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Faculty: Science

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## Papers in Conferences

1. مجید کلاته بجدی,علی زراعتکارمقدم,منیره باباپیری میرحصاری,مهدی شکوریان فرد جهرمی,ستنتر برخی حلالهای اتکیتک سازگار با محیط زیست و بررسی پنجره‌ی پتانسیل الکتروشیمیایی آنها,چهارمین کنفرانس شیمی کاربردی ایران,شماره صفحات ۵۰-۵۳،دانشگاه ارومیه،۱۴۰۷-۱۴۰۶.
2. به محمد مسینائی,علی امرالهی,علی زراعتکارمقدم,استفاده از بنتونیت اصلاحشده با نانوذرات مغناطیسی منظور حذف کلکتور گزنتات باقیمانده در پساب کارخانه فرآوری,کنگره ملی شیمی و نانوشیمی از پژوهش تا توسعه ملی,شماره صفحات -۱۷،-تهران،۱۴۰۷-۱۴۰۸.
3. به (MnFe<sub>2</sub>O<sub>4</sub>) محمد مسینائی,علی امرالهی,علی زراعتکارمقدم,استفاده از بنتونیت اصلاح شده با نانوذرات مغناطیسی منظور حذف کلکتور گزنتات باقیمانده در پساب کارخانه فرآوری,هشتمین سمینار ملی شیمی و محیط زیست,شماره صفحات -۱۷،-تهران،۱۴۰۹-۱۴۰۶.
4. علی الله رسانی,محمدعلی ناصری,مهسا نعناعی,علی زراعتکارمقدم,اندازه گیری محتوی فلزات سنگین غلاف (طارونه) گیاه نخل به روش جذب اتمی,همایش ملی گیاهان دارویی(تهران),شماره صفحات -۱۶،-تهران،۱۴۰۶-۱۴۰۸.
5. علی زراعتکارمقدم,علی الله رسانی,علیرضا نخعی,دیمه فاطمه,حذف جذب سطحی انتخابی متبل اورنج و متبل رد با به عنوان یک جاذب نانوکمپوزیت جدید کاربرد طراحی آزمایش CoFe<sub>2</sub>O<sub>4</sub>/استفاده از نانوذرات گام کتیرای پیونددده شده برای بهینه سازی,کنفرانس ملی حفاظت محیط زیست,شماره صفحات -۱۶،-تهران،۱۴۰۶-۱۴۰۵.
6. علی زراعتکارمقدم,آیتی علی,رضا سندروس,دیمه فاطمه,تابانی هادی,حذف رنگ اسیدی کنگورد از پساب های صنعتی با اکسید آهن,کنفرانس ملی حفاظت محیط زیست,شماره صفحات -۱۳،Al<sub>2</sub>O<sub>3</sub>/استفاده از نانوذرات مغناطیسی چیتوسان،-تهران،۱۴۰۶-۱۴۰۵.
7. علی زراعتکارمقدم,دیمه فاطمه,آیتی علی,علیرضا نخعی,تابانی هادی,کاربرد روش پاسخ سطحی برای بهینه سازی حذف اکسید آهن به عنوان Al<sub>2</sub>O<sub>3</sub>/انتخابی یون های کرومات از محلول های آبی با استفاده از نانوذرات مغناطیسی چیتوسان جاذب,کنفرانس ملی حفاظت محیط زیست,شماره صفحات -۱۶،-تهران،۱۴۰۶-۱۴۰۵.
8. , ,Synthesis and characterization of novel nanozero-valent iron based bimetallic nanoparticles immobilized on bentonite as a new nanocatalyst for methyl orange and congo red dyes reduction دانشگاه سمنان,pp,بیست و ششمین سمینار شیمی تجزیه ایران, ۰-۰ ۲۵ ۰۸ ۲۰۱۹.
9. , ,A new and efficient nanozero-valent iron based trimetallic catalyst immobilized on bentonite clay for anionic dyes reduction دانشگاه سمنان,pp,بیست و ششمین سمینار شیمی تجزیه ایران, ۰-۰ ۲۵ ۰۸ ۲۰۱۹.
10. Ali Allahresani,Mohammad ali Nasser, Rapid and Green Snythesis of Silver Nanoparticles Using Aqueous Spathe of Phoenix dactylifera L. Extract and their Catalytic Activity for 4-Nitrophenol Reduction. شیراز,pp. 660-660 ,12 05 2018.
11. Ali Allahresani,Mohammad ali Nasser, evaluation pytocemical properties spathe of phonex dactylifera L. (Tarooneh) plant indigenous oh Khuzestan,pp. 683-683 ,09 05 2017, تهران.
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13. Ali Allahresani,Mohammad ali Nasseri ,measurmens of anthocyanine vitamin c and carotenoidin plant extract of spathe the phoenix dactylifera l. ,اصفهان, ۰۵ ۱۸, ۲۰۱۶, پنجمین کنگره گیاهان دارویی, pp. - ,
14. \_ ,Application of novel insitu solvent formation microextraction procedure for speciation of iron رفسنجان, ۰۹ ۰۱, ۲۰۱۴, هفدهمین کنگره شیمی ایران,
15. \_ ,Removal of Cr(VI) in the presence of Cr(III) from aqueous solution by polymethylmethacrylate grafted Tragacanth gum immobilized on magnetic nanoparticles as a new sorbent and optimization by experimental design مشهد, ۰۲ ۲۶, ۲۰۱۳, نوزدهمین سمینار شیمی تجزیه ایران, pp. - ,

## Papers in Journals

1. Zeynab Ghasemi, ameneh zaboli arbab din mohamad, State-of-the-art predictive modeling of heavy metal ions removal from the water environment using nanotubes, *Scientific Reports*, Vol. 1, No. 13, pp. 1-10, 2023, JCR, Scopus.
2. علی زراعتکار مقدم, علیرضا فرخی لاشیدانی, فرزانه بیواره, سعیده دژبخش پور, کاربرد فتوکاتالیستی چارچوب فلز-آلی بر پایه فسفونیک اسید برای حذف بیس فنول آ در نور طبیعی خورشید, *شیمی کاربردی*, مجلد ۶۰, شماره ۱۶, صفحات ۲۰۲۱-۲۰۲۴, isc.
3. علی زراعتکار مقدم, علیرضا فرخی لاشیدانی, فرزانه بیواره, سعیده دژبخش پور, Photocatalytic application of a phosphonate-based metal-organic framework for the removal of bisphenol A under natural sunlight, *شیمی کاربردی*, مجلد ۶۰, شماره ۱۶, صفحات ۲۰۲۰-۲۴, isc.
4. Abolfazl Akbarpour, Fabrication of Polyvinylpyrrolidone-Stabilized Nano ZeroValent Iron Supported by Hydrophilic Biochar for Efficient Cr (VI) Removal from Groundwater, *ChemistrySelect*, Vol. 43, No. 7, pp. 202202927-202202938, 2022, JCR.
5. \_ ,Design of a New Poly Imidazolium-Tagged Cobalt (II) Schiff Base Complex for Selective Oxidation of Alcohols and Sulfides in a Water Solvent, *Polycyclic Aromatic Compounds*, pp. 1-19, 2021, JCR, Scopus.
6. \_ ,A New Efficient Agarose Gel based Electro-membrane To Extract, Preconcentrate, Clean-up and Quantify Nilotinib in Biological Samples, *Analytical and Bioanalytical Electrochemistry*, Vol. 3, No. 13, pp. 408-422, 2021, WOS, Scopus.
7. Mohammad Reza Ganjali, Michal Alexovič, Mehdi Erfani Jazi, Hadi Tabani, A low-voltage electro-membrane extraction for quantification of imatinib and sunitinib in biological fluids, *Bioanalysis*, Vol. 18, No. 13, pp. 1401-1413, 2021, ISI, JCR, Scopus.
8. Hadi Tabani, Hamid Abedi, Raheleh Hatifi, Introduction of nitrogen doped graphene nanosheets as efficient adsorbents for nitrate removal from aqueous samples, *Journal of Environmental Health Science and Engineering*, No. 19, pp. 1875-1886, 2021, WOS, isc.
9. Saeed Shadman, Mohammad Massinaei, Removal of cyanide from the gold cyanidation plant tailings using graphene-based magnetic nanocomposites, *Chemical Papers*, Vol. 10, No. 75, pp. 5543-5560, 2021, ISI, JCR, Scopus.
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12. Mohammad Reza Khodabakhshi, Synthesis of nanoscale zero-valent iron modified graphene oxide nanosheets and its application for removing tetracycline antibiotic: Response surface methodology, *Applied Organometallic Chemistry*, Vol. 1, No. 35, pp. 6059-6070, 2021, JCR, Scopus.
13. Kamal Khodaei, Hadi Tabani, Gel electro-membrane extraction of propranolol and atenolol from blood serum samples: Effect of graphene-based nanomaterials on extraction efficiency of gel membrane, *Talanta*, No. 222, pp. 121557-121565, 2021, JCR, Scopus.
14. \_ ,Polymeric imidazolium ionic liquid-tagged manganese Schiff base complex: an efficient catalyst

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15. Alireza Farrokhi,saeideh dejbakhshpour,Insight into the photocatalytic properties of phosphonatebased metal–organic frameworks for reduction of Cr (VI) and Synergistic elimination of organic dyes under natural sunlight,Applied Organometallic Chemistry,Vol. 11,No. 34,pp. 1-11,2020,JCR.Scopus.
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17. „Response surface method Optimization of the Dyes Degradation using Zero-Valent Iron based Bimetallic Nanoparticle on the Bentonite Clay Surface,Pollution,Vol. 3,No. 6,pp. 581-595,2020,WOS,JCR.isc.Scopus.
18. Mehdi Erfani Jazi,Ali Allahresani,Mohammad Khazaei,Mohammad Reza Ganjali,Mohammad Reza Saeb,Vahid Vatanpour,Removal of Chromate and Nitrate Ions from Aqueous Solutions by Cox Fe<sub>3-x</sub>O<sub>4</sub>@silica Hybrid Nanoparticles Decorated with Cross-Linked Tragacanth Gum: Experiment, Modeling and Optimization,ChemistrySelect,Vol. 18,No. 5,pp. 5404-5413,2020,JCR.
19. Sabouri,Sohrabi,A Novel and Efficient Dyes Degradation Using Bentonite Supported Zero-Valent Iron-Based Nanocomposites,ChemistrySelect,Vol. 5,pp. 369-378,2020,JCR.
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22. Mehdi Erfani Jazi,Ali Allahresani,Mohammad Reza Ganjali,Alireza Badiei,Removal of acid dyes from aqueous solutions using a new eco-friendly nanocomposite of CoFe<sub>2</sub>O<sub>4</sub> modified with Tragacanth gum,Journal of Applied Polymer Science,Vol. 1,pp. 137,pp. 48605-48617,2019,JCR.Scopus.
23. Sabouri Mohammad Reza,Ganjali Mohammad Reza,A novel and an efficient 3-D high nitrogen doped graphene oxide adsorbent for the removal of Congo red from aqueous solutions,Pollution,Vol. 3,No. 5,pp. 501-514,2019,WOS,JCR.isc.Scopus.
24. Shakourian ,& Fard Mehdi,Immobilizing magnetic glutaraldehyde cross-linked chitosan on graphene oxide and nitrogen-doped graphene oxide as well-dispersible adsorbents for chromate removal from aqueous solutions,International Journal of Biological Macromolecules,Vol. 128,No. 128,pp. 61-73,2019,JCR.Scopus.
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33. Atarodi Atefe,Chamsaz Mahmoud,Tabani Hadi,Introduction of high nitrogen doped graphene as a new cationic carrier in electromembrane extraction,Electrophoresis,Vol. 37,No. 9,pp. 1191-1200,2016,JCR.Scopus.
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35. Tabani Hadi,Khodaei Kamal,Movahed Siyavash Kazemi,Zare Farzaneh Dorabadi,Mirzaei Saeed,Evaluation of three dimensional high nitrogen doped graphene as an efficient sorbent for the preconcentration of BTEX compounds in environmental samples,RSC Advances,Vol. 6,pp. 7198-7211,2016,ISI.JCR.Scopus.
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