x Abbreviations

Abbreviations

2D - Two-Dimensional 3D - Three-Dimensional 95%*CI* - 95% Confidence Interval

ADHD - Attention-Deficit Hyperactivity Disorder
CACTUS - Completely Automatic Computer Technique

for Unsupervised Segmentation

CT - Computed Tomography

CTA - Computed Tomography AngiographyDSA - Digital Subtraction Angiography

EEG - ElectroEncephaloGraphy
FDG - FluoroDeoxy Glucose

fMRI - functional MRI FOV - Field Of View

FWHM - Full Width at Half Maximum

HMPAO - ^{99m}Tc-HexaMethylPropileneAmino-Oxime

HSV - Hue-Saturation-ValueIR - Inversion Recoveryκ-value - kappa-value

MEG - MagnetoEncephaloGraphy MIP - Maximum Intensity Projection MRA - Magnetic Resonance Angiography

MRI - Magnetic Resonance Imaging MRSI - MR Spectroscopic Imaging

(3D) NF - (3D) Normal Fusion

PET - Positron Emission Tomography

pixel - picture element

PSM - Primary Sensory Motor (area)

RGB - Red-Green-Blue sd - Standard Deviation

SPECT - Single Photon Emission Tomography

TE - Echo Time TR - Repetition Time

TS - Gilles de la Tourette Syndrome

voxel - volume element

VROOM - Volume Rendering by Object-Oriented Methods