دانشگاه علوم پزشکي و خدمات بهداشتی درمانی
استان آذربایجان غربی
دانشکده پزشکی
بسمه تعالی

رزومه خانم / آقای دکتر .....ژاله بهروزکیا.....

الف) مشخصات فردي :

نام :	ژاله	
نام خانوادگي :	بهروزکیا	
نام پدر :	بهروز	
تاریخ تولد :	۱۷/۱۰/۱۳۵۲	
محل تولد :	تبریز	

ب) مشخصات تماس:

آدرس و شماره تلفن محل کار ۱ :	ارومیه نازلو دانشکده پزشکی4412780803(0)-98+
آدرس و شماره تلفن محل کار ۲ :	
پست الکترونیکی آکادمیک:	zhalehkia@yahoo.com

پ) مشخصات علمي:

آخرین مدرک علمی :	دکتری تخصصی
گروه آموزشی:	فیزیک پزشکی
مرتبه علمی :	استادیاری

ت) سوابق تحصیلی :

Degree	Field of Specialization	Name of Institution	City	Country	Received
B.Sc	Radiology	Tabriz Medical Sciences University	Tabriz	Iran	1996
M.Sc	Medical Physics	Esfahan Medical Sciences University	Esfahan	Iran	1999
Ph.D	Medical Physics	Tehran Medical Sciences University	Tehran	Iran	2010

ث) سمت های اجرائی:

ردیف	عنوان	تاریخ شروع	تاریخ پایان	محل مسئولیت

ج) سوابق آموزشی: ۲۷ سال بعنوان هیات علمی دانشگاه علوم پزشکی

MSc	Specialized language, Radiation Physicsو Quality Control, Physics
B.Sc	Techniques of Radiology, Quality Control, Physics of MRI, Darkroom and Film Processing, Film Evaluation, Contrast Agents, Medical Terminology, BioPhysics, Radiation Protection, Techniques of MRI, PatientCare, Genera Physics, Radiology equipments: maintenance and repair principals

Supervisor of more than ۱۴ MSc Thesis and the Responsible in Charge of more than 10 Medical Imaging Related Research Projects

چ) مقالات و کتاب ها / همایشها و کنگره ها / سخنراني / جوایز:

Publications:(books):

Title	Type of Work		Publisher	Date
	Translation	Compilation		
Essential in Radiology		✓	Cheshmeh Aftab	2005
Quality Control in Medical Imaging		✓	Esfahan Medical Sciences University	2012
Nuclear and Modern Physics Essentials		✓	Taymaz	2013
Radiologic Science for Technologists Tenth edition	✓		Etminan pub	2013
Pocket handbook for radiographers	*		Etminan pub	2018

ح) گنگر ه و کنفرانسها :

Publications:(papers):

Title of the Article	Journal	Date
Comparison of Prescribed &Absorbed Dose in Solid Phantom Treatment Fields of Body in Patient with Holdgkin and Uterine Adenocarcinom	Journal of Shahrekord University MedicalScienceVol.4,No.1	2002
A Survey on Absorbed Dose in Routine Clinical Radiography in Chaharmaholo Bakhtiari Province	Journal of Shahrekord University MedicalScienceVol.7,No.2	2005
Properties Evaluation of a New MRI Contrast Agent Based On Gd—Loaded NanoParticles Coated with Two Different NanoMaterials	Med.Phys.Volume36,Issue6,pp. 2464-2464	2009
Properties Evaluation of a New MRI Contrast Agent Based on Gd-Loaded Nanoparticles	Biol Trace ElemRes.DOI 10.1007/s12011-009-8587-3	2009
Positive MRI Contrast Agent Based on Gd2O3NanoparticlesforCellTracking	Med.Phys.37,3135; doi:10.1118/1.3468184	2010
Improving the Quality of Breast MR Imaging	Iranian Journal of Radiology(Supplement1) :73-73	2012
What is Magnetic Resonance Spectroscopy(MRS) in Medicine	Iranian Journal of Radiology(Supplement1) :106-106	2012
Late histopathological findings in The thoracic irradiation : Apreliminary study in the animal model Late histopathological findings in the thoracic irradiation: A preliminary study in the animal model	LifeScienceJournal10(7s):583-585	2013
Short-Term Changes in Histopathological Markers of Irradiated Rat's Lung: Preliminary Study	Research Journal of Pharmaceutical, Biological and Chemical Sciences 5(3) ·	2014
Assessment of radiation protection practices amongst radiographers and quality control of diagnostic radiology devices in the selected hospitals of Urmia city in Iran	Research Journal of Pharmaceutical, Biological and Chemical Sciences6(3) ·	2015
In Vitro Cytotoxicity of Gd 2 O 3 Nanoparticles with Diethylene Glycol Polymer in human melanoma Cell Line	Research Journal of Pharmaceutical, Biological and Chemical Sciences 6(1) ·	2015
Hyperthermia: How Can It Be Used?	Oman Medical Journal 31(2):89-97	2016

Magnetic nanoparticles to improve the contrast of Magnetic Resonance Imaging	Journal of Medical Laboratory Science	January 2019
Evaluation of Gold Nanoparticle Size Effect on Dose Enhancement Factor in Megavoltage Beam Radiotherapy Using MAGICA Polymer Gel Dosimeter	Journal of Biomedical Physics and Engineering	January 2019
Anti-cancer effects of chemotherapeutic agent; 17-AAG, in combined with gold nanoparticles and irradiation in human colorectal cancer cells	DARU Journal of Pharmaceutical Sciences	March 2019
The Assessment of Toxicity Characteristics of Cellular Uptake of Paramagnetic Nanoparticles as a New Magnetic Resonance Imaging Contrast Agent	Iranian Journal of Pharmaceutical Research	October 2019
Combined treatment with silver graphene quantum dot, radiation, and 17-AAG induces anticancer effects in breast cancer cells	Journal of Cellular Physiology	September 2020
Cytotoxic and Radiosensitizing Effects of Folic Acid-Conjugated Gold Nanoparticles and Doxorubicin on Colorectal Cancer Cells	Advanced Pharmaceutical Bulletin	October 2021
Effects of Radiotherapy in Combination With Irinotecan and 17-AAG on Bcl-2 and Caspase 3 Gene Expression in Colorectal Cancer Cells	Journal of Lasers in Medical Sciences	February 2022
Increasing the radiation-induced cytotoxicity by silver nanoparticles and docetaxel in prostate cancer cells	Molecular Biology Reports	May 2024

Publications(Conference):

Title of the Article	Title and Place	Da
Comparison of Prescribed &Absorbed Dose in Solid Phantom Treatment Fields of Body in Patient with Holdgkin and Uterine Adenocarcinoma	Third International Conference on Ionization Radiation with Subtle &Ultimately Subtle Dose on Human Body .Shahid Beheshti University.Tehran-Iran	2005 May

Properties Evaluation of a New MRI Contrast Agent Based on Gd-Loaded NanoParticles Coated with Nano Materials for CellTracking	ISMRM Workshop on Frontiers of Magnetic Resonance: From Tumor Cell to Cancer Patient .Nice, France	2008 Sep
Properties Evaluation of a New MRI Contrast Agents Based on Gd-Loaded NanoParticles Coated with Biomaterials for Cell Tracking	5th International Congress of Nano- BioCleanTech. SanFrancisco	2008 Oct
DevelopmentofaT1ContrastAgent for Magnetic Resonance Imaging using Gd2O3Nanoparticles	World Congress of Medical Physics and Biomedical Engineering. Munich	2009 Sep
Relaxivity and Invitro Cytotoxicity of Positive MRI Contrast Agent Based on Gd2O3NanomagneticParticlesforCell Tracking	World molecular imaging congress. Kyoto-Japan	2010 Sep
Gd2O3 nanoparticles as appositive MRI Contrast agentf or celluptake	Iranian Conference of Biomedical Engineering-ICBME.IsfahanIran	2010 Nov
Development of aT1ContrastAgent for Magnetic Resonance Imaging UsingGd2O3Nanoparticles	The1MEFOMPInternational Conference of MedicalPhysics. Shiraz, Iran	2011 Nov
Positive Contrast Agentf or Magnetic Resonance Imaging in U-87MGCells UsingGd2O3Nanoparticle	MRI-Based CellTracking congress. Miami	2012 Jan
New Contrast Agent for Magnetic ResonanceImaginginU-87MGCells usingGD2O3Nanoparticles	World Congress on MedicalPhysics and Biomedical Engineering. Beijing, China	2012 Mar
Capacity of ultrasound to determine the cause and siteofbileducts	The Sixth Iranian Congresson. Pancreatobiliary Diseases.Tehran, Iran	2012 Oct
Hearing Losses inr adiotherapy	The13th International Congress of Iranian Society of Otolaryngology Head and Neck Surgery.Tehran,Iran	2012 Oct
Role of Digital Infrared Imaging(DII) In detection of breast cancer	29th International Radiology Congress. Tehran,Iran	2013 May
Improving the Quality of Breast MR Imaging	29thInternationalRadiologyCongress. Tehran,Iran	2013 May
What Is Differences between Medical Imaging Modalities for Assessment of the Breast	8th International Breast Cancer Congress. Tehran, Iran	2013 Feb
Evaluation of Mammography, Tscan and MR Iimages.	International Congress on Women Health Promotions. Urmieh, Iran	2013 Sep
Review of components of the radiology report	Iranian Congress of Radiology	May 3-6 , 2016
Which one is the best for estrogen receptor positive and triple negative breast cancers; hyperthermia before radiotherapy or after	European Journal of Cancer, Vol. 72, S21	February 2017

خ) دوره هاي علمي / اختراعات/ اكتشافات :

د) تکنیکها و مهارتهای خاص:

Research Interests:

MagneticResonanceImaging. PET
Image Processing studies
CancerImaging:UsingNanoparticlebasedtumorspecificimaging
Dosimetry, Quality Control, Quality assurance
Radiobiology and Protection