

حدیث بشیری

دانشیار

دانشکده: دانشکده شیمی

گروه: شیمی فیزیک



سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۲	شیمی محض	بو علی سینا
کارشناسی ارشد	۱۳۸۴	شیمی فیزیک	بوعلی سینا
دکترای تخصصی	۱۳۸۸	شیمی فیزیک	بوعلی سینا

مقالات در همایش ها

- Elaheh Tajari, Hadis Bashiri. Removal of floating gasoil from the surface of water and wastewater using a magnetic metal-organic framework based on the biomass of the *Prosopis faracta*. 5th national Congress of Chemistry and Nanochemistry from Research to Technology, Tehran, ۲۰۲۲, ۱۲ ۱۴.
- Elaheh Tajari, Hadis Bashiri. Isotherm and thermodynamics of surface adsorption of gasoil from water using biomass-based magnetic adsorbent. 4th Iran Water & Wastewater Science & Engineering Congress, Gom, ۲۰۲۲, ۱۱ ۲۲.
- Simon Yves DJOKO T., Hadis BASHIRI, Estella T. NJOYIM, Arab AMERI M., Serges DJEPANG, Arnaud Kamdem T., Samuel LAMINSI[c], Reinhard Schomacker, Urea And Green Tea Like Precursors For The Preparation Of g-C₃N₄ Based Carbon Nanomaterials (CNMs) Composite: Used As Photocatalyst For Photodegradation of Pollutants Under UV-Light Irradiation, 22nd Iranian Physical Chemistry Conference - زنجان, 20 08 2019, 1.
- ملیحه سرابادان, سیدمهدی موسوی, حدیث بشیری, مدل سازی و بهینه سازی عملکرد زئولیت کلینوپیتولیلایت اصلاح شده در جذب رنگ کریستال بنفش, چهارمین کنفرانس شیمی کاربردی ایزان, 1 - ارومیه, 23 07 2019.
- M. Rafiee, H. Bashiri, Study of mechanism of hydrogen production from formic acid decomposition on Cu(100) catalyst by using dynamic Monte Carlo, 22nd Iranian Physical Chemistry Conference, 2019 08 20.
- Marzieh Rafiee, Hadis Bashiri, Kinetic Monte Carlo Simulation of hydrogen production from formic acid decomposition on Ni(100) catalyst, 20th Iranian Chemistry Congress, Mashhad, 2018, 07 17.
- Malihe Sarabadan, Mahdi Mousavi, Hadis bashiri, removal of crystal violet from water using zeolit-MMT nanocomposite and modeling of experimental results by response surface methodology, 7th International Conference On Nanostructures (ICNS7), تهران, 27 02 2018.

1. حدیث بشیری، سمیرا نتاری، حذف زرد آلیزارین از آب به وسیله ی کربن فعال تهیه شده از تابش امواج ریزموج برسوس برنج: مطالعه ی ترمودینامیکی، تعادلی و سینتیکی، مجله شیمی کاربردی، مجلد ۱۴، شماره صفحات ISC، ۳۳۷، ۱۳۹۸/۰۱/۲۹.
2. Ghasem Pahlevanpour, Hadis Bashiri, Photocatalytic hydrogen production by Ni/TiO₂ (0.5 wt%): Kinetic Monte Carlo simulation, Journal of the Taiwan Institute of Chemical Engineers, Vol. 152, pp. 105159, 2023 09 27, SCOPUS, JCR
3. Elaheh Tajari, Hadis Bashiri, Gasoil removal from aqueous solution using magnetic metal-organic framework adsorbent based on the cellulosic fibrous of *Prosopis farcta* plant, International Journal of Biological Macromolecules, Vol. 245, pp. 125473, 2023 08 01, JCR
4. Khim Hoong Chu, Mohd Ali Hashim, Hadis Bashiri, Jean Debord, Michel Harel, Jean, & Claude Bollinger, The Flory-Huggins Isotherm and Water Contaminant Adsorption: Debunking Some Modeling Fallacies, Industrial & Engineering Chemistry, Vol. 62, pp. 1121, 2023 06 05, SCOPUS, JCR
5. Khim Hoong Chu, Hadis Bashiri, Mohd Ali Hashim, Mohd Yunus Abd Shukor, Jean, & Claude Bollinger, The Halsey isotherm for water contaminant adsorption is fake, Separation and Purification Technology, Vol. 313, pp. 123500, 2023 03 01, SCOPUS, JCR
6. Aazam Jafarnejad, Masoud Salavati, & Niasari, Rozita Monsef, Hadis Bashiri, Flower-shaped magnetically recyclable ZnS/ ZnIn₂S₄/Fe₂O₃ nanocomposites towards decolorization of colored pollutants, International Journal of Hydrogen Energy, Vol. 48, pp. 3440, 2022 11 15, JCR
7. Mojtaba Arabameri, Hadis Bashiri, Introduction of the Effective Photon Concentration Variable for Studying the Mechanism of Crystal Violet Photodegradation, PHOTOCHEMISTRY AND PHOTOBIOLOGY, Vol. 98, pp. 798, 2022 10 15, SCOPUS, JCR
8. Malihe Sarabadan, Hadis Bashiri, Seyed Mahdi Mousavi, Efficient removal of crystal violet from solution by montmorillonite modified with docosyl-trimethylammonium chloride and sodium dodecyl sulfate: modelling, kinetics and equilibrium studies, CLAY MINERALS, Vol. 57, pp. 7, 2022 09 23, JCR
9. Aazam Jafarnejad, Hadis Bashiri, Masoud Salavati, & Niasari, Sonochemical synthesis and characterization of CuInS₂ nanostructures using new sulfur precursor and their application as photocatalyst for degradation of organic pollutants under simulated sunlight, Arabian Journal of Chemistry, Vol. 57, pp. 104007, 2022 05 27, SCOPUS, JCR
10. Ghasem Pahlevanpour, Hadis Bashiri, Kinetic Monte Carlo simulation of hydrogen production from photocatalytic water splitting in the presence of methanol by 1 wt% Au/TiO₂, INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Vol. 47, pp. 12975, 2022 03 02, JCR
11. Mojtaba Arabameri, Hadis Bashiri, A new approach to study the degradation of the organic pollutants by A-doped MxOy/ B photocatalysts, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Vol. 29, pp. 39139, 2022 01 31, SCOPUS, JCR
12. H. Bashiri, A. Hassani Javanmardi, Complete Analytical Solution of the Statistical Rate Theory: Desorption from Solid/Solution Interfaces, LANGMUIR, Vol. 37, pp. 11844, 2021 09 27, SCOPUS, JCR
13. Farshad Fotouhi, & Far, Hadis Bashiri, Masood Hamadian, Mohammad Hossein Keshavarz, A New Approach for the Leaching of Palladium from Spent Pd/C Catalyst in HCl-H₂O₂ System, PROT MET PHYS CHEM+, Vol. 57, pp. 297, 2021 03 10, SCOPUS, JCR
14. Zahra Falaki, Hadis Bashiri, Preparing an adsorbent from the unused solid waste of Rosewater extraction for high efficient removal of Crystal Violet, Journal of The Iranian Chemical Society, Vol. 18, pp. 2689, 2021 03 08, SCOPUS, JCR
15. Malihe Sarabada, Hadis Bashiri, Seyed Mahdi Mousavi, Modelling, kinetics and equilibrium studies of crystal violet adsorption on modified montmorillonite by sodium dodecyl sulfate and hyamine surfactants, CLAY MINER, Vol. 56, pp. 16, 2021 03 01, JCR
16. H. Bashiri, A. Hassani Javanmardi, Investigation of Fractal-like Characteristics According to

- .New Kinetic Equation of Desorption,LANGMUIR,Vol. 37,pp. 2123,2021 02 02,SCOPUS ,JCR
Zahra Shams Ghamsari, Hadis Bashiri,Hydrogen production through photoreforming of .17
methanol by Cu(s)/TiO₂ nanocatalyst: Optimization and simulation,Surfaces and Interfaces,Vol.
.21,pp. 100907,2020 09 23,JCR
- Marzieh Rafiee, Hadis Bashiri,Application of response surface methodology and dynamic .18
Monte Carlo simulation to study the hydrogen production from formic acid on Ni(100),MATER
.SCI ENG B-ADV,Vol. 262,pp. 114729,2020 08 29,JCR
- Simon Yves Tameu Djoko, Serges Djepang, , Hadis Bashiri, Estella Tamungang Njoyim, .19
Mojtaba Arabameri, Reinhard Schomacker, Arnaud Kamdem Tamo, Samuel Laminsi, Minoo
Tasbihi, Michael Schwarze,Urea and green tea like precursors for the preparation of g-C₃N₄
based carbon nanomaterials (CNMs) composites as photocatalysts for photodegradation of
pollutants under UV light irradiation,J PHOTOCH PHOTOBIO A,Vol. 398,pp. 112596,2020 05
.08,SCOPUS ,JCR
- H. Bashiri, S. Nesari, M. Sarabadan,Microwave assistant production of a high performance .20
adsorbent from rice husk,KOREAN J CHEM ENG,Vol. 37,pp. 240,2020 01 30,JCR
- Marzieh Rafiee, Hadis Bashiri,Catalytic decomposition of formic acid on Cu(100): .21
Optimization and dynamic Monte Carlo simulation,CATAL COMMUN,Vol. 137,pp. 105942,2020 01
.21,JCR
- Mohamadi, S., Bashiri, H.,Kinetic Study of Hydrogen Sulfide Decomposition on Pt(111) .22
.Surface,INT J CHEM KINET,Vol. 52,pp. 16-22,2019 10 25,SCOPUS ,ISI-Listed
- M. Sarabadan, H. Bashiri, S. M. Mousavi,Adsorption of crystal violet dye by a .23
zeolite–montmorillonite nano-adsorbent: modelling, kinetic and equilibrium studies,CLAY
.MINER,2019 09 22,SCOPUS ,JCR
- M. Sarabadan, H. Bashiri, S. M. Mousavi,Removal of crystal violet dye by an efficient and low .24
cost adsorbent: Modeling, kinetic, equilibrium and thermodynamic studies,KOREAN J CHEM
.ENG,Vol. 36,pp. 1575-1586,2019 09 20,SCOPUS ,JCR
۲۵. حدیث بشیری و سمیرا نتاری، حذف زرد آلیزارین از آب به وسیله ی کربن فعال تهیه شده از تابش امواج
ریز موج برسوس برنج: مطالعه ی ترمودینامیکی، تعادلی و سینتیکی، مجله شیمی کاربردی، ۲۰۱۸، ۶ ۰۶ ۲۹.
- Marzieh Rafiee, Hadis Bashiri,Dynamic Monte Carlo simulations of the reaction mechanism .26
of hydrogen production from formic acid on Ni(100),Applied Surface Science,Vol. 475,pp.
.720-728,2018 12 31
- Javanmardi, A.H., Bashiri, H.,Analytical solution of Langmuir behavior of Statistical Rate .27
Theory: Adsorption at solid/solution interface,Journal of Environmental Chemical
.Engineering,Vol. 5,No. 4,pp. 4024-4230,2017 7 01,ISI ,SCOPUS
- Bashiri, H., Pourbeiram, N.,Kinetic Monte Carlo Study of Biodiesel Production through .28
Transesterification of Brassica Carinata Oil,Physical Chemistry Research,Vol. 5,No. 2,pp.
.329-338,2017 6 01,SCOPUS ,ISC
- Bashiri, H., Hassani Javanmardi, A.,A new rate equation for desorption at the solid/solution .29
interface,CHEM PHYS LETT,Vol. 671,pp. 1-6,2017 1 01,ISI ,SCOPUS
- Bashiri, H., Pourbeiram, N,Biodiesel production through transesterification of soybean oil: A .30
kinetic Monte Carlo study,J MOL LIQ,Vol. 223,pp. 10-15,2016 8 01,ISI ,SCOPUS
- Fotouhi ,& Far, F., Bashiri, H., Hamadani, M., Keshavarz, M.H.,A New Method for .31
Assessment of Performing Mechanical Works of Energetic Compounds by the Cylinder
Test,Zeitschrift fur Anorganische und Allgemeine Chemie,Vol. 642,pp. 1086-1090,2016 8 01,ISI
. ,SCOPUS
- Eris, S., Bashiri, H.,Kinetic Study On The Adsorption Of Dyes Onto Activated Carbon,Progress .32
in Reaction Kinetics and Mechanism,Vol. 41,pp. 109-119,2016 6 01,ISI ,SCOPUS
- Fotouhi ,& Far, F., Bashiri, H., Hamadani, M.,Study of Deactivation of Pd(OH)₂/C Catalyst in .33
Reductive Debenzylation of Hexabenzylhexaazaisowurtzitane,Propellants, Explosives,
.Pyrotechnics,Vol. 42,pp. 13-219,2016 10 01,ISI ,SCOPUS

- Bashiri, H., Eris, S., Statistical Thermodynamic Study of Gas Adsorption with Different Adsorption Geometries on Homogeneous Solid Surface, CHEM ENG COMMUN, Vol. 203, pp. 628-634, 2015 8 01, ISI, SCOPUS .34
- Marzieh Rafiee, Hadis Bashiri, Kinetic Monte Carlo Simulation of 4-Nitrophenol Ozonation in the Presence of ZnO Nanocatalyst, RUSS J PHYS CHEM A+, Vol. 89, pp. 982-986, 2015 5 01, ISI, SCOPUS .35
- Moradmand Jalali, H., Bashiri, H., Rasa, H., Study of photo-oxidative reactivity of sunscreens agents based on photo-oxidation of uric acid by kinetic Monte Carlo simulation, MAT SCI ENG C-MATER, Vol. 50, pp. 59-63, 2015 5 01, ISI, SCOPUS .36
- Bashiri, H., Jalali, H.M., Rasa, H., Determination of intracellular levels of reactive oxygen species using the 2,7-dichlorofluorescein diacetate assay by kinetic Monte Carlo simulation, Progress in Reaction Kinetics and Mechanism, Vol. 39, pp. 281-291, 2014 9 01, ISI, SCOPUS .37
- H. Bashiri, S. Eris, Non-Dissociative Gas Adsorption with Different Chemisorption Geometries on Nanoporous Surfaces, J. Nanostructure, Vol. 4, pp. 127-132, 2014 9 01, ISC, SID .38
- Bashiri, H., Shajari, A., Theoretical Study of Fractal-Like Kinetics of Adsorption, ADSORPT SCI TECHNOL, Vol. 32, pp. 623-634, 2014 8 01, ISI, SCOPUS .39
- Hadis Bashiri, Marzieh Rafiee, Kinetic Monte Carlo simulation of 2,4,6-trichloro phenol ozonation in the presence of ZnO nanocatalyst, Journal of Saudi Chemical Society, Vol. 20, pp. 474-479, 2014 11 01, ISI, SCOPUS .40
- Bashiri, H., Orouji, S., A new isotherm for multilayer gas adsorption on heterogeneous solid surfaces, THEOR CHEM ACC, Vol. 1, pp. 1-7, 2014 11 01, ISI, SCOPUS .41
- Hadis Bashiri, A new solution of Langmuir kinetic model for dissociative adsorption on solid surfaces, CHEM PHYS LETT, Vol. 575, pp. 101-106, 2013 5 01, ISI, SCOPUS .42
- Hadis Bashiri, A New Theoretical Study of Desorption Kinetics at Solid/Solution Interface by Statistical Rate Theory, Phys. Chem, Vol. 2, pp. 80-85, 2012 1 01 .43
- Hadis Bashiri, Desorption Kinetics at the Solid/Solution Interface: A Theoretical Description by Statistical Rate Theory for Close-to-Equilibrium Systems, J PHYS CHEM C, Vol. 115, pp. 5732-5739, 2011 3 01, ISI, SCOPUS .44
- Azizian, S., Eftekhari, & Bafrooei, A., Bashiri, H., Kinetics of Catalytic Oxidation of Benzoin to Benzil by Alumina Supported Active MnO₂, KINET CATAL+, Vol. 51, pp. 244-249, 2010 3 01, ISI, SCOPUS .45
- Azizian, S., Bashiri, H., Volkov, A.G., Derivation of Azizian-Volkov (AV)-isotherm based on statistical thermodynamics, COLLOID SURFACE A, Vol. 335, pp. 28-32, 2009 3 01, ISI, SCOPUS .46
- Azizian, S., Haerifar, M., Bashiri, H., Adsorption of methyl violet onto granular activated carbon: Equilibrium, kinetics and modeling, CHEM ENG J, Vol. 146, pp. 36-41, 2009 1 01, ISI, SCOPUS .47
- Azizian, S., Bashiri, H., A New Isotherm for Multisite Occupancy Adsorption of Binary Gaseous Mixtures, LANGMUIR, Vol. 25, pp. 2309-2312, 2009 1 01, ISI, SCOPUS .48
- Azizian, S., Bashiri, H., Adsorption Kinetics at the Solid/Solution Interface: Statistical Rate Theory at Initial Times of Adsorption and Close to Equilibrium, LANGMUIR, Vol. 24, pp. 13013-13018, 2008 9 01, ISI, SCOPUS .49
- Azizian, S., Bashiri, H., Iloukhani, H., Statistical Rate Theory Approach to Kinetics of Competitive Adsorption at the Solid/ Solution Interface, J PHYS CHEM C, Vol. 112, pp. 10251-10255, 2008 4 01, ISI, SCOPUS .50
- Azizian, S., Bashiri, H., Description of Desorption Kinetics at the Solid/Solution Interface Based on the Statistical Rate Theory, LANGMUIR, Vol. 24, pp. 11669-11679, 2008 10 01, ISI, SCOPUS .51
- Farshad Fotohifar, Hadis Bashiri, Masood Hamadianian, Mohamad Hossein Keshavarz, Increment of activity of Pd(OH)₂/C catalyst in order to improve the yield of high .52

- performance 2,4,6,8,10,12-hexanitrohexaazaisowurtzitane (HNIW), *Inorganic and Nano-Metal Chemistry*, 0 0 01, ISI , SCOPUS
- Bashiri, H., Shajari, A, Fractal-Like Kinetics Study of Adsorption on Multi-walled Carbon .53 Nanotube, *The Iranian Journal of Mathematical Chemistry*, Vol. 9, pp. 25-35, 0 0 01, ISI , SCOPUS , ISC , SID
- Bashiri, H., Mohamadi, S., Hydrogen Sulfide Decomposition on Ni Surface: A Kinetic Monte .54 Carlo Study, *APPL CATAL A-GEN*, Vol. 509, pp. 105-110, 0 0 01, ISI , SCOPUS