

# Svitlana Zinger

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

594  
citations

623734

14  
h-index

713466

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional MRI in major depressive disorder: A review of findings, limitations, and future prospects. <i>Journal of Neuroimaging</i> , 2022, 32, 582-595.	2.0	12
2	Identification of patients at risk of cardiac conduction diseases requiring a permanent pacemaker following TAVI procedure: a deep-learning approach on ECG signals. , 2022, , .		0
3	Multi-view 3D skin feature recognition and localization for patient tracking in spinal surgery applications. <i>BioMedical Engineering OnLine</i> , 2021, 20, 6.	2.7	1
4	Emulative, coherent, and causal dynamics between large-scale brain networks are neurobiomarkers of Accelerated Cognitive Ageing in epilepsy. <i>PLoS ONE</i> , 2021, 16, e0250222.	2.5	0
5	Machine Learning for Predicting Mortality in Transcatheter Aortic Valve Implantation: An Inter-Center Cross Validation Study. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 65.	1.6	4
6	Mask-MCNet: Tooth instance segmentation in 3D point clouds of intra-oral scans. <i>Neurocomputing</i> , 2021, 453, 286-298.	5.9	24
7	The effects of multi-echo fMRI combination and rapid T <sup>*</sup> -mapping on offline and real-time BOLD sensitivity. <i>NeuroImage</i> , 2021, 238, 118244.	4.2	12
8	Local and Distributed Machine Learning for Inter-hospital Data Utilization: An Application for TAVI Outcome Prediction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 787246.	2.4	1
9	A Bayesian method for inference of effective connectivity in brain networks for detecting the Mozart effect. <i>Computers in Biology and Medicine</i> , 2020, 127, 104055.	7.0	5
10	Towards Optical Imaging for Spine Tracking without Markers in Navigated Spine Surgery. <i>Sensors</i> , 2020, 20, 3641.	3.8	14
11	Hyperspectral Imaging for Glioblastoma Surgery: Improving Tumor Identification Using a Deep Spectral-Spatial Approach. <i>Sensors</i> , 2020, 20, 6955.	3.8	27
12	Hyperspectral Imaging for Skin Feature Detection: Advances in Markerless Tracking for Spine Surgery. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4078.	2.5	14
13	Quality and denoising in real-time functional magnetic resonance imaging neurofeedback: A methods review. <i>Human Brain Mapping</i> , 2020, 41, 3439-3467.	3.6	39
14	Mask-MCNet: Instance Segmentation in 3D Point Cloud of Intra-oral Scans. <i>Lecture Notes in Computer Science</i> , 2019, , 128-136.	1.3	16
15	Predictive features for early cancer detection in Barrett's esophagus using Volumetric Laser Endomicroscopy. <i>Computerized Medical Imaging and Graphics</i> , 2018, 67, 9-20.	5.8	18
16	Brain resting-state networks in adolescents with high-functioning autism: Analysis of spatial connectivity and temporal neurodynamics. <i>Brain and Behavior</i> , 2018, 8, e00878.	2.2	24
17	Wavelet coherence-based classifier: A resting-state functional MRI study on neurodynamics in adolescents with high-functioning autism. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 154, 143-151.	4.7	60
18	Robust and semantic needle detection in 3D ultrasound using orthogonal-plane convolutional neural networks. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 1321-1333.	2.8	32

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19	Coherent needle detection in ultrasound volumes using 3D conditional random fields. , 2018, , .		0
20	Medical Instrument Detection in 3-Dimensional Ultrasound Data Volumes. IEEE Transactions on Medical Imaging, 2017, 36, 1664-1675.	8.9	25
21	Computer-aided detection of early neoplastic lesions in Barrett's esophagus. Endoscopy, 2016, 48, 617-624.	1.8	142
22	Altered neurotransmitter metabolism in adolescents with high-functioning autism. Psychiatry Research - Neuroimaging, 2016, 256, 44-49.	1.8	52
23	Latency optimization for autostereoscopic volumetric visualization in image-guided interventions. Neurocomputing, 2014, 144, 119-127.	5.9	2
24	GPU-accelerated real-time free-viewpoint DIBR for 3DTV. IEEE Transactions on Consumer Electronics, 2012, 58, 633-640.	3.6	24
25	View Interpolation for Medical Images on Autostereoscopic Displays. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 128-137.	8.3	21
26	Real-time free-viewpoint DIBR on GPUs for 3DTV systems. , 2011, , .		10
27	Real-time free-viewpoint DIBR on GPUs for large base-line multi-view 3DTV videos. , 2011, , .		8
28	rt-me-fMRI: a task and resting state dataset for real-time, multi-echo fMRI methods development and validation. F1000Research, 0, 10, 70.	1.6	1