List of Keywords: Organs		List of keywords: Image Types	
Central Nervous System & Head and Neck	human brain, cerebral, brainstem, spinal cord, cells, optical chiasm, ptical nerve, eye, head, neck, head and neck, H&N, mandible, parotid, submandibular gland, oropharynx	**Magnetic Resonance Imaging (MRI)**	MRI, T1, T2, FLAIR, DWI, DCE-MRI, fMRI, MR, tractography, MR T1 volumes, MR T2 volumes, magnetic resonance, MR-CT, T1CE, FLIM, multispectral fluorescence lifetime imaging, MR T1, Diffusion Magnetic Resonance Imaging, dMRI
Cardiovascular System	heart, vein, arterial, blood vessels	**Computed Tomography (CT)**	CT, NC-CT, DCE-CT, CT volumes, contrast-enhanced abdominal computed tomography images, computed tomography, PET/CT, CBCT, TMAs, tomography, CECT, NCCT, 2D MRI
Respiratory System	chest, lung, thorax, esophagus, trachea	**Ultrasound (US)**	Ultrasound, CEUS, intra-operative ultrasound, intra-operative US, US volumes, ultrasounds, ius, Ultrasound Elastography, intraoperative ultrasound
Digestive System	abdomen, stomach, liver, gallbladder, colon, colorectal, small intestine, rectum, hepatic vein	**Positron Emission Tomography (PET)**	PET, PET/CT, Positron Emission Tomography
Regulatory Systems	lymph nodes, lymp nodes, spleen, thyroid, pituitary gland, pancreas	**Endoscopy**	Gastroscopy, endoscopy, colonoscopy, laparoscopy, endoscope
Genitourinary System	kidney, renal, bladder, pelvic, pelvic region	**Optical Coherence Tomography (OCT & D-OCT)**	Fundus, optical coherence tomography, OCT, RGB dermatocopy, D-OCT, Dynamic Optical Coherence Tomography
Structural and Protective Systems	skin, femoral head, musculoskeletal	**Radiography**	X-ray, X-rays
Whole Body	whole body, tissue, stroma, breast, brest	**Histopathology**	Histopathology, H&E, WSI, WSIs, tissue microarrays, biopsy slides, stained image tiles, histology images, H&E stained, H&E stained whole slide images, whole mount slides, slides, IF
Male Reproductive System	prostate	**Echocardiography**	2D echocardiograms, echocardiograms, 2D
Female Reproductive System	cervical, cervix, mammary glands	**Three-dimensional Imaging**	3D camera, 3D, photogrammetry 3D
Zoology	swine liver, monkey brain	**Miscellaneous**	segmentation, segmentations, MTE, image titles, no image type mentioned, tors, transoral robotic surgery, EHR

title	paper name	vol	Does the article contain any of these keywords: cancer/tumor/tumour?	notes	Study subject labelled as 'patient/patients' in dataset(s)	age	sex/gender	ethnicity	geographical location	dataset quantity	quantity of public datasets	quantity of private datasets	image type in datasets	organ/body part in datasets	Does the dataset contain sex-specific organ(s)?	Female and/or male organs?	location	location as a healthcare facility	name of healthcare facility	location as other (center/department/laboratory/university/institution/online)	name of location as other (center/department/laboratory/university/institution/online)	location as large-scale geographical entity	name of location as large-scale geographical entity	location as subnational geographical entity	name of location as subnational geographical entity	information found outside article (such as sup material and/or by references)
3D Arterial Segmentation via Single 2D Projections and Depth Supervision in Contrast-Enhanced CT	14	1																								
A Multi-task Network for Anatomy Identification in Endoscopic Pituitary Surgery	40	7																								
A Texture Neural Network to Predict the Abnormal Brachial Plexus from Routine Magnetic	46	8																								
ALL-IN: A Local Global Graph-Based Distillation Model for Representation Learning of Gigapixel	74	3																								
AMF-CAM: Attentive Multiple-Exit CAM for Weakly Supervised Segmentation on MRI	17	1																								
An AI-Ready Multiplex Staining Dataset for Reproducible and Accurate	68	6																								
An Anti-biased TBSRTC-Category Aware Nuclei Segmentation Framework with a Multi-label Thyroid	56																									
Anatomy-Driven Pathology Detection on Chest X-rays	6																									
Anatomy-informed Data Augmentation for Enhanced Prostate Cancer Detection	50	5																								
Asymmetric Contour Uncertainty Estimation for Medical Image Segmentation	21	3																								
Automated CT Lung Cancer Screening Workflow Using 3D Camera	29	6																								
atTRACTive: Semi-automatic White Matter Tract Segmentation Using Active Learning																										
Automatic Bleeding Risk Rating System of Gastric Varices	1																									

Annotation guide

Article Information

Purpose of annotation	To ensure annotations are made on the right selection of articles. Selection of articles were made by excluding non-cancer research/AI models			
sub categories	**title**	**vol**	**Does the article contain any of these keywords: cancer/tumor/tumour?**	**notes**
General Annotation: 1.Find the title of paper in the folder 2.Determine if you are annotating the right paper 3.Add the name of the paper name and vol Authors is the authors of the paper	\<title of the paper\>	\<insert the number of vol\>	Annotate '1' if the article contain one of the keywords, '0' if not.	1. Add sentences from the article that support your findings/annotations. 2. Add any remarks you find fitting. 3. Add a comment if there is categories you find hard to annotate. Please provide why it was difficult.

Demographics

Purpose of annotaiton	To identify and record specific characteristics of the population included in study datasets. These characteristics typically include age, gender, race, ethnicity, and geographical location.			
sub categories	**Study subject labelled as 'patient/patients' in dataset(s)**	**sex/gender**	**ethnicity**	**geographical location**
General Annotation: 1.Locate the section that describes the datasets. 2.Determine if the datasets include demographic details like age, gender, race, and geographical location. 3.If demographic data is present, annotate this as '1'. If not, annotate as '0'. Authors is the authors of the paper	Annotate '1' if the authors label study subjects as 'patient/patients, '0' if not. Annotate '1' if authors speak of patients in their results/findings in relation to their dataset, '0' if not.	Annotate '1' if study subjects are labeled by gender, '0' if not. Annotate '1' if information about the gender of study subjects is provided, '0' if not. Annotate '1' if there's any mention of gender in relation to the dataset, '0' if not.	Annotate '1' if study subjects are categorized by ethnicity, '0' if not. Annotate '1' if information on the ethnicities of study subjects is included, '0' if not. Annotate '1' if there's a discussion of ethnicity in relation to the dataset, '0' if not.	Annotate '1' if study subjects are labeled by their geographical location, '0' if not. Annotate '1' if there is information about the geographical locations of the study subjects, '0' if not. Annotate '1' if there's any mention of geographical location in relation to the dataset, '0' if not.
Example Phrase	1. "The cohort consists of 141 patients with pancreatic ductal adenocarcinoma, of an equal ratio of male to female patients." 2. "Following IRB approval for this study, we search for patients with metastatic breast cancer who had a breast cancer MRI performed between 2010 and 2020"	1.Labeling by Gender: "The survey responses were divided by gender, with 60% female and 40% male participants." 2. Gender Information: "Our study's gender breakdown revealed a higher number of male respondents." 3. Mention of Gender: "Gender differences were evident in the dataset, affecting the outcome of the study."	1.Categorization by Ethnicity: "Data was categorized into four ethnic groups: Caucasian, African American, Hispanic, and Asian." 2. Ethnicity Information: "Participants identified their ethnicity, allowing for an ethnically diverse dataset." 3. Discussion of Ethnicity: "The research highlights ethnic variations in the data, pointing to significant disparities."	1. Labeling by Location: "Data collection was conducted in various geographical locations, including urban and rural areas." 2. Location Information: "The dataset reflects a geographical spread from the northern to the southern regions." 3. Mention of Geographical Location: "Geographical disparities are considered in the dataset analysis, given the spread of participants' locations."
Keywords to look for	patient', 'patients'	gender', 'sex', 'women', 'woman', 'female', 'male'	ethnicity', 'ethnicities', 'race', 'white patients', 'black patients', 'nationality'	geolocation', 'geographical', 'geographic', 'country', 'countries', 'city', 'cities', 'hospital', 'hospitals', 'clinic', 'clinics', 'continent','province', 'state', 'region', 'town', 'village', 'area', 'district'

Dataset/Data collection Information

Purpose of annotaiton	To identify availability of & contents of collected data/datasets		
sub categories	**dataset quantity**	**quantity of private datasets**	**image type in datasets**
General Annotation: 1.Locate the section that describes the datasets. 2.Determine if the datasets include details of described categories Authors is the authors of the paper	Annotate the number of dataset(s) used in the paper. Annotate the number by whole integer. Use '0' if this information is not mentioned.	Annotate the number of dataset(s) described as private in the paper. Annotate the number by whole integer. Use '0' if this information is not mentioned.	Annotate the image type described in the dataset(s) by string name. Type "Unknown" if this information is not mentioned.
Example Phrase	"We use the public gbc us dataset [3] (…) we use the publicly available kvasir-seg [17] dataset" From above example there are 2 dataset(s) describes and used in the paper		"TCGANSCLC dataset includes two subtypes in lung cancer, Lung Squamous Cell Carcinoma and Lung Adenocarcinoma, with a total of 1,054 WSIs" From above example the dataset contains the image type "WSI"
Keywords to look for	"We use the dataset…", "the dataset includes", "we trained our model on dataset…"	private', 'privately', 'not publised', 'not open'	image', 'images', 'ct', 'cts', 'mri', 'wsis', 'wsi', 'ultrasound', 'pet', 'scan', 'scans', 'x-ray', 'x-rays', 'xrays', 'gastroscopy', 'colonoscopy', 'endoscopy' For more keywords look under sheet "image types"

General Annotation: 1.Locate the section that describes the datasets. 2.Determine if the datasets include details of described categories Authors is the authors of the paper	Annotate the organs/body parts described in the datasets by string name. Type "Unknown" if this information is not mentioned.	Annotate 'male' if the data contains male-specific organs Annotate 'None' if not disclosed Annotate 'Unknown' if you are unsure	Annotate 'female' if the data contains female-specific organs. Annotate 'None' if not disclosed Annotate 'Unknown' if you are unsure
Example Phrase	"TCGANSCLC dataset includes two subtypes in lung cancer, Lung Squamous Cell Carcinoma and Lung Adenocarcinoma, with a total of 1,054 WSIs" From above example the dataset contains data from the organ "lung"	"774 consecutive bi-parametric prostate mri examinations are included in this study" From above example the dataset contains data male-specific organs.	
Keywords to look for	breast', 'no organ mentioned', 'gastro', 'colorectal', 'chest', 'skin', 'colon', 'lymph nodes', 'skin',	"Male Reproductive System" :	Female Reproductive System":

All categories

Main categories	Sub categories								
General Information	title	paper name	vol						
Demographics	Study subject labelled as 'patient/patients' in dataset(s)	Does the article contain any of these keywords: cancer/tumor/tumour?	age	sex/gender	ethnicity	geographical location	notes		
Dataset	dataset quantity	quantity of public datasets	quantity of private datasets	image type in datasets	organ/body part in datasets	Does the dataset contain sex-specific organ(s)?	Female and/or male organs?		
Demographics & Dataset	location	location as a healthcare facility	name of healthcare facility	location as other	name of location as other	location as large-scale geographical entity	name of location as large-scale geographical entity	location as subnational geographical entity	name of location as subnational geographical entity
Other	Information found outside article								

title	paper name	vol	Does the article contain any of these keywords: cancer/tum our/tumour?	notes	Study subject labelled as 'patient/pat ients' in dataset(s)	age	sex/gender	ethnicity	geographic al location	dataset quantity	quantity of public datasets	quantity of private datasets	image type in datasets	organ/body part in datasets	Does the dataset contain sex-specific organ(s)?	Female and/or male organs?	location as a healthcare facility	name of healthcare facility	location as other artment/lab oratory/univ ersity/instit ution/online	name of other artment/lab oratory/univ ersity/instit ution/online	location as large-scale geographic al entity	name of large-scale geographic al entity	location as subnational geographic al entity	name of subnational geographic al entity	Information found article sup material and/or by references	link/sup material
3D Arterial	14	1	1	We use an in-	0	1	0	0	0	0	0	1	contrast-	abdomen,	0	0	1	national	0	No Name	1	united	1	london	1	https://link.
A Multi-task Network for	45	9	1	A dataset of	1	0	0	0	1	0	0	endoscope	pituitary	0	0	1	anonymous	0	No Name	0	No Name	0	No Name	0	https://link.
A Texture Neural	46	8	1	Following	1	1	0	0	1	0	0	mri	breast	1	male	0	No Name	0	No Name	0	No Name	0	No Name	0	0
ALL-IN-A Local Global	74	3	1	We	1	0	0	0	3	2	0	mri	prostate	1	male	0	No Name	0	No Name	0	No Name	0	No Name	1	public
AME-CAM: Attentive	17	1	1	*mention	0	0	0	0	1	0	0	magnetic	brain	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://arxiv
ArtAI-Ready Multiplex	68	6	1	Table 1:	1	1	0	0	2	0	1	mri	prostate	1	male	1	moffit	0	No Name	1	us	0	No Name	1	https://arxiv
An Anti-biased TBSRTC-	56	6	1	*info about	1	0	0	0	1	0	1	h&e	thyroid	0	0	0	No Name	0	No Name	0	No Name	0	No Name	0	0
Anatomy-Driven	6	1	1	*they	1	0	0	0	3	0	0	lhc, lf,	head and	1	male	1	national	0	No Name	1	boston	0	No Name	1	https://phys
Anatomy-Informed Data	50	7	1	774	0	0	0	0	1	1	0	x-ray	chest	0	0	1	medical	1	national	0	No Name	1	heidelberg	0	https://phys
Asymmetric Contour	21	3	1	Note: The	1	0	0	0	4	0	0	mri	prostate	1	male	0	No Name	0	No Name	0	No Name	0	No Name	0	0
atTRACTive: Semi-	23	8	1	The method	1	0	0	0	2	1	0	ultrasounds,	heart,	0	0	1	different	0	No Name	0	No Name	1	No Name	1	https://pdf.s
Automated CT Lung	40	7	1	Note:	1	0	0	1	3	0	0	ct,3d	brain	0	0	1	No Name	0	No Name	0	No Name	1	unknown,	0	https://pdfs
Automatic Bleeding Risk	1	5	1	We also	0	0	0	0	1	0	1	gastroscopy	stomach,	0	0	1	grade-III	0	No Name	0	No Name	0	No Name	0	https://stati
BerDiff: Conditional	47	4	1	Extensive	0	0	0	0	2	2	0	mri, t1, t2,	lung	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	0
Black-box Domain	71	1	1	The pretext	0	0	0	0	4	2	0	segmentatio	breast,	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://stati
Brain Anatomy-Guided	11	8	1	*table	0	0	0	0	3	1	0	mri, t1	brain	0	0	1	First	1	two sites	0	No Name	0	No Name	1	0
Breast Ultrasound	33	4	1	*datasets	0	0	0	0	4	4	0	us	breast	0	0	0	No Name	1	netherlands	0	No Name	0	No Name	1	0
Bridging Ex-Vivo Training	53	7	1	Ex-vivo:	0	0	0	0	2	0	0	intra-	breast	0	0	1	No Name	1	BSC	0	No Name	0	No Name	0	0
CARL: Cross-Aligned	35	5	1	Note:	0	0	0	0	1	1	0	ct	lung	0	0	1	No Name	1	the cancer	0	No Name	0	No Name	0	https://qub
Category-Level	1	4	1	To	0	0	0	0	6	6	0	t2, mri	prostate	1	male	1	No Name	0	No Name	0	No Name	0	No Name	0	0
Centroid-Aware	20	2	1	*the article	0	0	0	0	2	2	0	wsi, wsis,	colorectal	0	0	0	No Name	1	No Name	0	No Name	0	No Name	1	https://www
Certification of Deep	58	4	1	*demograph	0	0	0	0	5	5	0	x-rays, rgb	chest, lung,	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://www
CLIP-Lung: Textual	38	7	1	Dataset:	0	0	0	0	1	1	0	ct	lung	0	0	1	No Name	0	No Name	0	No Name	0	No Name	0	0
Cluster-Induced Mask	15	5	1	Dataset and	0	0	0	0	1	0	0	ct	stomach	0	0	1	Guangdong,	0	No Name	0	No Name	0	No Name	0	0
Co-Learning Semantic-	51	10	1	Experiment	0	1	0	0	3	0	0	mri	brain	1	male	1	No Name	0	No Name	0	No Name	0	No Name	0	0
Deep Learning for Tumor	62	6	1	The model	1	1	0	0	1	0	1	whole	stroma,	0	0	1	Pathology	0	No Name	0	No Name	0	No Name	0	0
Deep Unsupervised	64	8	0	We analyze	0	0	0	0	2	0	0	wsi	breast	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://www
Detecting Domain Shift	16	5	1	*location	0	0	0	0	2	2	0	wsi, wsis,	lymph nodes	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://cam
Detecting the Sensing	25	9	1	To further	0	0	0	0	2	0	0	laparoscopy	no organ	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://cam
Detection of Basal Cell	26	6	1	*they say	0	1	0	0	3	0	1	wsi	skin	1	No Name	1	south sun	0	No Name	0	No Name	0	No Name	0	0
Dice Semimetric	46	3	1	*location	0	0	0	0	3	3	0	ct, mr	prostate,	1	male	0	No Name	0	No Name	0	No Name	0	No Name	1	https://qub
DiffDP: Radiotherapy	19	6	1	Extensive	0	0	0	0	1	0	1	ct	rectum,	1	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://qub
Diffusion Kinetic Model	10	4	1	*age and	0	0	0	0	1	0	1	dce-mri, mri	breast	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	Clinical and
Distributionally Robust	72	10	1	*gender/sex	0	0	0	0	3	1	0	ct, mr, mr t1	brain,	1	male	0	West China	0	No Name	0	No Name	0	No Name	1	https://brai
DISA: Differentiable	15	5	1*	*The article	1	1	0	0	2	0	1	mri, mri, t1,	brain	1	0	1	No Name	0	No Name	0	No Name	0	No Name	1	https://brai
DULDA: Dual-Domain	74	5	1	*dataset	1	0	0	0	1	0	0	pet	brain	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	https://brai
Edge-Aware Multi-task	62	4	1	An axial	0	1	0	0	1	0	0	mri	liver	0	0	1	No Name	0	No Name	0	No Name	0	No Name	0	0
Enhancing Breast	38	5	1	We validate	0	0	0	0	1	1	0	mammogra	breast	1	female	0	No Name	0	across	0	united	1	No Name	0	united
Explaining Massive-	68	2	1	Our XAI	0	0	0	0	1	0	0	ct	hepatic,	0	0	1	No Name	0	No Name	0	No Name	0	No Name	0	0
Faithful Synthesis of	58	2	1	we	0	0	0	2	0	0	0	mri	brain	0	0	0	No Name	0	No Name	0	No Name	0	No Name	1	0
Flim-Based in Vivo	56	9	1	Due to	1	0	0	1	0	0	0	film,	oropharynx	0	0	0	No Name	0	No Name	0	No Name	0	No Name	0	0
FocalErrorNet:	66	9	1	*location	1	0	0	1	1	0	1	mri, us	brain,	0	0	0	No Name	0	No Name	1	No Name	0	No Name	1	https://pub