Barbara Bobek-Billewicz

List of Publications by Year
in descending order

39 papers	607 citations	687335 13 h-index	642715 23 g-index
39 all docs	39 docs citations	39 times ranked	1146 citing authors

#	Article	IF	Citations
1	DALSA: Domain Adaptation for Supervised Learning From Sparsely Annotated MR Images. IEEE Transactions on Medical Imaging, 2016, 35, 184-196.	8.9	68
2	External and middle ear diseases: radiological diagnosis based on clinical signs and symptoms. Insights Into Imaging, 2012, 3, 33-48.	3.4	61
3	The assessment of prognostic factors in surgical treatment of low-grade gliomas: A prospective study. Clinical Neurology and Neurosurgery, 2012, 114, 1135-1144.	1.4	52
4	Segmenting brain tumors from FLAIR MRI using fully convolutional neural networks. Computer Methods and Programs in Biomedicine, 2019, 176, 135-148.	4.7	51
5	Fully-automated deep learning-powered system for DCE-MRI analysis of brain tumors. Artificial Intelligence in Medicine, 2020, 102, 101769.	6.5	46
6	Circulating HPV16 DNA may complement imaging assessment of early treatment efficacy in patients with HPV-positive oropharyngeal cancer. Journal of Translational Medicine, 2020, 18, 167.	4.4	45
7	Markers of angiogenesis (CD31, CD34, rCBV) and their prognostic value in low-grade gliomas. Neurologia I Neurochirurgia Polska, 2013, 47, 325-331.	1.2	30
8	Whole Brain and Cranial Size Adjustments in Volumetric Brain Analyses of Sex- and Age-Related Trends. Frontiers in Neuroscience, 2020, 14, 278.	2.8	27
9	Myositis ossificans mimicking sarcoma, the importance of diagnostic imaging â€“ case report. Polski Przeglad Radiologii I Medycyny Nuklearnej, 2014, 79, 228-232.	1.0	25
10	Nowotwory neuroendokrynne jelita cienkiego i wyrostka robaczkowego â€” zasady postÄ™powania (rekomendowane przez PolskÄ... SieÄ‡ GuzÃ³w Neuroendokrynnych). Endokrynologia Polska, 2014, 64, 480-493.	1.0	25
11	Data Augmentation via Image Registration. , 2019, , .		22
12	Original article Anaplastic transformation of low-grade gliomas (WHO II) on magnetic resonance imaging. Folia Neuropathologica, 2014, 2, 128-140.	1.2	20
13	MiMSeg - an algorithm for automated detection of tumor tissue on NMR apparent diffusion coefficient maps.. Information Sciences, 2017, 384, 235-248.	6.9	14
14	Application of Intravoxel Incoherent Motion (IVIM) Model for Differentiation Between Metastatic and Non-Metastatic Head and Neck Lymph Nodes. Polish Journal of Radiology, 2017, 82, 506-510.	0.9	14
15	Surgical treatment of insular tumours with tractography, functional magnetic resonance imaging, transcranial electrical stimulation and direct subcortical stimulation support. Neurologia I Neurochirurgia Polska, 2011, 45, 351-362.	1.2	12
16	Association of breast cancer grade with response to neoadjuvant chemotherapy assessed postoperatively. Polish Journal of Pathology, 2019, 70, 91-99.	0.3	12
17	Reoperations of patients with low-grade gliomas in eloquent or near eloquent brain areas. Neurologia I Neurochirurgia Polska, 2013, 47, 116-125.	1.2	11
18	Atypical presentation of invasive pulmonary aspergillosis in a liver transplant recipient. Annals of Transplantation, 2013, 18, 238-242.	0.9	11

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19	Early Detection of Malignant Transformation in Resected WHO II Low-Grade Glioma Using Diffusion Tensor-Derived Quantitative Measures. PLoS ONE, 2016, 11, e0164679.	2.5	8
20	Late dissemination via cerebrospinal fluid of papillary tumor of the pineal region: a case report and literature review. Folia Neuropathologica, 2016, 1, 72-79.	1.2	7
21	Ratio of proliferation markers and HSP90 gene expression as a predictor of pathological complete response in breast cancer neoadjuvant chemotherapy. Folia Histochemica Et Cytobiologica, 2017, 54, 202-209.	1.5	7
22	Rare primary tumours of the hypothalamus in adults: clinical course and surgical treatment. Neurologia I Neurochirurgia Polska, 2010, 44, 546-553.	1.2	6
23	Leukoencephalopathy with Brain Stem and Spinal Cord Involvement and Lactate Elevation: High Outcome Variation between Two Siblings. Neuropediatrics, 2014, 45, 188-191.	0.6	5
24	Surgical treatment of adult patients with thalamic tumors with the aid of tractography, fMRI, transcranial electrical stimulation and direct electrical stimulation of the subcortical white matter. Neurologia I Neurochirurgia Polska, 2018, 52, 720-730.	1.2	5
25	Diagnostic value of dynamic and morphologic breast MRI analysis in the diagnosis of breast cancer. Polski Przeglad Radiologii I Medycyny Nuklearnej, 2014, 79, 99-107.	1.0	5
26	Usefulness of clinical magnetic resonance scanners for imaging experimental changes in laboratory rodents' central nervous system. Polish Annals of Medicine, 2012, 19, 43-49.	0.3	4
27	The use of functional magnetic resonance imaging in reducing a risk of postoperative neurological deficits in the patients with brain tumour. Neurologia I Neurochirurgia Polska, 2013, 47, 547-554.	1.2	4
28	Surgical treatment and prognosis of adult patients with brainstem gliomas. Neurologia I Neurochirurgia Polska, 2018, 52, 623-633.	1.2	3
29	A case of carotid body paraganglioma and haemangioblastoma of the spinal cord in a patient with the N131K missense mutation in the VHL gene. Neurological Sciences, 2011, 32, 491-496.	1.9	2
30	Current methods of focal liver lesion diagnosis. Polish Annals of Medicine, 2013, 20, 141-148.	0.3	1
31	High resolution small animals dedicated magnetic resonance scanners as a tool for laboratory rodents central nervous system imaging. Polish Annals of Medicine, 2013, 20, 62-68.	0.3	1
32	Pulmonary Complications After Allogeneic Hematopoietic Stem Cell Transplantation for Multiple Myeloma: A Case Report. Transplantation Proceedings, 2020, 52, 2551-2553.	0.6	1
33	Multiseries MR Data in Brain Tumours Segmentation. Advances in Intelligent and Soft Computing, 2010, , 53-64.	0.2	1
34	Surgical treatment of brainstem cavernomas using diffusion tensor imaging and diffusion tensor tractography. Neurologia I Neurochirurgia Polska, 2022, , .	1.2	1
35	Ocena przydatnoÅ›ci obrazowania dyfuzji metodÄ… rezonansu magnetycznego w diagnostyce rÃ³Å¼nicowej Å‚agodnych i zÅ‚oÅ›liwych zmian ogniskowych w wÄ…trobie. Nowotwory, 2014, 64, 377-382.	0.3	0
36	Ãœberwachtes Lernen zur PrÃ¤diktion von Tumorwachstum. Informatik Aktuell, 2015, , 473-478.	0.6	0

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37	Automatische Tumorsegmentierung mit spÃrlich annotierter Lernbasis. Informatik Aktuell, 2015, , 486-491.	0.6	0
38	The role of magnetic resonance imaging in the diagnosis of breast cancer. Nowotwory, 2017, 67, 185-192.	0.3	0
39	An assessment of computed tomography laser mammography in breast cancer diagnosis. Polish Annals of Medicine, 0, , .	0.3	0