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1. <https://www.webofscience.com/wos/woscc/basic-search> adresine girerek Researchers ekranında soyad ve ad kısımları doldurularak arama yapılır.

2. Arama sonucunda aşağıdaki şekilde bir görüntü gelecektir. Eğer aynı kişi için 2 veya daha fazla profil çıkması durumunda tüm profiller seçilerek "View as combined record" seçeneği tıklanır. Eğer tek bir profil çıkar ise ismi tıklayarak devam edebilirsiniz.

3. Açılan sayfada sağda yer alan “View citation report” bölümü tıklanarak atıf raporuna ulaşılır.

Published names ⓘ

Unay, Devrim Unay, D. Unay, D. Unay, Derya

Organizations ⓘ

Izmir Democracy University
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Dept Izmir Democracy Univ
Izmir Ekonomi Üniversitesi
Demokrasi Univ

Subject Categories

Engineering; Computer Science; Telecommunications; Radiology, Nuclear Medicine & Medical Imaging; Imaging Science & Photographic Technology

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Filters Select Filters Author Position All Publications Sort by Date: newest first 1 of 2

88 results

1 Article

Novel Neural Style Transfer based data synthesis method for phase-contrast wound healing assay images

Erdem, YS; Itheme, LO; (...); Unay, D
Oct 2024 | BIOMEDICAL SIGNAL PROCESSING AND CONTROL 96

Enriched Cited References

Recent advancements in the field of image synthesis have led to the development of Neural Style

51 References

Metrics

Profile summary ⓘ

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Web of Science Core Collection metrics

17 H-Index
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1,330 Sum of Times Cited
1,2 Citing articles

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4. Açılan Atıf raporunda her bir makalenin 2025 yılında aldığı atıflara tek tek girilerek atıf raporu oluşturulur.

88 Publications		Citations						
		Citations					Average per year	Total
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Total		116	137	120	122	95	66.5	1,330
1	Longitudinal multiple sclerosis lesion segmentation: Resource and challenge Carass, A; Roy, S; (...); Pham, DL Mar 1 2017 NEUROIMAGE 148, pp.77-102	33	41	29	25	35	28.22	254
2	Standardized evaluation framework for evaluating coronary artery stenosis detection, stenosis quantification and lumen segmentation algorithms in computed tomography angiography Kirisli, HA; Schaap, M; (...); van Walsum, T Dec 2013 MEDICAL IMAGE ANALYSIS 17(8), pp.859-876	16	11	13	12	6	12	156
3	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study Rudyanto, RD; Kerkstra, S; (...); van Ginneken, B Oct 2014 MEDICAL IMAGE ANALYSIS 18(7), pp.1217-1232	12	15	7	7	6	10.58	127
4	Automatic grading of Bi-colored apples by multispectral machine vision Unay, D; Gosselin, B; (...); Debeir, O Jan 2011 COMPUTERS AND ELECTRONICS IN AGRICULTURE 75(1), pp.204-212	6	9	6	6	3	6	90
5	Local Structure-Based Region-of-Interest Retrieval in Brain MR Images Unay, D; Ekin, A and Jasinski, RS Jul 2010 IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE 14(4), pp.897-903	0	3	1	0	0	4.13	66
6	Stem and calyx recognition on 'Jonagold' apples by pattern recognition Unay, D and Gosselin, B Jan 2007 JOURNAL OF FOOD ENGINEERING 78(2), pp.597-605	2	5	3	2	0	3.42	65

5. Açılan makale atıf raporunda sol kısımdaki filtreleme bölümünde erken görünüm olanlar için “Early Access” seçilir ve “Exclude” tıklanır.

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📄 Longitudinal multiple sclerosis lesion segmentation: Resource and challenge

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☐ 1 UDNSNet: A unified deterministic and non-deterministic segmentation network for multi-scene medical image analysis

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Zhou, HR; Xu, L; (...); Li, GY
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Most deep learning medical image segmentation methods are based on deterministic segmentation, producing a single pred ... Show more ▾

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Yeoh, PSQ; Hasikin, K; (...); Lai, KW
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3

Bifunctional chitosan-based nanocarriers as promising therapeutic approach for brain disease therapy: A critical review focusing on multiple sclerosis over emerging strategies, technologies and applications

Naghib, SM; Khorasani, MA; (...); Tavamaishvili, K
Nov 2025
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Chitosan (CS) has appeared as a promising candidate in brain disease (BD) (such as Alzheimer's, Parkinson's, and Multipl ... [Show more](#) ▼

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MRI Boundary-Aware Segmentation of Multiple Sclerosis Lesions Using a Novel Mahalanobis Distance Map

Ulloa-Poblete, G; Veloz, A; (...); Allende, H
Oct 1 2025 | APPLIED SCIENCES-BASEL ▼ 15(19)

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The accurate segmentation of multiple sclerosis (MS) lesions in magnetic resonance imaging (MRI) is essential for diagnosis, r ... [Show more](#) ▼

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A Novel Convolutional Neural Network for Automated Multiple Sclerosis Brain Lesion Segmentation

Dereskewicz, E; La Rosa, F; (...); Beck, ES
Sep 2025 | JOURNAL OF NEUROIMAGING ▼ 35(5)

Background and Purpose: Assessment of brain lesions on magnetic resonance imaging (MRI) is crucial for research in multiple scl ... [Show more](#) ▼

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Association of Spinal Cord Radiomic Features and Disability in Multiple Sclerosis

Lambe, J; Thompson, NR; (...); Ontaneda, D
Sep 2025 | JOURNAL OF NEUROIMAGING ▼ 35(5)

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Background and Purpose Spinal cord pathology underpins disability accumulation in people with multiple sclerosis (pwM ... [Show more](#) ▼

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Sarica, B; Bicakci, YS and Seker, DZ
Jun 12 2025

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Popa, M; Visa, GA and Sofariu, CR
Jul 10 2025 | SCIENTIFIC DATA ▼ 12(1)

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Huo, JY; Ourselin, S and Sparks, R
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Accurate brain lesion delineation is important for planning neurosurgical treatment. Automatic brain lesion segmentation me ... [Show more](#) ▼

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Guarnera, F; Rondinella, A; (...); Battiato, S
May 31 2025 | SCIENTIFIC DATA ▼ 12(1)

Enriched Cited References

This paper presents MSLesSeg, a new, publicly accessible MRI dataset designed to advance research in Multiple Sclerosis (M. ... [Show more](#) ▼

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A robust automated segmentation method for white matter hyperintensity of vascular-origin

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He, HY; Jiang, J; (...); Zhang, JJ
Jul 15 2025 | NEUROIMAGE ▾ 315

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Zaman, A; Yassin, MM; (...); Kang, Y
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Brain lesion segmentation is challenging in medical image analysis, aiming to delineate lesion regions precisely. Deep learning ... [Show more ▾](#)

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Goebel, P; Wingrove, J; (...); Eshaghi, A
Apr 7 2025 | NATURE COMMUNICATIONS ▾ 16(1)

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Song, HY; Wang, JC; (...); Wang, LS
Apr 2025
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44(4), pp.1931-1941

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Multimodal Federated Learning (MFL) has emerged as a collaborative paradigm for training models across decentralized devices, l ... [Show more ▾](#)

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Brain tumor segmentation with deep learning: Current approaches and future perspectives

Verma, A and Yadav, AK

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Duenias, D; Nichyporuk, B; (...); Raviv, TR

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The integration of diverse clinical modalities such as medical imaging and the tabular data extracted from patients' Electronic Hez ...

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Subject-Based Transfer Learning in Longitudinal Multiple Sclerosis Lesion Segmentation

Gaj, S; Thoomukuntla, B; (...); Nakamura, K

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Background and Purpose: Accurate and consistent lesion segmentation from magnetic resonance imaging is required for ...

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Diffusion Models for Medical Image Computing: A Survey

Shi, YQ; Abulizi, A; (...); Abudukelimu, H

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Diffusion models are a type of generative deep learning model that can process medical images more efficiently than tr. ...

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Machine learning for refining interpretation of magnetic resonance imaging scans in the management of multiple sclerosis: a narrative review

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Szekely-Kohn, AC; Castellani, M; (...); Douglas, M
Jan 22 2025 | ROYAL SOCIETY OPEN SCIENCE ▾
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Multiple sclerosis (MS) is an autoimmune disease of the brain and spinal cord with both inflammatory and neurodegenerative feat ... [Show more ▾](#)

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Orzan, F; Iancu, SD; (...); Bálint, Z
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Bao, RA; Song, YN; (...); Ou, YM
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Chen, ZL; Wang, XY; (...); Zheng, JB
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Abedi, M; Shekarchizadeh, N; (...); Kirsten, T
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