

CURRICULUM VITAE

NAME MORAN ARTZI PHD 036162733
(First) (Last) Academic Degree I.D No.

FACULTY/DEPT: SACKLER FACULTY OF MEDICINE / NEUROLOGY

HOSPITAL/DEPT: TEL AVIV SOURASKY MEDICAL CENTER / SAGOL BRAIN INSTITUTE

HOME ADDRESS: NAHAL-ZIN 13, KFAR-YONA, ISRAEL

EMAIL*: ARTZIMY@GMAIL.COM Mobile Phone: 050-6868307

DATE AND PLACE OF BIRTH: 15.10.1979 ISRAEL

ZAHAL (ISRAELI) MILITARY SERVICE: 1997- 2000

A. EDUCATION

PERIODS OF STUDIES

BAR ILAN UNIVERSITY, RAMAT-GAN, ISRAEL 2004-2007

SUBJECT: *Life and social Science*

Degree or Professional License: BA Date Awarded: 2007

TEL AVIV UNIVERSITY, TEL AVIV, ISRAEL 2007-2010

SUBJECT: *School of Medicine*

Degree or Professional License: MSc Date Awarded: 2010

Supervised by: *Dr. Dafna Ben Bashat and Prof. Talma Hendler*

Title of Thesis: *Multiparametric MRI tissue characterization in patients with high grade gliomas*

TEL AVIV UNIVERSITY, TEL AVIV, ISRAEL 2010-2015

SUBJECT: *School of Medicine*

Degree or Professional License: PhD Date Awarded: 2015

Supervised by: *Dr. Dafna Ben Bashat and Prof. Talma Hendler*

Title of Doctoral Dissertation: *Characterizing vascular brain changes accompanying disturbance of the cerebral blood supply: a multiparametric MRI study*

B. FURTHER STUDIES

- 2002-2004 Medical Laboratory Sciences, Ben Gurion University, Israel
- 2011 Matlab course
- 2017 GCP Course, Tel Aviv University, Tel Aviv, Israel
- 2018 fast.ai practical deep learning online course
- 2019 Microsoft Deep Learning Bootcamp, Microsoft Herzliya, Israel

C. Academic & Professional Activities & Achievements**C1.ACADEMIC EXPERIENCE**

- 2006-2010 Research assistance at the Sagol Brain Institute, TASMIC
- 2011-present Lecture at the School of radiology technicians, Tel-Aviv Sourasky Medical Center (TASMIC)
- 2018-present Lecture at the Tel Aviv University, Sackler Faculty of Medicine

C2. PROFESSIONAL EXPERIENCE.

- 2015-present Researcher, at the Functional Brain Center, TASMIC

C3. ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS*

DATE	COUNTRY	SUBJECT	ROLE
2007	Tel Aviv, Israel	Tel Aviv Meeting of Human Brain Mapping	• Poster
2007	Eilat, Israel	Annual Meeting of Israel Society for Neuroscience	• Poster
2008	Tel Aviv, Israel	Tel Aviv Meeting of Human Brain Mapping	• Poster
2008	Toronto, Canada	ISMIRM	• Poster
2009	Tel Aviv, Israel	The Israeli Society for Cancer Research	• Poster
2009	Tel Aviv, Israel	Tel Aviv Meeting of Human Brain Mapping	• Poster
2010	Stockholm, Sweden	ISMIRM	• Poster (X2)
2011	Montreal, Quebec, Canada	ISMIRM	• Poster (X2)
2012	Eilat, Israel	Annual meeting of israel society for neuroscience	• Poster

2012	Panzhuhua, Sichuan, China	Panzhuhua Central Hospital	<ul style="list-style-type: none"> • Invited Seminar
2012	Beijing, China	Organization for Human Brain Mapping	<ul style="list-style-type: none"> • Poster (X2)
2013	Salt Lake City, Utah. USA	ISMRRM	<ul style="list-style-type: none"> • Poster
2013	Tel Aviv, Israel	The European Association of Neurosurgical Societies	<ul style="list-style-type: none"> • Poster (X2)
2014	Rehovot, Israel	Israel Pre-ISMRRM Symposium	<ul style="list-style-type: none"> • Oral presentation
2014	Milan, Italy	ISMRRM	<ul style="list-style-type: none"> • Poster (X2)
2015	Toronto, Canada	ISMRRM	<ul style="list-style-type: none"> • Oral presentation • Poster
2016	Singapore, Singapore	ISMRRM	<ul style="list-style-type: none"> • Poster (X2)
2017	Tel Aviv, Israel	Research day - The Faculty of Medicine Tel Aviv University	<ul style="list-style-type: none"> • Poster
2017	Rehovot, Israel	Israel Pre-ISMRRM Symposium	<ul style="list-style-type: none"> • Oral presentation
2018	New Orleans, Louisiana, USA	Society for neuro- oncology	<ul style="list-style-type: none"> • Power Pitch presentation • Poster (X3)
2018	Rehovot, Israel	Israel Pre-ISMRRM Symposium	<ul style="list-style-type: none"> • Oral presentation
2018	Paris, France	ISMRRM	<ul style="list-style-type: none"> • Power Pitch presentation • Poster (X3)
2019	Tel Aviv, Israel	Research day - The Faculty of Medicine TAU	<ul style="list-style-type: none"> • Poster
2019	Montreal, Canada	International Society for Magnetic Resonance in Medicine (ISMRRM)	<ul style="list-style-type: none"> • Power Pitch presentation (X2) • Moderator
2021	Virtual meeting	International Society for Magnetic Resonance in Medicine (ISMRRM)	<ul style="list-style-type: none"> • Oral presentation • Poster (X2)

C4. MEMBERSHIP IN PROFESSIONAL SOCIETIES*

Years (period)	Name of Organization
2007-present	INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE
2007-present	ISRAEL SOCIETY FOR NEUROSCIENCE
2012-2013	ORGANIZATION FOR HUMAN BRAIN MAPPING

D. DOCTORAL STUDENTS MENTORED BY CANDIDATE

Years (period)	Name of Student	Subject	Academic Institute	Ph.D/ M.D	In collaboration with
2019-present	Yael Herman	White matter tract segmentation in patients with brain tumors using DL	Bar Ilan University, Faculty of Exact Sciences	Ph.D	Pro. Mina Teicher

E1. M.A./M.Sc. Students MENTORED BY CANDIDATE:

Years (period)	Name of Student	Subject	Academic Institute	In collaboration with
2018-present	Idan Brssler	Classification of HGG using Deep learning	Tel Aviv University, Faculty of Engineering	Pro. Uri Nevo
2019-present	Yuval Buchsweiler	Longitudinal gliomas' segmentation by deep learning	Tel Aviv University, Faculty of Engineering	Pro. Uri Nevo

E2. Graduate Final Projects / Medical students MENTORED BY CANDIDATE:

Years (period)	Name of Student	Subject	Academic Institute
2017-2018	Idan Brssler	Automatic classification of HGG vs brain metastasis using MRI radiomics	Tel Aviv University, Faculty of Engineering

		analysis	
2018-2019	Moshe Yerachmiel Snir Shalom	Deep Learning framework for brain tumors classification	Tel Aviv University, Faculty of Engineering
2018-2019	Sapir Gershov	Automated tool for identification and extraction of brain pathologies based on MRI	Tel Aviv University, Faculty of Engineering
2019-2020	Jonathan Zeltser Oron Tzemach Erez Redmard	DL model for identifying and classifying of brain tumors combining metadata	Tel Aviv University, Sagol School of Neuroscience
2019-2020	Moran Goldemberg Karin Sionov	Utilizing deep learning for prediction of molecular markers based on MRI in Glioma patients	Tel Aviv University, Faculty of Engineering
2019-2020	Dr. Oz Haim	Virtual biopsy using MRI radiomics for predicting EGFR status in NSCLC brain metastasis	Tel Aviv University, Sackler faculty of medicine
2019-2020	Dr. Assaf Berger	The effect of cordotomy on pain networks using fmri	Tel Aviv University, Sackler faculty of medicine
2019-present	Omri Gropper	Deep classification of posterior fossa tumor using GAN based data classification	Tel Aviv University, Faculty of Engineering
2020-present	Sapir oshorer Shaked Miranda	Predicting brain tumor type based on MRI images, hierarchical deep learning architecture and metadata integration	Tel Aviv University, Faculty of Engineering
2020-present	Gal Maimon	Classification of glioma subtypes by deep learning	Tel Aviv University, Sagol School of Neuroscience

2019-present	Nadav Shelkes	Prediction of grade and genotype in gliomas using a deep learning automated virtual brain biopsy	Tel Aviv University, Sackler faculty of medicine
2020-present	Dr. Marga Serafimova	Classification between malignant and benign peripheral nerves tumor based on MRI images and using deep learning	Tel Aviv University, Sackler faculty of medicine

F. GRANTS

Years	Investigator (Principal/,other)	Granted by Institute/Company	Total Amount
2018	PI	The Schreiber Foundation, Tel Aviv University	30,000 NIS
2020	PI	Marguerite Stolz Foundation, Tel Aviv University	50,000 NIS

G. AWARDS

- 2008 ISMRM travel grant (International Society for Magnetic Resonance in Medicine)
- 2010 Brain@TAU travel grant (Tel Aviv University)
- 2010 Adams Super Center travel grant (Tel Aviv University)
- 2011 Adams award competition for publications in neuroscience (Tel Aviv University)
- 2011 Neurobiology, Brain@TAU travel grant (Tel Aviv University)
- 2012 TAU Cancer biology research center travel grant (Tel Aviv University)
- 2013 Adams award competition for publications in neuroscience (Tel Aviv University)
- 2013 ISMRM travel grant (International Society for Magnetic Resonance in Medicine)
- 2014 The Sieratzki Prize for Students in Neuroscience at Tel Aviv University
- 2014 ISMRM travel grant (International Society for Magnetic Resonance in Medicine)
- 2015 Magna cum laude award for presented work (ISMRM Resonance in Medicine)
- 2018 ISMRM Junior Fellow program (International Society for Magnetic Resonance in Medicine)
- 2019 Magna cum laude award for presented work (ISMRM Resonance in Medicine)
- 2021 Outstanding teacher in the Faculty of Medicine, Tel Aviv University

SCIENTIFIC PUBLICATIONS**B.1. ORIGINAL ARTICLES*****B.1. Articles Published**

1. Ben Sira L.^(PI), Miller E.^(C), Artzi M.^(C), Fattal-Valevski A.^(C), Constantini S.^(C), Ben Bashat D.^(PI).
¹H-MRS for the diagnosis of acute disseminated encephalomyelitis: insight into the acute-disease stage.
Pediatric Radiol, 2010; January, 40(1):106-113.
IF 2.169; PEDIATRICS - 45/128-Q2; Cited:11.
2. Weinstein M.^(S), Ben-Sira L.^(C), Yonata L.^(C), Artzi M.^(S), Hendler T.^(C), Eksteine MP^(C), Ben Itzhak E^(C), Zachor A.^(C), Ben Bashat D.^(PI).
Abnormal white matter integrity in young children with autism.
Human Brain Mapping.,2011; April, 32(4): 534-543.
IF 4.421; NEUROIMAGING - 3/14-Q1; Cited:131.
3. Ben Bashat D.^(PI) .Drory V.^(C), Artzi M.^(S), Tarrasch R.^(C), Nefussy B.^(C), Zachor T.^(C), Assaf Y.^(C), Aizenstein O.^(C).
A potential tool for the diagnosis of ALS based on diffusion tensor imaging.
Amyotrophic Lateral Sclerosis. 2011; Nov, 12(6):398-405.
IF 2.369; CLINICAL NEUROLOGY - 85/193-Q2; Cited:18.
4. Artzi M.^(S), Aizenstein O.^(C), Hendler T.^(C), Ben Bashat D.^(PI).
Unsupervised multiparametric classification of dynamic susceptibility contrast imaging: study of the healthy brain.
Neuroimage,2011; Jun, 56(3):858-864.
IF 5.902; NEUROIMAGING - 1/14-Q1; Cited:6.
5. Artzi M.^{(S)*}, Ben Sira L.^{(C)*}, Bassan H.^(C), Gross-Tsur V.^(C), Berger I.^(C), Marom R.^(C), Leitner Y.^(C), Bentz Y.^(C), Shiff Y.^(C), Geva R.^(C), Weinstein M.^(S), Ben Bashat D.^(PI). (*Contributed equally to this work).
Brain diffusivity in infants with hypoxic-ischemic encephalopathy following whole body hypothermia: preliminary results.
Journal of Child Neurology, 2011; Oct, 26(10):1230-1236.
IF 1.713; PEDIATRICS - 67/128-Q3; Cited:4.
6. Artzi M.^(S), Aizenstein O.^(C), Jonas-Kimchi T.^(C), Myers V.^(C), Halleivi H.^(C), Ben Bashat D.^(PI)
FLAIR lesion segmentation: application in patients with brain tumors and acute ischemic stroke.
European Journal of Radioloty,2013; Sep, 82(9):1512-8.

IF 2.687; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 50/133-Q2; Cited:32.

7. Ben Bashat D.^{(PI)*}, Artzi M.^{(S)*}, Ben Ami H.^(C), Aizenstein O.^(C), Palmon M.^(T), Blumenthal D.T.^(C), Bokstein F.^(C), Corn B.^(C), Kanner A.A.^(C), Nossek E.^(C), Ram Z.^(C), Edrei Y.^(S), Liffchiz-Mercer B.^(C), Solar I.^(C), Abramovitch R.^(PI) (*Contributed equally to this work)
Hemodynamic response imaging: a potential tool for the assessment of angiogenesis in brain tumors
PloS One, 2012 Nov; 7(11): e49416, 2012.
IF 2.74; MULTIDISCIPLINARY SCIENCES - 27/71-Q2; Cited:18.
8. Artzi M.^(S), Aizenstein O.^(C), Abramovitch R.^(C), Ben Bashat D.^(PI).
MRI Multiparametric Hemodynamic Characterization of the Normal Brain.
Neuroscience, Jun 14 2013; 240:269-76.
IF 3.056; NEUROSCIENCES - 131/271-Q2; Cited:4.
9. Weinstein M.^(S), Green D.^(C), Geva R.^(C), Schertz M.^(C), Fattal-Valevski A.^(C), Artzi M.^(S), Myers V.^(S), Shiran SI.^(C), Gordon AM.^(C), Gross-Tsur V.^(C), Ben Bashat D.^(PI)
Interhemispheric and intrahemispheric connectivity and manual skills in children with unilateral cerebral palsy.
Brain Structure and Function, May, 2014; 219(3):1025-40.
IF 3.298; ANATOMY & MORPHOLOGY - 1/21-Q1; Cited:28.
10. Thaler A.^(S), Artzi M.^(S), Mirelman A.^(PI), Jacob Y.^(C), Helmich C.R.^(C), Van Nuenen F.L.B.^(C), Gurevich T.^(C), Orr-Urtreger A.^(C), Marder K.^(C), Bressman S.^(C), Bloem R.B.^(C), Hendler T.^(C), Giladi N.^(C), Ben Bashat D.^(PI), LRRK2 Ashkenazi Jewish consortium.
A voxel-based morphometry and diffusion tensor imaging analysis of asymptomatic Parkinson's disease-related G2019S LRRK2 mutation carriers.
Movement Disorders, 2014; 29(6):823-7.
IF 8.679; CLINICAL NEUROLOGY - 11/204-Q1; Cited:15.
11. Artzi M.^(S), Aizenstein O.^(C), Jonas-Kimchi T.^(C), Bornstein N.^(C), Shopin L.^(C), Hallevi H.^(C), Ben Bashat D.^(PI)
Classification of lesion area in stroke patients during the subacute phase: a multiparametric MRI study.
Magn Reson Med. Nov, 2014; 72(5):1381-88.
IF 3.635; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 27/133-Q1; Cited:2.
12. Weinstein M.^(S), Marom R.^(C), Berger I.^(C), Ben Bashat D.^(C), Gross-Tsur V.^(C), Ben Sira L.^(C), Artzi M.^(S), Uliel S.^(C), Leitner Y.^(C)
Neonatal neuropsychology: emerging relations of neonatal sensory-motor responses to white matter integrity.

Neuropsychologia, 2014; 62:209-19.

IF 2.652; BEHAVIORAL SCIENCES - 21/52-Q2; Cited:8.

13. Artzi M.^(S), Bokstein F.^(C), Blumenthal DT.^(C), Aizenstein O.^(C), Liberman G.^(S), Corn BW.^(C), Ben Bashat D.^(PI).

Differentiation between vasogenic-edema versus tumor-infiltrative area in patients with glioblastoma during bevacizumab therapy: a longitudinal MRI study.

Eur J Radiol, Jul, 2014; 83(7):1250-6.

IF 2.687; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 50/133-Q2; Cited:45.

14. Kliper E.^(S), Ben Assayag E.^(C), Tarrasch R.^(C), Artzi M.^(C), Korczyn AD.^(C), Shenhar-Tsarfaty S.^(C), Aizenstein O.^(C), Hallevi H.^(C), Mike A.^(C), Shopin L.^(C), Bornstein NM.^(C), Ben Bashat D.^(PI).

Cognitive state following stroke: the predominant role of preexisting white matter lesions.

PloS One, 2014; 9(8):e105461.

IF 2.74; MULTIDISCIPLINARY SCIENCES - 27/71-Q2; Cited:12.

15. Artzi M.^(S), Blumenthal DT.^(C), Bokstein F.^(C), Nadav G.^(S), Liberman G.^(S), Aizenstein O.^(C), Ben Bashat D.^(PI).

Classification of Tumor Area using Combined DCE and DSC MRI in Patients with Glioblastoma.

Journal of Neuro-Oncology, 2015,121(2):349-357.

IF 2.238; NEUROIMAGING 10/14-Q3; Cited:10

16. Artzi M.^{(S)*}, Liberman G.^{(S)*}, Nadav G.^(S), Vitinshtein F.^(T), Aizenstein O.^(C), Deborah DT.^(C), Ben Bashat D.^(PI), Bokstein F.^(C) (*Contributed equally to this work).

Human cerebral blood volume measurements using dynamic contrast enhancement in comparison to dynamic susceptibility contrast MRI.

Neuroradiology. 2015 57(7):671-678.

IF 2.238; 126/204-Q3; Cited:10.

17. Kliper E.^(S), Ben Assayag E.^(C), Korczyn AD.^(C), Auriel E.^(C), Shopin L.^(C), Hallevi H.^(C), Shenhar-Tsarfaty S.^(C), Mike A.^(C), Artzi M.^(S), Klovatch I.^(C), Bornstein NM.^(C), Ben Bashat D.^(PI).

Cognitive state following mild stroke: A matter of hippocampal mean diffusivity.

Hippocampus, 2015; 26(2):161-69.

IF 3.404; NEUROSCIENCES - 108/271-Q2; Cited:12.

18. Weinstein M.^(S), Myers V.^(S), Green D.^(C), Schertz M.^(C), Shiran SI.^(C), Geva R.^(C), Artzi M.^(S), Gordon A.^(C), Fattal-Valevski A.^(C), Ben Bashat D.^(PI)

Brain Plasticity following Intensive Bimanual Therapy in Children with Hemiparesis: Preliminary Evidence.

Neural Plasticity, (accepted for publication June 2015, Article ID 798481)

IF 3.093; NEUROSCIENCES - 133/271-Q2; Cited:15

19. Deborah DT.^(PI), Aisenstein O.^(C), Ben-Horin I.^(C), Ben Bashat D.^(C), Artzi M.^(S), Corn BW.^(C), Kanner AA.^(C), Ram Z.^(C), Bokstein F.^(PI)
Calcification in high grade gliomas treated with bevacizumab.
J Neuro-oncology., 2015 Jun;123(2):283-8.
IF 3.267; CLINICAL NEUROLOGY - 69/204-Q2; Cited:2.
20. Zimmerman-Moreno G.^(S), Ben Bashat D.^(C), Artzi M.^(S), Nefussy B.^(C), Drory V.^(C), Aizenstein. O.^(C), Greenspan H.^(PI)
Whole brain fiber-based comparison (FBC)-A tool for diffusion tensor imaging-based cohort studies.
Hum Brain Mapp. 2016 Feb;37(2):477-90
IF 4.421; NEUROIMAGING - 3/14-Q1; Cited:2.
21. Schertz M.^(PI), Shiran SI.^(C), Myers V.^(S), Weinstein M.^(S), Fattal-Valevski A.^(C), Artzi M.^(S), Ben Bashat D.^(C), Gordon M.A.^(C), Green G.^(C)
Imaging Predictors of Improvement From a Motor Learning-Based Intervention for Children With Unilateral Cerebral Palsy.
Neurorehabilitation and Neural Repair. 2015; no'61344.
IF 3.982; REHABILITATION in SCIE edition - 2/68-Q1; Cited:13.
22. Liberman G.^(S), Louzoun Y.^(C), Artzi M.^(S), Nadav G.^(S), Ewing RJ.^(C), Ben Bashat D.^(PI)
DUSTER: Dynamic contrast enhance up-sampled temporal resolution analysis method.
Magnetic Resonance Imaging, 2016; 34(4):442-450.
IF 2.053; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 75/133-Q3; Cited:5.
23. Artzi M^(C), Liberman G.^(C), Nadav G.^(C), Blumenthal TD.^(C), Bokstein F.^(C), Aizenstein O.^(C), and Ben Bashat D.^(PI)
Differentiation between Treatment-Related Changes and Progressive Disease in Patients with High Grade Brain Tumors using Support Vector Machine Classification based on DCE MRI.
J. Neurooncol ,2016; 127(3):515–524.
IF 3.267; CLINICAL NEUROLOGY - 69/204-Q2; Cited:12.
24. Artzi M^(C), Shiran IS ^(C), Weinstein M ^(C), Myers V^(C), Tarrasch R^(C) Schertz M ^(C), Fattal-Valevski A ^(C), Miller E ^(C) Gordon MA^(C), Green D^(PI), Bashat D ^(PI).
Cortical reorganization following injury early in life.
Neural plasticity, 2016; <http://dx.doi.org/10.1155/2016/8615872>.
IF 3.093; NEUROSCIENCES - 133/271-Q2; Cited:8.

25. Weinstein M^(C), Ben-Sira L^(C), Artzi M^(C), Berger I^(C), Marom R^(C), Geva R^(C), Gross-Tsur V^(C), Leitner Y^(C), Ben Bashat D^(PI).
The motor and visual networks in preterm infants: An fMRI and DTI study.
Brain Research, 2016; 1642:603-611.
IF 2.733; NEUROSCIENCES - 156/271-Q3; Cited:3.
26. Nadav G^(S), Liberman G^(C), Artzi M^(C), Kiryati N^(C), Ben Bashat D^(PI).
Optimization of Two-Compartment-Exchange-Model Analysis for Dynamic Contrast-Enhanced MRI Incorporating Bolus Arrival Time.
J Magn Reson Imaging. 2017 Jan;45(1):237-249
IF 3.954; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 23/133-Q1; Cited:1.
27. Artzi M^(C)*, Liberman G^(C)*, Nadav G^(C), Blumenthal TD^(C), Bokstein F^(C), Aizenstein O^(C), Ben Bashat D^(PI) (*Contributed equally to this work).
Optimization of DCE-MRI protocol for the assessment of patients with brain tumors.
Magn Reson Imaging. 2016 Nov;34(9):1242-1247
IF 2.053; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 75/133 - Q3; Cited: 1
28. Artzi M^(C)*, Liberman L^(C)*, Vaisman N^(PI), Bokstein F^(PI), Vitinshtein F^(T), Aizenstein O^(C), Ben Bashat D^(PI) (*Contributed equally to this work).
Changes in Cerebral Metabolism during Ketogenic Diet in Patients with Primary Brain Tumors: 1H-MRS Study.
J Neurooncol. 2017 Apr;132(2):267-275
IF 3.267; CLINICAL NEUROLOGY - 69/204-Q2; Cited:18.
29. Geri O^(S), Shiran S^(C), Roth J^(C), Artzi M^(C), Ben-Sira L^(C), Ben Bashat D^(PI).
Vascular Territorial Segmentation and Volumetric Blood Flow Measurement using Dynamic Contrast Enhanced Magnetic Resonance Angiography of the Brain. J Cereb Blood Flow Metab. 2017 Oct; 37(10): 34463456.
IF 5.681; NEUROSCIENCES - 38/271-Q1; Cited:0.
30. Blumenthal T.D^(PI), Artzi M^(C)*, Liberman G^(C), Bokstein F^(C), Aizenstein O^(C), Ben Bashat D^(C) (*Contributed equally to this work).
Classification of High Grade Glioma into Tumor and Non-Tumor Components using Support Vector Machine.
American Journal Of Neuroradiology. 2017 May;38(5):908-914
IF 3.381; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 31/134-Q1; Cited:15.
31. Artzi M^(C), Even-Sapir E.^(C), Lerman Shacham H.^(C), Thaler A.^(C), Orr Urterger A.^(C), Bressman S.^(C),

Marder K.^(C), Hendler T.^(PI), Giladi N.^(PI), Ben Bashat D.^{(PI)*}, Mirelman A.^{(PI)*} (*Contributed equally to this work).

DaT-SPECT Assessment Depicts Dopamine Depletion among Asymptomatic G2019S LRRK2 Mutation Carriers.

PLoS One. 2017; 12(4):e0175424.

IF 2.776; MULTIDISCIPLINARY SCIENCES - 27/71-Q2; Cited:7

32. Link D.^{(S)*}, Braginsky M.B.^{(S)*}, Joskowicz L.^(PI), Ben Sira L.^(C), Harel S.^(C), Many A.^(C), Tarrasch R.^(C), Malinger G.^(C), Artzi M.^(C), Kapoor C.^(C), Miller E.^(C), Ben Bashat D.^(PI). (*Contributed equally to this work).

Automatic measurement of fetal brain development from MRI: New reference data.

Fetal Diagn Ther. 2018;43(2):113-122

IF 2.095; OBSTETRICS & GYNECOLOGY - 42/82-Q3; Cited:6.

33. Shofty B.^{(C)*}, Artzi M.^{(C)*}, Ben Bashat D.^(PI), Liberman G.^(C), Oz Haim O.^(C), Kashanian A.^(S), Bokstein F.^(C), Blumenthal DT.^(C), Ram Z.^(PI), Shahar T.^(PI). (*Contributed equally to this work).

MRI radiomics analysis of molecular alterations in low-grade gliomas.

Int J Comput Assist Radiol Surg. 2018 Apr;13(4):563-71.

IF 2.473; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 61/134-Q2; Cited:26.

34. Artzi M.^(C), Liberman, G.^(C), Blumenthal TD.^(C), Aizenstein O.^(C), Bokstein F.^(C), Ben Bashat D.^(PI).

Differentiation between vasogenic edema and infiltrative tumor in patients with high grade gliomas using texture patch based analysis.

J Magn Reson Imaging. 2018 Jan 3.

IF 3.954; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 23/134-Q1; Cited:13.

35. Artzi M.^{(C)*}, Liberman G.^{(C)*}, Blumenthal DT.^(C), Bokstein F.^(C), Aizenstein O.^(C), Ben Bashat D.^(PI) (*Contributed equally to this study).

Repeatability of dynamic contrast enhanced vp parameter in healthy subjects and patients with brain tumors.

J Neurooncol 2018; 140(3):727-37.

IF 3.267; CLINICAL NEUROLOGY - 69/204-Q2; Cited:0.

36. Artzi M.^{(C)*}, Bressler I.^(S), Ben Bashat D.^(PI)

Differentiation between Glioblastoma, Brain Metastasis and Sub-Types using Radiomics Analysis.

J Magn Reson Imaging. 2019 Aug;50(2):519-28.

IF 3.954; RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING - 23/134-Q1; Cited:19.

37. Ben-Zion Z.^(S), Artzi M.^(C), Nirry D.^(C), Keynan NJ.^(C), Admon R.^(C), Sharon H.^(C), Halpern P.^(C), Liberzon I.^(C), Shalev AY.^(C), Hendler T.^(PI).

- Neuroanatomical Risk Factors for Posttraumatic Stress Disorder in Recent Trauma Survivors.
Biological Psychiatry:CNMI. Epub 2019 Nov 20
IF 5.335; NEUROSCIENCES - 12/272-Q1; Cited:0.
38. Erdman A.^(S), Abend R.^(C), Jalon I.^(C), Artzi M.^(C), Gazit T.^(C), Avirame K.^(C), Ais E.D.^(C), Levkovitz Y.^(C), Gilboa-Schechtman E.^(C), Hendlar T.^(PI), Harel E.V.^(PI)
Ruminative Tendency Relates to Ventral Striatum Functionality: Evidence from Task and Resting-State fMRI
Front Psychiatry. 2020; 11: 67
IF 2.849; PSYCHIATRY in SSCI edition - 41/141-Q2; Cited:0.
39. Shofty B.^(PI), Artzi M.^(C), Shtrozberg S.^(S), Fanizzi C.^(C), DiMeco C.^(C), Haim O.^(C), Hasson S.^(C), Ram Z.^(C), Ben Bashat D.^(C), Grossman R.^(PI)
Virtual biopsy using MRI radiomics for prediction of BRAF status in melanoma brain metastasis
Sci Rep. 2020; 10: 6623.
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H. Member of Editorial Board/ Reviewer (International Journals)

- 2014-present Journal of Magnetic Resonance Imaging (reviewer)
2020-present Frontiers Neurology (reviewer)