

# Mehdi Akhlaghi

<https://orcid.org/0000-0002-9920-4358>

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## Also known as

Akhlaghi M

## Websites & Social Links

scopus Author ID: 12807778400 (<https://www.scopus.com/authid/detail.uri?authorId=12807778400>)

google scholar profile page (<https://scholar.google.com/citations?user=JHEqd4EAAAAJ&hl=en>)

## Country

Iran

## Keywords

Nuclear medicine, Organic synthesis, Radiochemistry, Radiopharmaceutical, Quality Control, HPLC, Radio-TLC

## Other IDs

ResearcherID: A-3398-2009 (<http://www.researcherid.com/rid/A-3398-2009>)

Scopus Author ID: 12807778400 (<http://www.scopus.com/inward/authorDetails.url?authorID=12807778400&partnerID=MN8TOARS>)

## Employment (4)

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### Tehran University of Medical Sciences: Tehran, Tehran, IR

2008-01-01 to present | Academic Staff (Research Center for Nuclear Medicine)

Employment

**Source:**Mehdi Akhlaghi

### Atomic Energy Organization of Iran: Tehran, Tehran, IR

2005 to 2009 | Radiopharmaceutical (Nuclear medicine department)

Employment

**Source:**Mehdi Akhlaghi

### Atomic Energy Organization of Iran: Tehran, Tehran, IR

2003 to 2005 | Contract employees (Nuclear Medicine)

Employment

**Source:**Mehdi Akhlaghi

### Cinnagen, <http://cinnagen.com/>: Tehran, IR

2001 to 2003 | Eng (Chemistry)

Employment

**Source:**Mehdi Akhlaghi

## Education and qualifications (3)

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### **Sharif University of Technology: Tehran, Tehran, IR**

2009-01-01 to 2012-01-01 | PHD (Chemistry)

Education

**Source:**Mehdi Akhlaghi

### **Sharif University of Technology: Tehran, Tehran, IR**

2003 | MSc (Chemistry)

Education

**Source:**Mehdi Akhlaghi

### **Urmia University: Urmia, IR**

1997 to 2000 | BSc (Chemistry)

Education

**Source:**Mehdi Akhlaghi

## Funding (9)

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### **Preparation, Ga-68 radiolabeling and biological evaluation of paramagnetic Fe<sub>3</sub>O<sub>4</sub>@thiosemicarbazone dialdehyde dextran@biotin multi-functional nanoparticles as multi-modal PET-MRI agent**

INSF (tehran)

2018 to 2020|Grant

GRANT\_NUMBER: 96006767

**Source:**Mehdi Akhlaghi

### **Synthesis of anti-cancerous thiosemi- and semi-Cabazon ligands, radiolabeling with Ga-67, 68 and in-vivo evaluation in animal models**

TUMS (tehran)

2018 to 2019|Grant

GRANT\_NUMBER: 96-03-58-35638

URL: [https://research.tums.ac.ir/print\\_research\\_new.phtml?xyz=Y29kX3Rhcmg9MjE0ODlmbGF5ZXJzPTAmc25kPTU1JnN5cz0xJm1pZD05NzA-TkRVMk16TSUzRA--](https://research.tums.ac.ir/print_research_new.phtml?xyz=Y29kX3Rhcmg9MjE0ODlmbGF5ZXJzPTAmc25kPTU1JnN5cz0xJm1pZD05NzA-TkRVMk16TSUzRA--) ([https://research.tums.ac.ir/print\\_research\\_new.phtml?xyz=Y29kX3Rhcmg9MjE0ODlmbGF5ZXJzPTAmc25kPTU1JnN5cz0xJm1pZD05NzA-TkRVMk16TSUzRA--](https://research.tums.ac.ir/print_research_new.phtml?xyz=Y29kX3Rhcmg9MjE0ODlmbGF5ZXJzPTAmc25kPTU1JnN5cz0xJm1pZD05NzA-TkRVMk16TSUzRA--))

**Source:**Mehdi Akhlaghi

**Preparation and gallium-68 radiolabeling of bis(dimethylthiosemicarbazone) dialdehyde dextran derivative and primarily in-vitro and in-vivo evaluation radiolabeled macromolecule**

TUMS (tehran)

2017 to 2018|Grant

GRANT\_NUMBER: 94-02-58-29793

URL: [https://research.tums.ac.ir/print\\_research\\_new.phtml?xyz=Y29kX3Rhcmg9Mjk3OTAmbGF5ZXJzPTAmc25kPTU1JnN5cz0zNiZtaWQ9ODA0TkRVMk16TSUzRA--](https://research.tums.ac.ir/print_research_new.phtml?xyz=Y29kX3Rhcmg9Mjk3OTAmbGF5ZXJzPTAmc25kPTU1JnN5cz0zNiZtaWQ9ODA0TkRVMk16TSUzRA--) ([https://research.tums.ac.ir/print\\_research\\_new.phtml?xyz=Y29kX3Rhcmg9Mjk3OTAmbGF5ZXJzPTAmc25kPTU1JnN5cz0zNiZtaWQ9ODA0TkRVMk16TSUzRA--](https://research.tums.ac.ir/print_research_new.phtml?xyz=Y29kX3Rhcmg9Mjk3OTAmbGF5ZXJzPTAmc25kPTU1JnN5cz0zNiZtaWQ9ODA0TkRVMk16TSUzRA--))

**Source:**Mehdi Akhlaghi

**Design and construction of Co-57 production system**

AEOI (tehran)

2008|Grant

GRANT\_NUMBER: NRCAM-84-12-140

**Source:**Mehdi Akhlaghi

**Design and fabrication of [11C] CO2 production system**

NRCAM-87-01-180 (tehran)

2008|Grant

**Source:**Mehdi Akhlaghi

**Design and fabrication of prototype standard sealed point sources and sealed plastic vials from the 57Co radioisotope produced in the cyclotron and nuclear medicine department**

AEOI (tehran)

2008|Grant

GRANT\_NUMBER: NRCAM-85-9-162

**Source:**Mehdi Akhlaghi

**Labeling of chitosan with 111In, quality control of product and investigation of distribution and therapeutic effects on the cancerous tissues of mouse by administration directly to the lesion**

AEOI (tehran)

2009|Grant

GRANT\_NUMBER: NRCAM-85-11-163

**Source:**Mehdi Akhlaghi

**presenting an improved radiochemical method for FDG to increase the yield, decreasing the synthesis time and its quality control**

AEOI (tehran)

2009|Grant

GRANT\_NUMBER: NRCAM-85-9-160

Source:Mehdi Akhlaghi

**Production of [18F]FTHA for kinetic study of myocardial**

AEOI (tehran)

2008|Grant

GRANT\_NUMBER: NRCAM-85-6-153

Source:Mehdi Akhlaghi

**Works (70 of 70)**

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**Synthesis and evaluation of 99mTc-DOTA-ARA-290 as potential SPECT tracer for targeting cardiac ischemic region**

*Iranian Journal of Basic Medical Sciences*

2021-11 | journal-article

DOI: 10.22038/ijbms.2021.57565.12799

Source:Mehdi Akhlaghi

**Development of Ga-68 radiolabeled DOTA functionalized and acetylated PAMAM dendrimer-coated iron oxide nanoparticles as PET/MR dual-modal imaging agent**

*International Journal of Polymeric Materials and Polymeric Biomaterials*

2021-10-13 | journal-article

DOI: 10.1080/00914037.2020.1785451

Source:Crossref

**Targeting and imaging of HER2 overexpression tumor with a new peptide-based 68Ga-PET radiotracer**

*Bioorganic Chemistry*

2020-11 | journal-article

DOI: 10.1016/j.bioorg.2020.104474

Part of ISSN: 0045-2068

Source:Mehdi Akhlaghi

**pH-Triggered Intracellular Release of Doxorubicin by a Poly(glycidyl methacrylate)-Based Double-Shell Magnetic Nanocarrier**

*Materials Science and Engineering: C*

2020-09 | journal-article

DOI: 10.1016/j.msec.2020.111498

Part of ISSN: 0928-4931

Source: Mehdi Akhlaghi

**Development of Ga-68 labeled, biotinylated thiosemicarbazone dextran-coated iron oxide nanoparticles as multimodal PET/MRI probe**

*International Journal of Biological Macromolecules*

2020-01 | journal-article

DOI: 10.1016/j.ijbiomac.2020.01.208

Part of ISSN: 0141-8130

Source: Mehdi Akhlaghi

**<sup>68</sup>Ga-DOTATATE PET/CT Compared with <sup>131</sup>I-MIBG SPECT/CT in the Evaluation of Neural Crest Tumors**

*Asia Oceania Journal of Nuclear Medicine and Biology*

2019-11 | journal-article

DOI: 10.22038/aojnmb.2019.41343.1280

Source: Mehdi Akhlaghi

**<sup>68</sup>Ga-radiolabeled bombesin-conjugated to trimethyl chitosan-coated superparamagnetic nanoparticles for molecular imaging: preparation, characterization and biological evaluation**

*International Journal of Nanomedicine*

2019-04 | journal-article

DOI: 10.2147/IJN.S195223

Source: Crossref

**Development of a novel <sup>68</sup>Ga-dextran carboxylate derivative for blood pool imaging**

*Radiochimica Acta*

2019-03 | journal-article

DOI: 10.1515/ract-2018-2959

Source: Mehdi Akhlaghi

**Diagnostic efficiency of 68Ga-DOTATATE PET/CT as compared to 99mTc-Octreotide SPECT/CT and conventional morphologic modalities in neuroendocrine tumors**

*Asia Oceania Journal of Nuclear Medicine and Biology*

2019 | journal-article

DOI: 10.22038/aojnmb.2019.39392.1263

Source: Mehdi Akhlaghi

**Manual production and quality control of 68Ga-PSMA-11 radiopharmaceutical for PET-CT imaging of prostate cancer: optimization and 60 production series experience**

*Razi Journal of Medical Sciences*

2019 | journal-article

Source: Mehdi Akhlaghi

**Natural Salep/PEGylated Chitosan Double Layer towards a More Sustainable pH-Responsive Magnetite Nanocarrier for Targeted Delivery of DOX and Hyperthermia Application**

*ACS Applied Nano Materials*

2019 | journal-article

DOI: 10.1021/acsanm.8b02076

Source: Mehdi Akhlaghi

اندازه‌گیری همزمان مودافینیل و مشتقات آن توسط نانوذرات اکسید آهن

**HPLC** پوشش‌داده‌شده با نانوتیوب کربنی چنددیواره جفت‌شده با

دنیای نانو

2018-12 | journal-article

Source: Mehdi Akhlaghi

**Co-delivery of hydrophobic and hydrophilic drugs by graphene decorated magnetic dendrimer**

*Langmuir*

2018 | journal-article

DOI: 10.1021/acs.langmuir.8b02710

Source: Mehdi Akhlaghi via ResearcherID

**Synthesis, characterization, and in vitro and in vivo <sup>68</sup>Ga radiolabeling of thiosemicarbazone Schiff base derived from dialdehyde dextran as a promising blood pool imaging agent**

*International Journal of Biological Macromolecules*

2018 | journal-article

DOI: <https://doi.org/10.1016/j.ijbiomac.2018.12.133>

Source: Mehdi Akhlaghi

**Chelator-free radiolabeling of dextran with <sup>68</sup>Ga for PET studies**

*Journal of Radioanalytical and Nuclear Chemistry*

2017-03-02 | journal-article

DOI: 10.1007/s10967-016-5164-z

Source: Crossref

**Development of Ga-68 ethyl cysteinate dimer for PET studies**

*Journal of Radioanalytical and Nuclear Chemistry*

2016 | journal-article

DOI: 10.1007/s10967-015-4185-3

WOSUID: WOS:000372264900087

Source: Mehdi Akhlaghi via ResearcherID

**Production of <sup>68</sup>Ga-citrate based on a SnO<sub>2</sub> generator for short-term turpentine oil-induced inflammation imaging in rats**

*Current Radiopharmaceuticals*

2016 | journal-article

DOI: 10.2174/1874471009666160506130108

EID: 2-s2.0-85009291521

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Preparation and radiolabeling of a lyophilized (kit) formulation of DOTA-rituximab with Y-90 and In-111 for domestic radioimmunotherapy and radioscinigraphy of Non-Hodgkin's Lymphoma**

*Daru-Journal of Pharmaceutical Sciences*

2014 | journal-article

DOI: 10.1186/2008-2231-22-58

WOSUID: WOS:000339848400001

Source: Mehdi Akhlaghi via ResearcherID

**HPLC ANALYSIS OF RADIOGALLIUM LABELED  
PROTEINS USING A TWO-SOLVENT SYSTEM**

*Journal of Liquid Chromatography & Related  
Technologies*

2013 | journal-article

DOI: 10.1080/10826076.2012.673210

WOSUID: WOS:000315350900005

Source: Mehdi Akhlaghi via ResearcherID

**Lethality assay of radiopharmaceutical bis-  
thiosemicarbazones using brine shrimp (*Artemia salina*)  
test**

*Iranian Journal of Pharmaceutical Sciences*

2012 | journal-article

EID: 2-s2.0-84876231446

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Development of Sm-153 Chitosan for Radiosynovectomy**

*European Journal of Nuclear Medicine and Molecular Imaging*

2011 | journal-article

WOSUID: WOS:000208619401183

Source: Mehdi Akhlaghi via ResearcherID

**Preparation and evaluation of a [<sup>66</sup>Ga]gallium chitosan  
complex in fibrosarcoma bearing animal models**

*Nukleonika*

2011 | journal-article

EID: 2-s2.0-79960871245

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Preparation and primary evaluation of <sup>66</sup>Ga-DTPA-  
chitosan in fibrosarcoma bearing mice**

*Nukleonika*

2011 | journal-article

EID: 2-s2.0-79960876482

Source: Mehdi Akhlaghi via Scopus - Elsevier



**Preparation and quality control of Ho-166-chitosan complex for radiosynovectomy***European Journal of Nuclear Medicine and Molecular Imaging*

2011 | journal-article

WOSUID: WOS:000208619401165

Source:Mehdi AkhlaghivviaResearcherID

**Development of [In-111]-DTPA-buserelin for GnRH receptor studies***Radiochimica Acta*

2010 | journal-article

DOI: 10.1524/ract.2010.1689

WOSUID: WOS:000274296200008

Source:Mehdi AkhlaghivviaResearcherID

**Development of Sm-153 chitosan for radiosynovectomy***Iranian Journal of Nuclear Medicine*

2010 | journal-article

EID: 2-s2.0-78649232887

Source:Mehdi AkhlaghivviaScopus - Elsevier

**Possibility of production of a novel radiopharmaceutical for identification of hypoxic tissues***Research-in-Medicine*

2010 | journal-article

SOURCE-WORK-ID: 0225170448574-45

Source:Mehdi Akhlaghi

**Production and biological evaluation of [Tl-201(III)]bleomycin (vol 50, pg 556, 2007)***Journal of Labelled Compounds & Radiopharmaceuticals*

2010 | journal-article

DOI: 10.1002/jlcr.1757

WOSUID: WOS:000277757000042

Source:Mehdi AkhlaghivviaResearcherID

**Production and quality control of 166Ho-Chitosan for therapeutic applications***Iranian Journal of Nuclear Medicine*

2010 | journal-article

EID: 2-s2.0-79960990667

Source:Mehdi AkhlaghivviaScopus - Elsevier

**Radiosynthesis and evaluation of [Cu-61]-9,10-phenanthrenequinone thiosemicarbazone in fibrosarcoma-bearing animals for PET imaging**

*Radiochimica Acta*

2010 | journal-article

DOI: 10.1524/ract.2010.1696

WOSUID: WOS:000276211300008

Source: Mehdi Akhlaghi via ResearcherID

**A new eco-friendly and efficient mesoporous solid acid catalyst for the alkylation of phenols and naphthols under microwave irradiation and solvent-free conditions**

*Scientia Iranica*

2009 | journal-article

EID: 2-s2.0-75749109367

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Development of In-111 labeled insulin for receptor imaging/therapy**

*Journal of Radioanalytical and Nuclear Chemistry*

2009 | journal-article

DOI: 10.1007/s10967-008-7360-y

WOSUID: WOS:000263978300015

Source: Mehdi Akhlaghi via ResearcherID

**EVALUATION OF 67 GA-LABELED-OXYTOCIN FOR RECEPTOR**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900250

Source: Mehdi Akhlaghi via ResearcherID

**Evaluation of a [ 67Ga]-thiosemicarbazone complex as tumor imaging agent**

*Scientia Pharmaceutica*

2009 | journal-article

DOI: 10.3797/scipharm.0812-07

EID: 2-s2.0-67149121184

Source: Mehdi Akhlaghi via Scopus - Elsevier

**EVALUATION OF A [67Ga] THIOSEMICARBAZONE  
COMPLEX AS TUMOR IMAGING AGENT***Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900047

Source: Mehdi Akhlaghi via ResearcherID

**Preclinical studies of [Cu-61]ATSM as a PET  
radiopharmaceutical for fibrosarcoma imaging***Acta Pharmaceutica*

2009 | journal-article

DOI: 10.2478/v10007-009-0008-9

WOSUID: WOS:000264755900004

Source: Mehdi Akhlaghi via ResearcherID

**Preparation and biodistribution of <sup>99m</sup>Tc-  
IgG-HYNIC in normal rats***Nukleonika*

2009 | journal-article

EID: 2-s2.0-77954785663

Source: Mehdi Akhlaghi via Scopus - Elsevier

**PREPARATION AND BIODISTRIBUTION OF [61CU]  
DIACETYL-BIS-(N4-METHYLTHIOSEMICARBAZONE) AS A  
POSSIBLE PET RADIOPHARMACEUTICAL***Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900126

Source: Mehdi Akhlaghi via ResearcherID

**PREPARATION AND BIOLOGICAL EVALUATION OF  
[67Ga]-LABELED-SUPERPARAMAGNETIC  
NANOPARTICLES IN NORMAL RATS***Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900226

Source: Mehdi Akhlaghi via ResearcherID

**Preparation and biological evaluation of [<sup>61</sup>Cu]bleomycin complex as a possible PET radiopharmaceutical in normal and fibrosarcoma-bearing animals**

*Nukleonika*

2009 | journal-article

EID: 2-s2.0-77954806629

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Preparation and biological evaluation of [Ga-67]-labeled-superparamagnetic nanoparticles in normal rats**

*Radiochimica Acta*

2009 | journal-article

DOI: 10.1524/ract.2009.1566

WOSUID: WOS:000263232200007

Source: Mehdi Akhlaghi via ResearcherID

**Preparation and biological evaluation of a [<sup>55</sup>Co]-2-acetylpyridine thiosemicarbazone**

*Scientia Pharmaceutica*

2009 | journal-article

DOI: 10.3797/scipharm.0907-04

EID: 2-s2.0-70349273985

Source: Mehdi Akhlaghi via Scopus - Elsevier

**PREPARATION AND EVALUATION OF [61Cu]-THIOPHENE-2-ALDEHYDE THIOSEMICARBAZONE FOR PET STUDIES**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900404

Source: Mehdi Akhlaghi via ResearcherID

**Preparation, quality control and biodistribution of [<sup>61</sup>Cu]-doxorubicin for PET imaging**

*Nuclear Science and Techniques*

2009 | journal-article

EID: 2-s2.0-84969674388

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Radiosynthesis and biodistribution of [<sup>18</sup>F]-tetracosactide using a semi-automated [<sup>18</sup>F]SFB production module**

*Nuclear Science and Techniques*

2009 | journal-article

EID: 2-s2.0-84969627184

Source: Mehdi Akhlaghi via Scopus - Elsevier

**RADIOSYNTHESIS AND PHARMACOKINETIC PROPERTIES OF 18F-NIFEDIPINE: A NEW PET TRACER OF CALCIUM CHANNELS**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900156

Source: Mehdi Akhlaghi via ResearcherID

**RADIOSYNTHESIS AND PRECLINICAL EVALUATION OF [61Cu]-9,10-PHENANTHRENEQUINONE THIOSEMICARBAZONE IN FIBROSARCOMA-BEARING ANIMALS FOR PET IMAGING**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2009 | journal-article

WOSUID: WOS:000268724900405

Source: Mehdi Akhlaghi via ResearcherID

**Biological evaluation of [18F]-nifedipine as a novel PET tracer for L-type calcium channel imaging**

*Nukleonika*

2008 | journal-article

EID: 2-s2.0-65149094298

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Determination of [Tl-201]Tl(III) in [Tl-201]TlCl solutions using HPLC**

*Applied Radiation and Isotopes*

2008 | journal-article

DOI: 10.1016/j.apradiso.2007.07.023

WOSUID: WOS:000254812800009

Source: Mehdi Akhlaghi via ResearcherID

**Preparation and biodistribution of [Ga-67]-DTPA-gonadorelin in normal rats***Journal of Radioanalytical and Nuclear Chemistry*

2008 | journal-article

DOI: 10.1007/s10967-007-7241-9

WOSUID: WOS:000259863400017

**Source:**Mehdi AkhlaghivviaResearcherID**Preparation and biodistribution of [In-111]-rHuEpo for erythropoietin receptor imaging***Journal of Radioanalytical and Nuclear Chemistry*

2008 | journal-article

DOI: 10.1007/s10967-007-7212-1

WOSUID: WOS:000259863400016

**Source:**Mehdi AkhlaghivviaResearcherID**Preparation and evaluation [Ga-67] -DTPA-beta-1-24-corticotrophin in normal rats***Radiochimica Acta*

2008 | journal-article

DOI: 10.1524/ract.2008.1512

WOSUID: WOS:000257461000006

**Source:**Mehdi AkhlaghivviaResearcherID**Preparation and evaluation of [61Cu]-thiophene-2-aldehyde thiosemicarbazone for PET studies***Nuclear Medicine Review*

2008 | journal-article

EID: 2-s2.0-66649113336

**Source:**Mehdi AkhlaghivviaScopus - Elsevier**Preparation, quality control and biodistribution studies of two [<sup>111</sup>In]-rituximab immunoconjugates***Scientia Pharmaceutica*

2008 | journal-article

DOI: 10.3797/scipharm.0804-07

EID: 2-s2.0-46249083605

**Source:**Mehdi AkhlaghivviaScopus - Elsevier

**Radiosynthesis of dimethyl-2-[F-18]-(fluoromethyl)-6-methyl-4-(2-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate for L-type calcium channel imaging**

*Radiochimica Acta*

2008 | journal-article

DOI: 10.1524/ract.2008.1567

WOSUID: WOS:000261945100011

Source: Mehdi Akhlaghi via ResearcherID

**Evaluation of [<sup>67</sup>Ga]-insulin for insulin receptor imaging**

*Nuclear Medicine Review*

2007 | journal-article

EID: 2-s2.0-39449098122

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Preparation and biodistribution of [<sup>67</sup>Ga]-insulin for SPECT purposes**

*Nukleonika*

2007 | journal-article

EID: 2-s2.0-46249129318

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Production and biological evaluation of [Tl-201(III)]bleomycin**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2007 | journal-article

DOI: 10.1002/jlcr.1272

WOSUID: WOS:000249218600103

Source: Mehdi Akhlaghi via ResearcherID

**Radiosynthesis of a I-123-labeled clorgiline derivative for MAO-A imaging**

*Journal of Labelled Compounds & Radiopharmaceuticals*

2007 | journal-article

DOI: 10.1002/jlcr.1174

WOSUID: WOS:000249218600045

Source: Mehdi Akhlaghi via ResearcherID

**Selective extraction and separation of trace amounts of cobalt-57 from nickel**

*Journal of Nuclear Science and Technology*

2007 | journal-article

SOURCE-WORK-ID: 0305172353238-50

Source:Mehdi AkhlaghivianResearcherID

**[(TI)-T-201](III)-bleomycin for tumor imaging**

*Radiochimica Acta*

2006 | journal-article

DOI: 10.1524/ract.2006.94.8.453

WOSUID: WOS:000240543700013

Source:Mehdi AkhlaghivianResearcherID

**Experimental production and initial imaging of [<sup>18</sup>F]-14-fluoro- 6-thia-heptadecanoic acid ([<sup>18</sup>F]-FTHA) for myocardial performance**

*Iranian Journal of Nuclear Medicine*

2006 | journal-article

EID: 2-s2.0-33846821755

Source:Mehdi AkhlaghivianScopus - Elsevier

**Optimization of the production of [Cu-61]Diacetyl-bis(N-4-methylthiosemicarbazone) for PET studies**

*Journal of Radioanalytical and Nuclear Chemistry*

2006 | journal-article

DOI: 10.1007/s10967-006-0244-0

WOSUID: WOS:000239298600022

Source:Mehdi AkhlaghivianResearcherID

**Production and biological evaluation of [<sup>18</sup>F]-6-thia-14-fluoro-heptadecanoic acid**

*Nuclear Medicine Review*

2006 | journal-article

EID: 2-s2.0-34247580807

Source:Mehdi AkhlaghivianScopus - Elsevier



**Development of <sup>111</sup>In-DTPA-human polyclonal antibody complex for long-term inflammation/infection detection**

*Nukleonika*

2005 | journal-article

EID: 2-s2.0-27144449659

Source: Mehdi Akhlaghi via Scopus - Elsevier

**Production and quality control of <sup>66</sup>Ga as a PET radioisotope**

*Iranian Journal of Radiation Research*

2004 | journal-article

EID: 2-s2.0-33645778551

Source: Mehdi Akhlaghi via Scopus - Elsevier

**61** بلنومایسین به عنوان یک رادیوداروی احتمالی توموگرافی <sup>64</sup>Cu-تولید کمپلکس و بررسی زیستی آن در موش های سالم و توموری (PET) گسیل پوزیترون

مجله علوم و فنون هسته ای

1389 | journal-article

SOURCE-WORK-ID: 0225170743997-46

Source: Mehdi Akhlaghi via ResearcherID

تهیه و بررسی زیستی نانوذرات ابر پارامغناطیسی اکسید آهن نشان دار شده با گالیم <sup>67</sup>-در موش صحرایی سالم

مجله علوم و فنون هسته ای

1388 | journal-article

SOURCE-WORK-ID: 0225170743997-47

Source: Mehdi Akhlaghi via ResearcherID

**18]** تعیین غلظت کریبتوفیکس <sup>67</sup>Zn، <sup>67</sup>Zn، <sup>67</sup>Zn در رادیوداروی <sup>67</sup>Zn

مجله علوم و فنون هسته ای

1387 | journal-article

SOURCE-WORK-ID: 0225170743997-48

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و پخش آن در بافت های موش (Na<sup>18</sup>F) تولید و کنترل کیفی سدیم فلونورید PET صحرایی به عنوان رادیوداروی تصویربرداری استخوانی با

مجله علوم و فنون هسته ای

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SOURCE-WORK-ID: 0225170743998-49

Source: Mehdi Akhlaghi via ResearcherID

## Peer review (1)

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- review activity for **Daru.** (1)

*Record last modified May 28, 2022, 4:48:13 PM*