**Personal Information**

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| **Name** | **Kazem Karami** |
| **Marital status****Official Address** | MarriedDepartment of Chemistry, Isfahan University of Technology, Isfahan, 84156-83111, IRAN |
| **Home Address** | Daneshgah Blvd 5/3Isfahan, Iran |
| **Phone** | +983113913239 |
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| **Skype name** | ………………….. |
| **Date/place of birth** | 03/30/1966- Ilam, Iran |
| **Nationality** | Iranian |

**Education and Training**

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| **10/2020-present** | Professor of Inorganic Chemistry (Department of Chemistry, Isfahan University of Technology, Isfahan, 84156-83111, IRAN) |
| **02/2018-08/2018** | Postdoctoral researcher in the group of Dr. Jose Vicente and Isabel Saura Llamas, University of Murcia , Spain |
| **10/2000- 04/2006**  | Ph.D. in inorganic Chemistry (Department of Chemistry, Bu-Ali Sina University, Hamedan, Iran).**Thesis title:** Synthesis and Characterization of keto-stabilize phosphorus ylides and Pt(0), Pd(0), Ag(I), Rh(III) mononuclear cyclopalladated complexes with multinuclear NMR study and X-ray analysis methods. |
| **6/2016-11/2016** | Research internship in the group of Dr. Manuel van Gemmeren, Westfälische Wilhelms-Universität Münster, Germany. |
| **3/2016-11/2016** | Research internship in the group of Prof. Frank Glorius, Westfälische Wilhelms-Universität Münster, Germany |
| **09/1995-06/1997** | M.Scin Inorganic Chemistry (Department of Chemistry,  Tehran University of Teacher training, Tehran, Iran)**Thesis title:** Synthesis & Characterization of Complexes Benzoyl methylentriphenyl Phosphorane with elements of Cobalt & Nickle & Copper & Cadmium & Chromium & Lanthanum. |
| **10/1988-02/1991** | B.Scin Pure Chemistry (Department of Chemistry Lorestan University, Lorestan, Iran). |

**Honours and awards**

Top rank research assistant in University of (**2015 and** **2017**).

Rank 1st in Ph.D. among … students (**2013- 2017**).

Top rank teaching assistant in University of (**2015**).

Ranked 1st in M.Sc among … students (**2010**).

Ranked 1st in B.Sc among … students (**2008**).

**Work Experiences**

**Lecturing to undergraduate and graduate student on:**

Advance Inorganic Chemistry, Group Theory in Inorganic Chemistry, Structure and bonding, Inorganic Chemistry (I), Inorganic Chemistry (II), Organometallic Chemistry, Environmental Chemistry, General Chemistry (I), General Chemistry (II), Inorganic Chemistry Lab, General Chemistry Lab.

**Supervising and Mentoring Activities**

* Supervising **2** Postdoctoral researcher.
* Supervising **13** Doctoral degree students.
* Supervising **39** Master’s degree students.
* Supervising **10** Bachelor’s degreestudents.
* Supervising **2** Doctorate proposals.
* Supervising **50** Postdoctoral proposals.
* Advisoring **10** Doctoral degree students.
* Advisoring **25** Master’s degree students.
* Working as the referee of more than 100 ISI papers
* Member of editorial board of more than 15 research projects of the vice President for Scince.

**Field of research:**

1. 1: Design of new molecules with biochemical propertiesThe general objective of the project, involves the design, realization, characterization and pre-competitive development of new molecules with predetermined biochemical properties;• Stru
2. 2:Coordination chemistry of orthopalladated complexes & Heterogeneous and homogeneous catalyses
3. Orthopalladation of first amines and reactions with Keto stabilized Phosphorus ylide. Cyclopalladation of Keto stabilized Phosphorus ylide
4. BSA nanoparticles as controlled release carriers for isophethalaldoxime palladacycle complex; synthesis, characterization, in vitro evaluation, cytotoxicity and release
5. BSA nanoparticles as controlled release carriers for isophethalaldoxime palladacycle complex; synthesis, characterization, in vitro evaluation, cytotoxicity and release

**Publications**

1. Palladium complexes with 3-phenylpropylamine ligand: synthesis, structures, theoretical studies and application in the aerobic oxidation of alcohols as a heterogeneous catalyst. [***kazem karami***](http://pubs.rsc.org/en/results?searchtext=Author%3Akazem%20karami)***,***   [Nasrin Haghighat Naeini](http://pubs.rsc.org/en/results?searchtext=Author%3ANasrin%20Haghighat%20Naeini),   [Václav Eigner](http://pubs.rsc.org/en/results?searchtext=Author%3AV%C3%A1clav%20Eigner),   [Michal Dušek](http://pubs.rsc.org/en/results?searchtext=Author%3AMichal%20Du%C5%A1ek),   [Janusz Lipkowski](http://pubs.rsc.org/en/results?searchtext=Author%3AJanusz%20Lipkowski),   [Pablo Hervés](http://pubs.rsc.org/en/results?searchtext=Author%3APablo%20Herv%C3%A9s) and   [Hossein Tavakol](http://pubs.rsc.org/en/results?searchtext=Author%3AHossein%20Tavakol), **RSC Adv*.***, 2015, **DOI:** 0.1039/C5RA17249G
2. Design and synthesis of a novel trinuclear palladium(II)complex containing an oxime chelate ligand:determining the interaction mechanism with the DNA groove and BSA site I by spectroscopic andmolecular dynamics simulation approaches. ***Kazem Karami,*** Zohreh Mehri Lighvan, a Somayeh Asgari Barzani, Ali Yeganeh Faal, Marziyeh Poshteh-Shirani, Taghi Khayamian, Va´clav Eignerc and Michal Dus. New J. Chem., 2015, 39, 8708—8719.
3. Synthesis, spectral characterization, crystal structure and in vitro DNA/protein binding studies of phosphorous ylide palladacyclic complexes containing azide group. ***Kazem Karami***, Zahra Shirani-Sarmazeh, Mahboubeh Hosseini-Kharat, Janusz Lipkowski,Maryam Saeidifar. Journal of Photochemistry and Photobiology B: Biology 144 (2015) 11–19
4. Palladium nanoparticles supported on cucurbit[6]uril: an efficient heterogeneous catalyst for the Suzuki reaction under mild conditions. ***K. Karami*** and N. Haghighat Naeini, Appl. Organometal. Chem. 2015, 29, 33–39
5. Mono- and binuclear orthopalladated complexes of phosphorus ylides containing nitrogen, phosphorus or bridging diphosphine ligands: Self-assembly, theoretical calculations and comparative catalytic activity. ***Kazem Karami*** , Sedigheh Abedanzadeh, Firoozeh Yadollahi a, Orhan üyükgünguor,Hossein Farrokhpour a, Corrado Rizzoli c, Janusz Lipkowski Journal of Organometallic Chemistry 781 (2015) 35-46.
6. In vitro cytotoxicity studies of palladacyclic complexes containing the symmetric diphosphine bridging ligand. Studies of their interactions with DNA and BSA. ***Kazem Karami***, , Mahboubeh Hosseini-Kharat a, Hojjat Sadeghi-Aliabadi b,Janusz Lipkowski c, Mina Mir European Journal of Medicinal Chemistry 73 (2014) 8-17.
7. P,C-palladacycle complexes of triphenylphosphite: Synthesis, characterization and catalytic activity in the Suzuki cross-coupling reaction. ***Kazem Karami***, , Shokouh Esfarjani a, Sedigheh bedanzadeh a, Janusz Lipkowski Polyhedron 68 (2014) 249–257.
8. Palladium particles from oxime-derived palladacycle supported on Fe3O4/oleic acid as a catalyst for the copper-free Sonogashira cross-coupling reaction. ***Kazem Karami***, , Samaneh Dehghani Najvani a, Nasrin Haghighat Naeini a, Pablo Hervés .Chinese Journal of Catalysis 36 (2015) 1047–1053
9. [Synthesis and characterization of 2-phenylaniline cyclopalladated complexes, ***Karami, K***., Rizzoli, C., Rahimi, N., Transition Metal Chemistry 36 (8) , pp. 841-846, 2011](http://karami.iut.ac.ir/content/synthesis-and-characterization-of-2-phenylaniline-cyclopalladated-complexes-%E2%80%A2-karami-k-rizzo)
10. [Characterization Reaction of Benzoyl Methylene Triphenylphosphorane and Benzoyl Methylene Tri-n-buthylphosphorane with Rhodium (III) and Ruthenium (III) Chloride. A Multinuclear NMR Study Phosphorus, Sulfur, and Silicon and the Related Elements (July](http://karami.iut.ac.ir/content/characterization-reaction-of-benzoyl-methylene-triphenylphosphorane-and-benzoyl-methylene-tr)
11. [Synthesis and characterization of cyclopalladated complexes of benzylamine by IR and NMR spectroscopy studies. ***Kazem karami***. Journal of Coordination Chemistry Volume 61, Issue 16, 2008, Pages 2584-2589](http://karami.iut.ac.ir/content/synthesis-and-characterization-of-cyclopalladated-complexes-of-benzylamine-by-ir-and-nmr-spe)
12. 2)[Synthesis, spectroscopic and X-ray structural studies of silver(I) complexes of α-keto stabilized phosphorus ylides, ***Karami, K***., Buyukgungor, O., Journal of Coordination Chemistry 62 (18) , pp. 2949-2956, 2009.](http://karami.iut.ac.ir/content/synthesis-spectroscopic-and-x-ray-structural-studies-of-silveri-complexes-of-%CE%B1-keto-stabiliz)
13. [Triphenyl[(4-phenylbenzoyl)methyl]phosphonium trifluoromethanesulfonate, • Rizzoli, C., ***Karami, K***., Salah, M.M., Acta Crystallographica Section E: Structure Reports Online 66 (10) , pp. o2675-o2676, 2010.](http://karami.iut.ac.ir/content/triphenyl4-phenylbenzoylmethylphosphonium-trifluoromethanesulfonate-%E2%80%A2-rizzoli-c-karami-k-sal)
14. [Oxygen- versus carbon-coordination of the alpha-stabilized phosphorus ylide Ph3P=C(H)R in palladacycles bearing secondary amines, ***Karami, K***., Salah, M.M., Transition Metal Chemistry 36 (4) , pp. 363-367, 2011.](http://karami.iut.ac.ir/content/oxygen-versus-carbon-coordination-of-the-alpha-stabilized-phosphorus-ylide-ph3pchr-in-pallad)
15. [Di-μ-iodido-bis{[(4-fluorobenzoylmethylene)triphenylλ5phosphorane]iodido mercury (II)}Acta Crystallographica Section E (May 2008), 64 (5), pg. m612-m613Mehmet Akkurt; ***Kazem Karami***; Şerife Pınar Yalçın; Orhan Büyükgüngör](http://karami.iut.ac.ir/content/di-%CE%BC-iodido-bis4-fluorobenzoylmethylenetriphenyl%CE%BB5phosphorane-iodido-mercuryiiacta-crystallo)
16. [Application of dimeric orthopalladate complex of homoveratrylamine as an efficient catalyst in the Heck cross-coupling reaction, Hajipour, A.R., ***Karami, K***., Pirisedigh, A., Ruoho, A.E., Journal of Organometallic Chemistry 694 (16) , pp. 2548-2554, 200](http://karami.iut.ac.ir/content/application-of-dimeric-orthopalladate-complex-of-homoveratrylamine-as-an-efficient-catalyst-)
17. [Synthesis, spectroscopic and structural characterization of orthopalladated complexes with 4-phenylbenzoylmethylene triphenyl phosphorane ylide, ***Karami, K***., Büyükgüngör, O., Dalvand, H., Transition Metal Chemistry 35 (5) , pp. 621-626, 2010.](http://karami.iut.ac.ir/content/synthesis-spectroscopic-and-structural-characterization-of-orthopalladated-complexes-with-4-)
18. [Orthopalladation of phosphorus ylides in endo position with bidentate ligands, ***Karami,*** ***K***., Rizzoli, C., Borzooie, F., Polyhedron 30 (5) , pp. 778-784, 2011.](http://karami.iut.ac.ir/content/orthopalladation-of-phosphorus-ylides-in-endo-position-with-bidentate-ligands-karami-k-rizzo)
19. [An efficient Stille cross-coupling reaction catalyzed by ortho-palladated complex of tribenzylamine under microwave irradiation, Hajipour, A.R., ***Karami, K***., Rafiee, F., Applied Organometallic Chemistry 26 (1) , pp. 27-31,2012.](http://karami.iut.ac.ir/content/an-efficient-stille-cross-coupling-reaction-catalyzed-by-ortho-palladated-complex-of-tribenz)
20. [PREPARATION AND MULTINUCLEAR NMR STUDY OF BENZOYL.METHYLENE TRIPHENYLPHOSPHORNE AND BENZOYL METHYLENETRI-N-BUTYLPHOSPHORANE PT (0) AND PD (0) COMPLEXES](http://karami.iut.ac.ir/content/preparation-and-multinuclear-nmr-study-of-benzoylmethylene-triphenylphosphorne-and-benzoyl-m)
21. [(4-Methoxy-benzoyl-meth-yl)triphenyl-phospho-niumtrifluoro-methane- ulfonate ***Karami, K***., Büyükgüngör, O. Acta Crystallographica Section E: Structure Reports Online 65 (2) , pp. o296,](http://karami.iut.ac.ir/content/4-methoxy-benzoyl-meth-yltriphenyl-phospho-nium-trifluoro-methane-sulfonatekarami-ka-b%C3%BCy%C3%BCkg%C3%BC)
22. [Accelerated Heck reaction using ortho-palladated complex with controlled microwave heating, Hajipour, A.R., ***Karami, K***., Pirisedigh, A., Applied Organometallic Chemistry 23 (12) , pp. 504-511, 2009.](http://karami.iut.ac.ir/content/accelerated-heck-reaction-using-ortho-palladated-complex-with-controlled-microwave-heating-%E2%80%A2)
23. [Synthesis and application of ortho-palladated complex of (4-phenylbenzoylmethylene)triphenylphosphorane as a highly active catalyst in the Suzuki cross-coupling reaction, ***Karami, K***., Rizzoli, C., Salah, M.M., Journal of Organometallic Chemistry 2011](http://karami.iut.ac.ir/content/synthesis-and-application-of-ortho-palladated-complex-of-4-phenylbenzoylmethylenetriphenylph)
24. [A comparative homocoupling reaction of aryl halides using monomeric orthopalladated complex of 4-methoxybenzoylmethylenetri-phenylphosphorane under conventional and microwave irradiation conditions, Hajipour, A.R., ***Karami, K***., Tavakoli, G., Applied Organ](http://karami.iut.ac.ir/content/a-comparative-homocoupling-reaction-of-aryl-halides-using-monomeric-orthopalladated-complex-)
25. [Preparation and Characterization of Ni(II), Co(II) and Cr(III) Complexes with Benzoylmethylene triphenyl phosphineEmad, A., ***Karami, K***. 2000 Iranian Journal of Chemistry and Chemical Engineering 19 (1) , pp. 19-23](http://karami.iut.ac.ir/content/preparation-and-characterization-of-niii-coii-and-criii-complexes-with-benzoylmethylene-trip)
26. [Synthesis, characterization, and spectroscopic studies of palladium(II) and silver(I) complexes of 4-methoxybenzoylmethylenetriphenylphosphorane and 4-fluorobenzoylmethylenetriphenylphosphorane Transition Metal Chemistry (October 2008), 33 (7), pg.](http://karami.iut.ac.ir/content/synthesis-characterization-and-spectroscopic-studies-of-palladiumii-and-silveri-complexes-of)
27. [Synthesis and characterization of new Pd(II) complexes of l-ethylphenylalanate, • Hajipour, A.R., ***Karami, K***., Pirisedigh, A., Ruoho, A.E., Amino Acids 37 (3) , pp. 537-541, 2009.](http://karami.iut.ac.ir/content/synthesis-and-characterization-of-new-pdii-complexes-of-l-ethylphenylalanate-%E2%80%A2-hajipour-ar-k)
28. [Synthesis and characterization of orthopalladated complexes of 4-chloro benzoylmethylene triphenylphosphorane and their application in Suzuki cross-coupling, ***Karami, K***., Journal of Coordination Chemistry 63 (20) , pp. 3688-3696, 2010.](http://karami.iut.ac.ir/content/synthesis-and-characterization-of-orthopalladated-complexes-of-4-chloro-benzoylmethylene-tri)
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30. [Cyclopalladated complexes of 2-phenylaniline and their catalytic activityin Suzuki and Heck reactions under mild conditions ***Kazem Karami*** , Naser Rahimi, Mahlagha Bahrami Shehni Tetrahedron Letters 53 (2012) 2428–2431](http://karami.iut.ac.ir/content/cyclopalladated-complexes-of-2-phenylaniline-and-their-catalytic-activityin-suzuki-and-heck-)
31. [Synthesis and characterisation of Hg (II) and Ag (I) complexes of 4-fluorobenzoyl methylene- triphenyl phosphorane and 4-chlorobenzoyl methylenetriphenyl phosphorane, with spectroscopic studies](http://karami.iut.ac.ir/content/synthesis-and-characterisation-of-hg-ii-and-ag-i-complexes-of-4-fluorobenzoyl-methylene-trip). ***kazem karami.***
32. [X-ray and spectroscopy studies of antisymbiotic effect O-23)coordination of the 4-methoxy benzoyl methylene triphenyl phosphorane ligand in palladium(II) complex, ***Karami, K***., Büyükgüngör, O. Inorganica Chimica Acta 362 (6) , pp. 2093-209](http://karami.iut.ac.ir/content/x-ray-and-spectroscopy-studies-of-antisymbiotic-effect-o-coordination-of-the-4-methoxy-benzo)
33. [Palladium-catalyzed cyanation reaction of aryl halides using K 4[Fe(CN)6] as non-toxic source of cyanide undermicrowave irradiation, Hajipour, A.R., ***Karami, K***., Pirisedigh, A., Applied Organometallic Chemistry 24 (6) , pp. 454-457, 2010.](http://karami.iut.ac.ir/content/palladium-catalyzed-cyanation-reaction-of-aryl-halides-using-k-4fecn6-as-non-toxic-source-of)
34. [An efficient palladium catalytic system for microwave assisted cyanation of aryl halides, Hajipour, A.R., ***Karami, K***., Tavakoli, G., Pirisedigh, A., Journal of Organometallic Chemistry 696 (4) , pp. 819-824, 2011.](http://karami.iut.ac.ir/content/an-efficient-palladium-catalytic-system-for-microwave-assisted-cyanation-of-aryl-halides-%E2%80%A2-h)
35. [Synthesis, characterization, crystal and molecular structure analysis of Di-μ-chlorido-bis{[(4-bromobenzoylmethylene) triphenyl-λ 5- phosphorane]chloridomercury(II)}, ***Karami, K***.,](http://karami.iut.ac.ir/content/synthesis-characterization-crystal-and-molecular-structure-analysis-of-di-%CE%BC-chlorido-bis4-br)
36. An efficient Stille cross-coupling reaction catalyzed by ortho-palladated complex of tribenzylamine under microwave irradiation Abdol R. Hajipoura, , ***Kazem Karami*** and Fatemeh Rafiee Appl. Organometal. Chem. 2012, 26, 27–31
37. Synthesis and structural studies of cyclopalladated complexes of secondary benzylamines ***Kazem Karami***, , Mahboubeh Hosseini Kharat a, Corrado Rizzoli b, Janusz Lipkowski Journal of Organometallic Chemistry 728 (2013) 16-22
38. ) Dinuclear bridged biphosphinic and mononuclear cyclopalladated complexes of benzylamines: Synthesis, structural characterization and antitumor activity ***Kazem Karami***, Mahboubeh Hosseini kharat a, Hojjat Sadeghi-Aliabadi, Janusz Lipkowski, Mina Mirian. Polyhedron 50 (2012) 187–192
39. Application of a dimeric P,C-palladacycle complex as a catalyst in Suzuki and Heck cross-coupling reactions ***Kazem Karami***, Mahdiyeh Ghasemi, Nasrin Haghighat Naeini, Tetrahedron Letters 54 (2013) 1352–1355
40. Palladium nanoparticles supported on polymer: An efficient and reusable heterogeneous catalyst for the Suzuki cross-coupling reactions and aerobic oxidation of alcohols ***Kazem Karami***, Mahdiyeh Ghasemi, Nasrin Haghighat Naeini. Catalysis Communications 38 (2013) 10–15
41. Synthesis, spectral characterization,and X-ray crystal structure of Pd(II) complexes containing theorthometallated C,C-chelating ligand C6H4-PPh2C(H)C(O)CH2Cl ***Kazem Karami*** , Sara Amouzad a , Mahboubeh Hosseini-Kharat Corrado Rizzoli b Journal of Coordination Chemistry, 2013, 1774-1783
42. Bis (dibenzylidene acetone) palladium (0) catalyst for glycerol oxidation in half cell and in alkaline direct glycerol fuel cell Mohammad Zhiani, Hussein Rostami, Somayeh Majidi, ***Kazem Karami***. i n t e r n a t i o n a l j ournal o f hydrogen energy 3 8 ( 2 0 1 3 ) 5 4 3 5 -5 4 4 1
43. Cyclopalladated complexes of 2-phenylaniline and their catalytic activity in Suzuki and Heck reactions under mild conditions ***Kazem Karami***, Naser Rahimi, Mahlagha Bahrami Shehni Tetrahedron Letters 53 (2012) 2428–2431
44. Catalytic activity of some palladium complexes of a phosphorus ylide and the structure of a 2-phenylaniline-based palladacycle complex ***Kazem Karami***, Nasser Rahimi a, Corrado Rizzoli Polyhedron 59 (2013) 133–137
45. Synthesis, structural and theoretical studies of Pd(II) complexes containing an orthometallated C,C-chelating phosphorus ylide ***Kazem Karami***, Mina Salimian a, Mahboubeh Hosseini-Kharat a, Giuseppe Bruno b,Hadi Amiri Rudbari b, Hossein Tavakol Polyhedron 61 (2013) 143–150/
46. Preparation of a titania-supported highly dispersed palladium nano-catalyst and its application in Suzuki and Heck coupling reactions ***Kazem Karami***, Mahlagha Bahrami Shehni and Nasser Rahimi Appl. Organometal. Chem. 2013, 27, 437–443
47. Polyethylene glycol-supported recyclable NC palladacycle catalyst for Heck cross-coupling reactions ***Kazem Karami***, Zohreh Karami Moghadam, Mahboubeh Hosseini-Kharat Catalysis ommunications 43 (2014) 25–28
48. P,C-palladacycle complexes of triphenylphosphite: Synthesis, characterization and catalytic activity in the Suzuki cross-coupling reaction ***Kazem Karami***, Shokouh Esfarjani, Sedigheh Abedanzadeh, Janusz Lipkowski Polyhedron 68 (2014) 249–257
49. Structural and theoretical studies of mono and di-insertion of symmetric alkynes into the Pd-C s bond of cyclopalladated secondary (tert-butyl and ethyl) benzylamines ***Kazem Karami,*** Mahboubeh Hosseini-Kharat, Corrado Rizzoli, Hossein Tavakol, Janusz Lipkowski Journal of Organometallic Chemistry 752 (2014) 152-160
50. In vitro cytotoxicity studies of palladacyclic complexes containing the symmetric diphosphine bridging ligand. Studies of their interactions with DNA and BSA ***Kazem Karami***, Mahboubeh Hosseini-Kharat, Hojjat Sadeghi-Aliabadi, Janusz Lipkowski, Mina Mirian European Journal of Medicinal Chemistry 73 (2014) 8-17
51. Catalytic Activity of a Dimeric Palladacycle of 2-Phenylaniline in Suzuki and Heck Cross-coupling Reactions ***Kazem Karami***, Zohreh Karami Moghadama, Mahboubeh Hosseini Kharata Universal Journal of Chemistry 2(2): 23-29, 2014
52. Karami, Kazem, et al. "Synthesis of a novel trinuclear palladium complex: the influence of an oxime chelate ligand on biological evaluation towards double-strand DNA, BSA protein and molecular modeling studies." Rsc Advances 6.82 (2016): 78424-78435.
53. ***Kazem Karami***, Sedigheh Abedanzadeh, and Pablo Hervés. "Synthesis and characterization of functionalized titania-supported Pd catalyst deriving from new orthopalladated complex of benzophenone imine: catalytic activity in the copper-free Sonogashira cross-coupling reactions at low palladium loadings." RSC advances 6.96 (2016): 93660-93672.
54. ***Kazem Karami***, et al. "NC Palladacycles and C, C-chelating phosphorus ylide complexes: synthesis, X-ray characterization, and comparison of the catalytic activity in the Suzuki-Miyaura reaction." Journal of Coordination Chemistry 69.5 (2016): 763-778.
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2. ***Kazem Karami***, and Fatemeh Ghaemi. "A study on the relationship between managerial ability and stock price crash risk of the listed firms on the Tehran Stock Exchange (using data envelopment analysis)." International Journal of Humanities and Cultural Studies (IJHCS)​ ISSN 2356-5926 (2016): 1380-1392.
3. Tahmasebzadeh, B., K. Rezazadeh, and ***Kazem Karami***. "Brans-Dicke inflation in light of the Planck 2015 data." Journal of Cosmology and Astroparticle Physics 2016.07 (2016): 006.
4. ***Kazem Karami***, et al. "Synthesis, electronic structure and molecular docking of new organometallic palladium (II) complexes with intercalator ligands: The influence of bridged ligands on enhanced DNA/serum protein binding and in vitro antitumoral activity." Journal of Organometallic Chemistry 827 (2017): 1-14
5. ***Kazem Karami***, et al. "Cyclopalladated complexes containing metformin and benzylamine derivatives: Synthesis, characterization, binding interactions with DNA and BSA, in vitro cytotoxicity studies." Inorganica Chimica Acta 467 (2017): 46-55.
6. ***Kazem Karami***, et al. "Synthesis, characterization and biological activities of two novel orthopalladated complexes: interactions with DNA and bovine serum albumin, antitumour activity and molecular docking studies." Applied Organometallic Chemistry 31.10 (2017): e3740.
7. ***Kazem Karami***, et al. "Orthopalladated complexes of phosphorus ylide: Poly (N‐vinyl‐2‐pyrrolidone)‐stabilized palladium nanoparticles as reusable heterogeneous catalyst for Suzuki and Heck cross‐coupling reactions." Applied Organometallic Chemistry 31.11 (2017): e3768.
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