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دانشیار

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(ابن‌سینا)

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مقالات در نشریات

- Rashid, Z., Ghahremanzadeh, R., Nejadmoghaddam, M., R., (...), Naeimi, H., Zarnani, A., H., Nickel-Salen supported paramagnetic nanoparticles for ۶-His-target recombinant protein affinity purification. *Journal of Chromatography A*, ۲۰۱۷ ۳ ۲۴
- Jalilian, N., Shanehsaz, M., Sajedi, R.H., Gharaat, M., Ghahremanzadeh, R. Improving the luminescence properties of aequorin by conjugating to CdSe/ZnS quantum dot nanoparticles: Red shift and slowing decay rate. *Journal of Photochemistry and Photobiology B: Biology*, ۲۰۱۶ ۹
- Zarnooshe Farahani, T., Nejadmoghaddam, M., R., Sari, S., Ghahremanzadeh, R., Minai, A., Tehrani, A., Generation of anti-SN38 antibody for loading efficacy and therapeutic monitoring of SN38-containing therapeutics, *Heliyon*, 2024 6 30
- Yousefi, M., Ghahremanzadeh, R., Nejadmoghaddam, M., R., (...), Mohammadi, Z., Minai, A., Tehrani, A., Nanofabrication of chitosan-based dressing to treat the infected wounds: in vitro and in vivo evaluations, *Future Science OA*, 2024 1 1
- Baheiraei, N., Razavi, M., Ghahremanzadeh, R., Reduced graphene oxide coated alginate scaffolds: potential for cardiac patch application, *Biomaterials Research*, 2023 12 1
- Jalilinejad, N., Rabiee, M., Baheiraei, N., (...), Yousefiasl, S., Zare, E.N., Electrically conductive carbon-based (bio)-nanomaterials for cardiac tissue engineering, *Bioengineering and*

- .Translational Medicine,,2023 1 1
- Ali, E., Naimi ,& Jamal, M.R., Rashid, Z., Ghahremanzadeh, R.,A Novel and Efficient Isocyanide- .7
Catalyzed Addition Reaction of Enaminones to Isatin Derivatives for Oxindoles
.Synthesis,Polycyclic Aromatic Compounds,,2022
- Mohammadi, F., Yousefi, M., Ghahremanzadeh, R.,Green Synthesis, Characterization and .8
Antimicrobial Activity of Silver Nanoparticles (AgNps) Using Leaves and Stems Extract of Some
.Plants,Advanced Journal of Chemistry, Section A,2019 9 1
- Norahan, M.H., Amroon, M., Ghahremanzadeh, R., Rabiee, N., Baheiraei, N.,Reduced graphene .9
oxide: Osteogenic potential for bone tissue engineering,IET Nanobiotechnology,,2019 9 1
- Ali, E., Naimi ,& Jamal, M.R., Ghahramanzadeh, R.,One-Pot Multicomponent Synthesis of .10
Pyrano[2,3 c]pyrazole Derivatives Using CMCSO₃H as a Green Catalyst,ChemistrySelect,,2019 8
.23
- Ghahremanzadeh, R., Yazdi Samadi, F., Yousefi, M.,Green synthesis of gold nanoparticles .11
using three medicinal plant extracts as efficient reducing agents,Iranian Journal of Chemistry
.and Chemical Engineering,,2019 2 1
- Norahan, M.H., Amroon, M., Ghahremanzadeh, R., Mahmoodi, M., Baheiraei, N.,Electroactive .12
graphene oxide-incorporated collagen assisting vascularization for cardiac tissue
.engineering,Journal of Biomedical Materials Research - Part A,,2019 1 1
- Nejadmoghaddam, M. , R., Minai , Tehrani, A., Ghahremanzadeh, R., (...), Dinarvand, R., .13
Zarnani, A. , H.,Antibody-Drug Conjugates: Possibilities and Challenges,Avicenna Journal of
.Medical Biotechnology,,2019
- Zarnani, A. , H., Nejadmoghaddam, M. , R., Moghaddam, M.M., (...), Eskandari, M., .14
Ghahremanzadeh, R.,Bioimaging based on antibody-conjugated amphiphilic polymer-core@shell
.quantum dots,Emerging Materials Research,,2018 11 9
- Rashid, Z., Naeimi, H., Zarnani, A. ,& H., Mohammadi, F., Ghahremanzadeh, R.,Facile .15
fabrication of nickel immobilized on magnetic nanoparticles as an efficient affinity adsorbent for
.purification of his-tagged protein,Materials Science and Engineering C,,2017 11 1
- Rashid, Z., Soleimani, M., Ghahremanzadeh, R., Vossoughi, M., Esmaili, E.,Effective surface .16
modification of MnFe₂O₄@SiO₂@PMIDA magnetic nanoparticles for rapid and high-density
.antibody immobilization,Applied Surface Science,,2017
- Nejadmoghaddam, M. , R., Zarnani, A. , H., Ghahremanzadeh, R., (...), Mahmoudi, M., .17
Dinarvand, R.,Placenta-specific1 (PLAC1) is a potential target for antibody-drug conjugate-based
.prostate cancer immunotherapy,Scientific Reports,,2017
- Rashid, Z., Moadi, T., Ghahremanzadeh, R.,Green synthesis and characterization of silver .18
nanoparticles using: Ferula latisecta leaf extract and their application as a catalyst for the safe
.and simple one-pot preparation of spirooxindoles in water,New Journal of Chemistry,,2016
- Rashid, Z., Naeimi, H., Zarnani, A. , H., (...), Nejadmoghaddam, M. , R., Ghahremanzadeh, .19
R.,Fast and highly efficient purification of 6×histidine-tagged recombinant proteins by Ni-
decorated MnFe₂O₄@SiO₂@NH₂@2AB as novel and efficient affinity adsorbent magnetic
.nanoparticles,RSC Advances,2016
- Rashid, Z., Ghahremanzadeh, R., Naeimi, H.,Bargellini condensation of ninhydrin as a ketone .20
.and substituted anilines as nucleophiles,New Journal of Chemistry,,2016
- Rashid, Z., Naeimi, H., Ghahremanzadeh, R.,Highly efficient one-pot four-component .21
Kabachnik-Fields synthesis of novel alpha-amino phosphonates under solvent-free and catalyst-
.free conditions,RSC Advances,2015
- Ghahremanzadeh, R., Rashid, Z., Zarnani, A. ,& H., Naeimi, H.,A facile one-pot ultrasound .22
assisted for an efficient synthesis of 1H-spiro[furo[3,4-b]pyridine-4,3'-indoline]-3-
.carbonitriles,Ultrasonics Sonochemistry,,2014 7 1
- Shakibaei, G.I., Ghahremanzadeh, R., Bazgir, A,Recyclable bimetallic CuFe₂O₄ nanoparticles: .23
An efficient catalyst for one-pot three-component synthesis of novel dicyanomethyl-2-

.oxindolin-3-ylthiocarboxylic acids in a green solvent, *Monatshefte für Chemie*, 2014 6 1

Naeimi, H., Rashid, Z., Zarnani, A. , & H., Ghahremanzadeh, R., Nanocrystalline magnesium .24
oxide: An efficient promoter and heterogeneous nano catalyst for the one-pot synthesis of
.pyrazolotriazoles in green medium, *Journal of Nanoparticle Research*, 2014 5 1

Amanpour, T., Bazgir, A., Ardekani, A.M., Ghahremanzadeh, R., Pseudo five-component .25
synthesis of 5-phenyldihydrospiro[diindenopyridine- indenoquinoxaline]dione derivatives via a
.one-pot condensation reaction, *Monatshefte für Chemie*, 2014 4 1

Naeimi, H., Rashid, Z., Zarnani, A. , & H., Ghahremanzadeh, R., MnFe₂O₄@NH₂@2AB-Ni: A .26
novel, highly active, stable and magnetically recoverable nanocatalyst and use of this
heterogeneous catalyst in green synthesis of spirooxindoles in water, *New Journal of
.Chemistry*, 2014 11 1

Sadabad, H.R., Bazgir, A., Eskandari, M., Ghahremanzadeh, R., Pseudo five-component .27
reaction of isocyanides, dialkyl acetylenedicarboxylates, and 2,3-dichloronaphthalene-1,4-dione: A
highly diastereoselective synthesis of novel dispiro[furan-2,1'-naphthalene-4',2"-furan]
.derivatives, *Monatshefte für Chemie*, 2014 11 1

Ghahremanzadeh, R., Rashid, Z., Zarnani, A. , & H., Naeimi, H., Highly active magnetically .28
separable CuFe₂O₄ nanocatalyst: An efficient catalyst for the green synthesis of
tetrahydrofuro[3,4-b]quinoline-1,8(3H,4H) dione derivatives, *Journal of the Iranian Chemical
.Society*, 2014 10 1

Naeimi, H., Rashid, Z., Zarnani, A.H., Ghahremanzadeh, R., Efficient synthesis of novel spiro- .29
furo-pyrido-pyrimidine-indolines by manganese ferrite nanoparticles as a highly active
.magnetically reusable nanocatalyst in water, *New Journal of Chemistry*, 2014 1 1

Ghahremanzadeh, R., Rashid, Z., Zarnani, A. , & H., Naeimi, H., A rapid and high efficient .30
microwave promoted multicomponent domino reaction for the synthesis of spirooxindole
.derivatives, *Journal of Industrial and Engineering Chemistry*, 2014

Ghahremanzadeh, R., Rashid, Z., Zarnani, A. , & H., Naeimi, H., Inorganic-organic hybrid silica .31
based tin complex as a novel, highly efficient and recyclable heterogeneous catalyst for the one-
.pot preparation of spirooxindoles in water, *Dalton Transactions*, 2014

Ghahremanzadeh, R., Rashid, Z., Zarnani, A. , & H., Naeimi, H., Manganese ferrite nanoparticle .32
.catalyzed tandem and green synthesis of spirooxindoles, *RSC Advances*, 2014

Ghahremanzadeh, R., Hosseini, G., Akbarzadeh, R., Bazgir, A., A new reaction of isatin, cyclic .33
1,3-diketone, and 2-cyanoacetamide: A four-component synthesis of spirooxindoles, *Journal of
.Heterocyclic Chemistry*, 2013 3 1

Bazgir, A., Hosseini, G., Ghahremanzadeh, R., Copper ferrite nanoparticles: An efficient and .34
reusable nanocatalyst for a green one-pot, three-component synthesis of spirooxindoles in
.water, *ACS Combinatorial Science*, 2013 10 14

Imani Shakibaei, G., Ghahremanzadeh, R., Bazgir, A., CuFe₂O₄ nanoparticles: A magnetically .35
retrievable catalyst for green synthesis of novel 2-(3-(Dicyanomethyl)-2-Oxindolin-3-
.Ylthio)acetic acids, *Phosphorus, Sulfur and Silicon and the Related Elements*, 2013 10 1

Naeimi, H., Rashid, Z., Zarnani, A.H., Ghahremanzadeh, R., An efficient one-pot .36
multicomponent synthesis of 4-Aza-podophyllotoxin derivatives in ionic liquid, *Journal of
.Chemistry, -*, 2013

Ghahremanzadeh, R., Rashid, Z., Zarnani, A.H., Naeimi, H., Synthesis of novel spirooxindoles .37
in water by using MnFe₂O₄ nanoparticles as an efficient magnetically recoverable and reusable
.catalyst, *Applied Catalysis A: General*, 2013

Shirvan, S.A., Ghahremanzadeh, R., Moghaddam, M.M., (...), Zarnani, A.H., Akhondi, M.M., A .38
novel method for the synthesis of spiro[indoline-pyrazolo[4',3':5,6] pyrido[2,3-d]pyrimidine]triones
.by alum as a reusable catalyst: *Journal of Heterocyclic Chemistry*, 2012 7 1

Mirhosseini Moghaddam, M., Bazgir, A., Mohammad Mehdi, A., Ghahremanzadeh, R., Alum .39
(KAl(SO₄)₂·12H₂O) catalyzed multicomponent transformation: Simple, efficient, and green

route to synthesis of functionalized spiro[chromeno[2,3-d]pyrimidine-5,3'-indoline]-tetraones in ionic liquid media, *Chinese Journal of Chemistry*, 2012 3 1

Ghahremanzadeh, R., Moghaddam, M.M., Bazgir, A., Akhondi, M.M., An efficient four-component synthesis of spiro[indoline-pyrazolo[4', 3':5,6]pyrido[2,3-d]pyrimidine]triones, *Chinese Journal of Chemistry*, 2012 2 1

Jadidi, K., Ghahremanzadeh, R., Mirzaei, P., Bazgir, A., Three-component synthesis of spiro[indoline-3,5'-pyrimido[4,5-b] quinoline]-triones in water, *Journal of Heterocyclic Chemistry*, 2011 9 1

Jadidi, K., Ghahremanzadeh, R., Mirzaei, P., Bazgir, A., Three-component synthesis of spiro[indoline-3,5'-pyrimido[4,5-b] quinoline]-triones in water, *Journal of Heterocyclic Chemistry*, 2011 9 1

Ardekani, A.M., Fard, S.S., Jeddi, & Tehrani, M., Ghahremanzadeh, R., Bryostatins-1, fenretinide and 1 α , 25 (OH) 2D 3 induce growth inhibition, apoptosis and differentiation in T and B cell-derived acute lymphoblastic leukemia cell lines (CCRF-CEM and Nalm-6), *Avicenna Journal of Medical Biotechnology*, 2011 10 1

Ghahremanzadeh, R., Fereshtehnejad, F., Mirzaei, P., Bazgir, A., Ultrasound-assisted synthesis of 2,2'-(2-oxoindoline-3,3'-diyl)bis(1H-indene-1,3(2H)-dione) derivatives, *Ultrasonics Sonochemistry*, 2011 1 1

Ghahremanzadeh, R., Fereshtehnejad, F., Bazgir, A., One-pot synthesis of spiro[diindeno[1,2-b:2',1'-e]pyridine-11, 3'-indoline]-triones, *Journal of Heterocyclic Chemistry*, 2010 9 1

Ghahremanzadeh, R., Amanpour, T., Bazgir, A., Pseudo four-component synthesis of benzopyranopyrimidines, *Tetrahedron Letters*, 2010 8 11

Ghahremanzadeh, R., Fereshtehnejad, F., Yasaei, Z., Amanpour, T., Bazgir, A., One-pot and three-component synthesis of spiro[chromeno[2,3-d] pyrimidine-5,3'-indoline]-diones and spiro[chromeno[2,3-c] pyrazole-4,3'-indoline]-diones, *Journal of Heterocyclic Chemistry*, 2010 7 1

Imani Shakibaei, G., Feiz, A., Ghahremanzadeh, R., Bazgir, A., Three-component synthesis of 2-oxoindolin-3-ylphosphonates, *Chemical and Pharmaceutical Bulletin*, 2010 7 1

Ghahremanzadeh, R., Fereshtehnejad, F., Bazgir, A., Chromeno[2,3-d]pyrimidine-triones synthesis by a three-component coupling reaction, *Chemical and Pharmaceutical Bulletin*, 2010 4 1

Shakibaei, G.I., Samadi, S., Ghahremanzadeh, R., Bazgir, A., Simple and catalyst-free synthesis of oxoindolin-3-yl phosphonates, *Journal of Combinatorial Chemistry*, 2010 3 8

Ghahremanzadeh, R., Amanpour, T., Sayyafi, M., Bazgir, A., One-pot, three-component synthesis of spiro[naphthopyrano[2,3-d]pyrimidine- 5,3'-indolines in water, *Journal of Heterocyclic Chemistry*, 2010 3 1

Bazgir, A., Ahadi, S., Ghahremanzadeh, R., Khavasi, H.R., Mirzaei, P., Ultrasound-assisted one-pot, three-component synthesis of spiro[indoline-3,4'-pyrazolo[3,4-b]pyridine]-2,6'(1'H)-diones in water, *Ultrasonics Sonochemistry*, 2010 2 1

Ghahremanzadeh, R., Ahadi, S., Shakibaei, G.I., Bazgir, A., Grindstone chemistry: one-pot synthesis of spiro[diindenopyridine-indoline]triones and spiro[acenaphthylene-diindenopyridine]triones, *Tetrahedron Letters*, 2010 1 20

Ghahremanzadeh, R., Shakibaei, G.I., Ahadi, S., Bazgir, A., One-pot, pseudo four-component synthesis of a spiro[diindeno[1,2-b:2', 1'-e]pyridine-11,3'-indoline] -trione library, *Journal of Combinatorial Chemistry*, 2010 1 11

Nabid, M.R., Rezaei, S.J.T., Ghahremanzadeh, R., Bazgir, A., Ultrasound-assisted one-pot, three-component synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-diones, *Ultrasonics Sonochemistry*, 2010 1 1

Ghahremanzadeh, R., Amanpour, T., Bazgir, A., Clean synthesis of spiro[indole-3,8'-phenaleno[1,2-b]pyran]-9'- carbonitriles and spiro[indole-3,4'-pyrano[4,3-b]pyran]-3'- carbonitriles by one-pot, three-component reactions, *Journal of Heterocyclic Chemistry*, 2010

- Ghahremanzadeh, R., Sayyafi, M., Ahadi, S., Bazgir, A., Novel one-pot, three-component .57
synthesis of spiro[indoline-pyrazolo[4,3':5,6]pyrido[2,3-d]pyrimidine]trione library, Journal of
.Combinatorial Chemistry,,2009 5 11
- Jadidi, K., Ghahremanzadeh, R., Bazgir, A., Efficient synthesis of spiro[chromeno[2,3- .58
d]pyrimidine-5,3'-indoline]-tetraones by a one-pot and three-component reaction, Journal of
.Combinatorial Chemistry,,2009 5 11
- Jadidi, K., Ghahremanzadeh, R., Bazgir, A., Spirooxindoles: reaction of 2,6- .59
.diaminopyrimidin-4(3H)-one and isatins, Tetrahedron, 2009 3 7
- Ghahremanzadeh, R., Ahadi, S., Bazgir, A., A one-pot, four-component synthesis of alpha- .60
.carboline derivatives, Tetrahedron Letters, 2009 12 30
- Bazgir, A., Khanaposhtani, M.M., Ghahremanzadeh, R., Soorki, A.A., A clean, three-component .61
and one-pot cyclo-condensation to pyrimidine-fused heterocycles, Comptes Rendus Chimie,,2009
.12 1
- Ahadi, S., Ghahremanzadeh, R., Mirzaei, P., Bazgir, A., Synthesis of .62
spiro[benzopyrazolonaphthyridine-indoline]-diones and spiro[chromenopyrazolopyridine-indoline]-
.diones by one-pot, three-component methods in water, Tetrahedron,,2009 11 7
- Ghahremanzadeh, R., Amanpour, T., Bazgir, A., An efficient, three-component synthesis of .63
spiro[benzo[g]chromene-4, 3'-indoline]-3-carbonitrile and spiro[indoline-3,5'-pyrano[2,3-d]
.pyrimidine]-6'-carbonitrile derivatives, Journal of Heterocyclic Chemistry, 2009 11 1
- Ghahremanzadeh, R., Ahadi, S., Sayyafi, M., Bazgir, A., Reaction of phthalhydrazide and .64
acetylenedicarboxylates in the presence of N-heterocycles: an efficient synthesis of phthalazine
.derivatives, Tetrahedron Letters,,2008 7 21
- Ghahremanzadeh, R., Shakibaei, G.I., Bazgir, A., An efficient one-pot synthesis of 1H- .65
.pyrazolo[1,2-b]phthalazine-5,10-dione derivatives, Synlett,,2008 5 5
- Jadidi, K., Ghahremanzadeh, R., Mehrdad, M., Ghanbari, M., Arvin, & Nezhad, H., A simple .66
indirect route for the synthesis of N-alkyl-4-imino-1,4-dihydro-2H-3,1-benzoxazin-2-
.ones, Monatshefte für Chemie,,2008 3 1
- Jadidi, K., Ghahremanzadeh, R., Mehrdad, M., (...), Khavasi, H.R., Asgari, D., A facile synthesis of .67
novel pyrrolizidines under classical and ultrasonic conditions, Ultrasonics Sonochemistry,,2008 2
.1
- Jadidi, K., Ghahremanzadeh, R., Asgari, D., Eslami, P., Arvin, & Nezhad, H., Eco-friendly .68
synthesis of 1,4-benzodiazepine-2,5-diones in the ionic liquid [bmim]Br, Monatshefte für
.Chemie, 2008 10 1
- Jadidi, K., Ghahremanzadeh, R., Asgari, D., Eslami, P., Arvin, & Nezhad, H., Eco-friendly .69
synthesis of 1,4-benzodiazepine-2,5-diones in the ionic liquid [bmim]Br, Monatshefte für
.Chemie, 2008 10 1
- Ghahremanzadeh, R., Azimi, S.C., Gholami, N., Bazgir, A., Clean synthesis and antibacterial .70
activities of spiro[pyrimido[4,5-b]-quinoline-5,5'-pyrrolo[2,3-d]pyrimidine]-pentaones, Chemical and
.Pharmaceutical Bulletin,,2008
- Jadidi, K., Moghaddam, M.M., Aghapoor, K., Ghahremanzadeh, R., The synthesis of novel .71
pyrrolizidines under classical, ionic liquid and solvent-free microwave-assisted conditions, Journal
.of Chemical Research,,2007 2 1
- Habibi, Z., Aghaie, H.R., Ghahremanzadeh, R., Composition of the Essential Oils of Ferula .72
szowitsiana DC., Artedia squamata L. and Rhabdosciadium petiolare Boiss. & Hausskn. ex Boiss.
.Three Umbelliferae Herbs Growing Wild in Iran, Journal of Essential Oil Research,,2006 10 1