Kurdistan University of Medical Sciences

# Resume

**Jamil (Javid) Abdolmohammadi https://scholar.google.com/citations?hl=en&user=FjHf3xUAAAAJ**

**Personal, Job and contact information**

- Name: Jamil (Javid)
- Surname: Abdolmohammadi
- Nationality: Iranian
- Birth date: May 22, 1986
- Employ: Faculty of Paramedicine, Department of Radiology, Research Assistant, Kurdistan university of medical science - from 2014 to present,
- Degree: MSc of Medical Imagine Technology (MRI) 2013
           BSc of Radiology Technologist
- Graduated: Shahid Beheshti University of Medical Science, Tehran - Iran
- Academic E-mail: J.abdolmohammadi@muk.ac.ir
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**Principal Research, Teaching, and Work Interests**

- Top student Researcher School of paramedicine, Shahid Beheshti University of Medical Sciences – 2011
- Top Master Researcher School of paramedicine, Kurdistan university of medical sciences – 2018 and 2019
- Head of Radiology department – Paramedicine college - Kurdistan University of Medical Sciences from 2017 to 2020
- Research Assistant of Paramedicine college of MUK from 2017 to 2020

- Supervisor and head of MRI department of Kowsar hospital in Sanandaj city from 2017 to present
- Articles Referees member of 11th to 14th Iranian congress of radiographic science society
- Chairman of Kurdistan radiographic sciences society from 2015 to 2018
- Faculty member of first Iranian congress of student's radiographic science
- Articles Referees member of Scientific Journal of Kurdistan University of Medical Sciences from 2019 to present
- 13 years of work experience in the imaging department, including MRI, CT scan and radiography
- Proficient in working with Siemens, GE and Philips machine

- ➢ **Thesis titles:** Presurgical determination of intra axial Brain tumors consistency using MATLAB software by the analysis of T2 relaxation time and Apparent Diffusion Coefficient of tumoral tissues

**Interesting:**

Magnetic Resonance Imaging (MRI), Advance Neuro Imaging. Image Processing and protocol design, Computed Tomography (CT), Neuroimaging (MS), MATLAB and Python software, Medical Sciences

**List of paper publications in internationally Indexed and peer reviewed journals:** (More than 20 papers)

https://scholar.google.com/citations?hl=en&user=FjHf3xUAAAAJ

**Published Books**

1) MRI Parameter and positioning (translate to Persian)
2) Advance MRI physic and clinical applications
3) Common pathology in medical imaging (volume 1) in Persian
4) Cardiovascular MRI physic (translate to Persian)

**List of presentations in Conferences**

1) Determination of intra-axial brain tumors cellularity through the analysis of T2 Relaxation time of brain tumors before surgery using MATLAB software, ECR 2017 (Oral presentation)
2) Assessment the role MRI in determining the amount of iron overload in patients with thalassemia using MATLAB Software. (ESMRMB 2015. Edinburg/UK)
3) "The optimization of magnetic resonance imaging pulse sequences in order to better detection of multiple sclerosis plaques, ECR 2017 (Oral presentation)
4) Presurgical determination of brain tumors consistency using MATLAB software by the analysis of T2 Relaxation time and apparent diffusion coefficient of tumoral tissues**.,** 14-17 May, 2013, 29th Iranian congress of radiology, Tehran, Iran (Oral presentation).
5) Diffusion Tensor Tractography can affect treatment strategy to remove brain accuping mass lesions, 5-8 May, 2015, 31 St, Iranian congress of radiology, Tehran, Iran (Oral presentation).
6) Evaluation of diagnostic value of Cardiac MRI in viability of heart myocardium, 5-8 May, 2015, 31 St, Iranian congress of radiology, Tehran, Iran (poster presentation).
7) Safety Considerations for Magnetic Resonance Imaging (MRI) in the patients with pacemakers, 29th Iranian congress of radiology. 14-17 May, 2012, Olympic Hotel, Tehran, Iran (Oral presentation)
8) Optimization of MRI pulse sequences in order to better detection of MS plaques, 28th Iranian congress of radiology. 15-18 May, 2012, Olympic Hotel, Tehran, Iran (Oral presentation)
9) Coil types in MRI. 12th Iranian congress of radiographic science society. 15-18 May, 2014, Olympic Hotel, Tehran, Iran (Oral presentation)
10) GRE the Basic. 11th Iranian congress of radiographic science society. 14-17 May, 2013, Olympic Hotel, Tehran, Iran (Oral presentation)
11) Basic of physic and clinical application of MRI pulse sequences. 12th Iranian congress of radiographic science society. 5-8 May, 2015, Tehran, Iran (Oral presentation)
12) Evaluation the FLAIR sensitivity and DWI post-inject in comparison with delayed enhancement T1w for better detection of active MS lesions, ECR 2017 (Poster presentation)
13) MRI Pulse Sequences, Iranian laboratory of human brain mapping 2021 (Poster presentation)
14) Webinar of MRI Course including physic and techniques, radiographic science society,2014 to 2021

**Attendance in workshops, conferences, and seminars:** Participation in a large number of national and international workshops

**Scientific memberships**

1) Faculty member of Kurdistan university of medical science – Department of Radiology (from 2014)
2) Member of Iranian Society of Radiology (from 2010)
3) Member of European Society of Radiology (from 2017)
4) Member of Kurdistan radiographic sciences society (from 2015 to 2018)
5) International congress of ISMRM Aug 2022

**Outline of Future plans**

1) Research about the clinical applications of new methods of Medical Imaging Technology
2) Learning new methods of Image processing
3) Being more involved in scientific research about cardiac MRI
4) Learning more in depth the research methods
5) Teaching the advance new finding in medical imaging
6) Publishing more paper and books

**Laboratory and technical skills**

1) Skilled in medical imaging including: Radiology, CT Scan, MRI
2) Skilled in Protocol designing in MRI

**Computer skills (familiar with)**

MATLAB, MRIcro, DTI Explorer, DTI TrackVis, FSL, python

**Languages**

Kurdish: Mother tongue,      Persian: National tongue,      English: Fluent

**Teaching Experience**

MRI Physic, Special procedures in radiology, Contrast media in Radiology, Radiographic Positioning and procedures, MRI Techniques, MRI Techniques and Physical Principles of MRI, Sectional anatomy, Medical Terminology, Computed Tomography Techniques, Image processing, Introduction to Image modalities

**References**.

1) Dr. Fariborz Faeghi: https://scholar.google.com/citations?hl=en&user=_w5iGskAAAAJ
2) Dr. Rouzbeh Motiei-Langroudi: https://scholar.google.com/citations?hl=en&user=mfA-MlUAAAAJ
3) Dr. Dooman Arefan: https://scholar.google.com/citations?hl=en&user=bLpIAuEAAAAJ
4) Dr. Hamidreza haghighatkhah: https://scholar.google.com/citations?hl=en&user=nYUZRGQAAAAJ
5) Seyed Mohammad Mahdi Abtahi: https://scholar.google.com/citations?user=qKzFCz8AAAAJ&hl=en