sub>PW<sub>12</sub>O<sub>40</sub> as an efficient catalyst for one-pot-tricomponent synthesis of chromeno43-bquinolones under microwave irradiation, *iranian chemical communication*, No. 5, 2017, ISC
- Farzaneh Zarifi, Jørgen Skibsted, Immobilized Lanthanum(III) Triflate on Graphene Oxide as a New Multifunctional Heterogeneous Catalyst for the One-Pot Five-Component Synthesis of Bis(pyrazolyl) methanes, *ACS Sustainable Chemistry and Engineering*, Vol. 5, No. 6, 2017, ISI, SCOPUS
- Farzaneh Zarifi, Jørgen Skibsted, Ionic liquids grafted onto graphene oxide as a new multifunctional heterogeneous catalyst and its application in the one-pot multi-component synthesis of hexahydroquinolines, *NEW JOURNAL OF CHEMISTRY*, Vol. 41, 2017, ISI, SCOPUS
- FARZANE ARSIYA, Mohammad Hossein Sayadi Anari, Green synthesis of palladium nanoparticles using *Chlorella vulgaris*, *MATERIALS LETTERS*, Vol. 186, 2017, ISI, SCOPUS
- Farzaneh Zarifi, Synthesis of  $\alpha$ -Phosphonomalonates with Pyridine-Grafted Graphene Oxide, *synfacts*, Vol. 12, No. 2, 2016 - مجلات خارجی فاقد نمایه.
- Phosphonylation of Aryl Halides with a Palladium Complex on Fe (III) Oxide in Water, *synfacts*, Vol. 12, No. 6, 2016 - مجلات خارجی فاقد نمایه.
- Farzaneh Zarifi, K. A. Jørgen skibsted, One pot Synthesis of Terminal Vinylphosphonates Catalyzed by Pyridine Grafted GO as Reusable Acid-Base Bifunctional Catalyst, *chemistryselect*, Vol. 1, No. 11, 2016, ISI
- Zohre Ramzane, Synthesis of arylphosphonates catalyzed by Pd-imino-Py- $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> as a new magnetically recyclable heterogeneous catalyst in pure water without requiring any additive, *RSC Advances*, Vol. 6, No. 35, 2016, ISI, SCOPUS
- Solmaz Asadi estalkh jani, Mehri Salimi, Farzaneh Zarifi, Cu-isatin schiff base complex supported on magnetic nanoparticles as an efficient and recyclable catalyst for the synthesis of bis(indolyl) methanes and bis(pyrazolyl) methanes in aqueous media, *JOURNAL OF ORGANOMETALLIC CHEMISTRY*, Vol. 822, 2016, ISI, SCOPUS
- Zahra Mesbah Fallatoni, Solmaz Asadi estalkh jani, Palladium-Schiff Base Complex Immobilized Covalently on Magnetic Nanoparticles as an Efficient and Recyclable Catalyst for Heck and Suzuki Cross-Coupling Reactions, *CATALYSIS LETTERS*, Vol. 146, No.

- 1,2016,ISI.SCOPIUS
- zohre zeraatkar,A new magnetically recoverable heterogeneous palladium catalyst for the , .30  
phosphonation reaction in aqueous micellar solution,APPLIED ORGANOMETALLIC  
CHEMISTRY,Vol. 30,2015,ISI.SCOPIUS
- Zahra Vahidi, Zohre Zeraatkar, Samaneh Khodadadi,C P Bond Formation Catalyzed by a , .31  
Magnetic Nanoparticle-Supported Palladium Catalyst(highlight),synfacts,Vol. 11,No.  
7,2015 مجلات خارجی فاقد نمایه.
- Farzaneh Zarifi,Pyridine-grafted graphene oxide a reusable acid-base bifunctional catalyst for , .32  
the one-pot synthesis of -phosphonomalonates via cascade Knoevenogel-phospho Michael  
addition reaction in water,RSC Advances,Vol. 5,2015,ISI.SCOPIUS
- Rouhollah Khani, , Mostafa Hossein Beyki,Highly selective and efficient removal of lead with .33  
magnetic nano-adsorbent Multivariate optimization isotherm and thermodynamic  
studies,JOURNAL OF COLLOID AND INTERFACE SCIENCE,Vol. 466,2015,ISI.SCOPIUS
- Zohre Zeraatkar,,Pd Complex of a NNN Pincer Ligand Supported on -Fe<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> Magnetic , .34  
Nanoparticles A New Catalyst for Heck Suzuki and Sonogashira Coupling Reactions,NEW  
JOURNAL OF CHEMISTRY,Vol. 39,2015,ISI.SCOPIUS
- Zohre Zeraatkar,,APd complex of a NNN pincer ligand supported on -Fe<sub>2</sub>O<sub>3</sub> SiO<sub>2</sub> as the , , .35  
first magnetically recoverable heterogeneous catalyst for the C P bond forming reactions,RSC  
Advances,Vol. 5,2015,ISI.SCOPIUS
- Pd-isatin Schiff base complex immobilized on -Fe<sub>2</sub>O<sub>3</sub> as a new magnetically recyclable,, .36  
catalyst for the Heck and Suzuki cross-coupling reactions,CHINESE JOURNAL OF  
CATALYSIS,Vol. 36,No. 4,2015,ISI.SCOPIUS
- Maryam sadat Ghasemzadeh, , Farzaneh Zarifi,Acetamidine palladium complex immobilized , .37  
on -Fe<sub>2</sub>O<sub>3</sub> nanoparticles a novel magnetically separable catalyst for Heck and Suzuki coupling  
reactions,RSC Advances,Vol. 4,2014,ISI.SCOPIUS
- Maryam sadat Ghasemzadeh,,Piperidine and Piperazine Immobilized on Iron Oxide , .38  
Nanoparticles as Magnetically Recyclable Heterogeneous Catalysts for One-Pot Synthesis of -  
Phosphonomalonates,CATALYSIS LETTERS,Vol. 144,2014,ISI.SCOPIUS
- Zahra Pakdin Parizi,Lanthanum(iii) triflate supported on nanomagnetic -Fe<sub>2</sub>O<sub>3</sub> a new , .39  
magnetically recyclable heterogeneous Lewis acid for the one-pot synthesis of -  
phosphonomalonates,RSC Advances,Vol. 4,2014,ISI.SCOPIUS
- Zahra Pakdin Parizi,Palladium-DABCO complex supported on -Fe<sub>2</sub>O<sub>3</sub> magnetic , .40  
nanoparticles A new catalyst for CC bond formation via Mizoroki Heck cross-coupling  
reaction,APPLIED CATALYSIS A-GENERAL,Vol. 479,2014,ISI.SCOPIUS
- Zahra Mesbah Fallatoni,,Synthesis of phosphoric acid supported on magnetic core shell , .41  
nanoparticles a novel recyclable heterogeneous catalyst for Kabachnik Fields reaction in  
water,RSC Advances,Vol. 4,2014,ISI.SCOPIUS
- Zahra Pakdin Parizi,,Nano n-propylsulfonated -Fe<sub>2</sub>O<sub>3</sub> A novel magnetically recyclable , .42  
heterogeneous catalyst for the efficient synthesis of bis(pyrazolyl)methanes in water,JOURNAL  
OF CHEMICAL SCIENCES,Vol. 125,No. 5,2013,ISI.SCOPIUS
- Moones Honarmand,Silica-Bonded 2-Hydroxyethylammonium Acetate as an Efficient and , .43  
Recyclable Catalyst for the Synthesis of 2-Amino-4H-chromen-4-yl Phosphonates and -  
Phosphonomalonates,CATALYSIS LETTERS,Vol. 143,2013,ISI.SCOPIUS
- Moones Honarmand,Ionic liquid immobilized on -Fe<sub>2</sub>O<sub>3</sub> nanoparticles A new magnetically , .44  
recyclable heterogeneous catalyst for one-pot three-component synthesis of 2-amino-3-5-  
dicarbonitrile-6-thio-pyridines,APPLIED CATALYSIS A-GENERAL,Vol. 467,2013,ISI.SCOPIUS
- ROYA JAHANSHAHI,One-pot synthesis of -phosphonomalonate catalyzed by molecular , .45  
iodine,SYNTHETIC COMMUNICATIONS,Vol. 43,No. 24,2013,ISI.SCOPIUS
- ROYA JAHANSHAHI,Nano n-propylsulfonated -Fe<sub>2</sub>O<sub>3</sub> (NPS- -Fe<sub>2</sub>O<sub>3</sub>) as a magnetically , .46  
recyclable heterogeneous catalyst for the efficient synthesis of 2-indolyl-1-nitroalkanes and



- .bis(indolyl)methanes,NEW JOURNAL OF CHEMISTRY,Vol. 37,2013,ISI.SCOPIUS
- Mahboobeh Bazrafshan, Amin Delloei,,Phospha-Michael addition of diethyl phosphite to - , .47  
unsaturated malonates catalyzed by nano -Fe<sub>2</sub>O<sub>3</sub>-pyridine based catalyst as a new magnetically  
recyclable heterogeneous organic base,APPLIED CATALYSIS A-GENERAL,Vol.  
.454,2013,ISI.SCOPIUS
- Moones Honarmand,A Simple and Efficient Method for One-Pot Three-Component Synthesis , .48  
of Terminal Vinylphosphonates Using a Task-Specific Ionic Liquid,SYNLETT,Vol.  
.24,2013,ISI.SCOPIUS
- Moones Honarmand,2-Hydroxyethylammonium acetate A reusable task-specific ionic liquid , .49  
promoted one-pot three-component synthesis of 2-amino-3 5-dicarbonitrile-6-thio-  
.pyridines,COMPTEs RENDUS CHIMIE,Vol. 16,2013,ISI.SCOPIUS
- Moones Honarmand,5-Hydroxypentylammonium acetate as a reusable ionic liquid catalyzes , .50  
tandem Knoevenagel-phospha-Michael reaction of aldehydes malononitrile and  
phosphites,Journal of the Iranian Chemical Society,Vol. 4,2012,ISC,ISI.SCOPIUS  
پژوهشی.
- Mahdi Faal maleki, Zahra Pakdin Parizi,Tandem Knoevenagel-Michael reaction of 1- , .51  
phenyl-3-methyl-5-pyrazolone with aldehydes using 3-aminopropylated silica gel as an efficient  
.and reusable catalyst,SYNTHETIC COMMUNICATIONS,Vol. 42,2012,ISI.SCOPIUS
- Mahdi Faal maleki,Nicotinium Dichromate (NDC) as an Efficient Reagent for the Oxidative , , .52  
Deamination of Amines and -Aminophosphonates,HELVETICA CHIMICA ACTA,Vol. 4,No.  
.95,2012,ISI.SCOPIUS
- Sulfonated multi-walled carbon nanotubes (MWCNTs) as a new efficient and recyclable,, , .53  
heterogeneous nanocatalyst for the synthesis of amines,CANADIAN JOURNAL OF  
.CHEMISTRY,No. 8,2012,ISI.SCOPIUS
- Moones Honarmand,2-Hydroxyethylammonium acetate as a reusable and cost-effective , , .54  
ionic liquid for the efficient synthesis of bis(pyrazolyl)methanes and 2-pyrazolyl-1-  
.nitroalkanes,CANADIAN JOURNAL OF CHEMISTRY,Vol. 90,2012,ISI.SCOPIUS
- Nano n-propylsulfonated -Fe<sub>2</sub>O<sub>3</sub> as magnetically recyclable heterogeneous catalyst for the,, , .55  
efficient synthesis of -phosphonomalonates,APPLIED CATALYSIS A-GENERAL,Vol.  
.409,2012,ISI.SCOPIUS
- Zahra Pakdin Parizi,,Phospha-Michael addition of phosphorous nucleophiles to -unsaturated , .56  
malonates using 3-aminopropylated silica gel as an efficient and recyclable catalyst,JOURNAL  
.OF ORGANOMETALLIC CHEMISTRY,Vol. 696,2011,ISI.SCOPIUS
- Phosphomolybdic acid an efficient and reusable catalyst for the synthesis of -phosphono,, .57  
malonates,Journal of the Iranian Chemical Society,Vol. 8,No. 1,2011,ISC,ISI.SCOPIUS  
علمی پژوهشی.
- Zahra Pakdin Parizi,An eco-friendly procedure for one-pot synthesis of -phosphono , .58  
malonates micellar solution of sodium stearate catalyzes tandem Knoevenagel-phospha-Michael  
reaction of aldehydes malonitrile and phosphites in aqueous media,TETRAHEDRON,Vol.  
.67,2011,ISI.SCOPIUS
- Mahdi Faal maleki,Zinc dichromate trihydrate (ZnCr<sub>2</sub>O<sub>7</sub> 3H<sub>2</sub>O) as an efficient reagent for , , .59  
.the one-pot synthesis of thiosulfonates from thiols,SYNLETT,No. 3,2011,ISI.SCOPIUS
- Reihaneh Malakooti, , , ,,Formylation of amines and alcohols using aminopropylated .60  
mesoporous silica gel (APMS) as an efficient and recyclable catalyst,COLLECTION OF  
.CZECHOSLOVAK CHEMICAL COMMUNICATIONS,Vol. 76,No. 12,2011,ISI.SCOPIUS
- Efficient synthesis of 2-indolyl-1-nitroalkanes catalyzed by tetramethyl-tetra-3 4-,, , .61  
pyridinoporphyrazinato copper (II) methyl sulfate,JOURNAL OF PORPHYRINS AND  
.PHTHALOCYANINES,Vol. 15,2011,ISI.SCOPIUS