

Petr Krupa

List of Publications by Year in descending order

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33
papers

1,247
citations

471509

17
h-index

434195

31
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34
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docs citations

34
times ranked

2158
citing authors

#	ARTICLE	IF	CITATIONS
1	A Low-Cost System for Seismocardiography-Based Cardiac Triggering: A Practical Solution for Cardiovascular Magnetic Resonance Imaging at 3 Tesla. <i>IEEE Access</i> , 2019, 7, 118608-118629.	4.2	12
2	Magnetic Resonance Imaging Compatible Non-Invasive Fibre-Optic Sensors Based on the Bragg Gratings and Interferometers in the Application of Monitoring Heart and Respiration Rate of the Human Body: A Comparative Study. <i>Sensors</i> , 2018, 18, 3713.	3.8	33
3	Aggressive Extraocular Sebaceous Carcinoma of the Scalp Involving the Brain in a Patient With Muir-Torre Syndrome. <i>American Journal of Dermatopathology</i> , 2016, 38, 618-622.	0.6	7
4	Clastrum damage and refractory status epilepticus following febrile illness. <i>Neurology</i> , 2015, 85, 1224-1232.	1.1	58
5	Functional Imaging of the Cerebellum and Basal Ganglia During Predictive Motor Timing in Early Parkinson's Disease. <i>Journal of Neuroimaging</i> , 2014, 24, 45-53.	2.0	34
6	Vocal Tract and Glottal Function During and After Vocal Exercising With Resonance Tube and Straw. <i>Journal of Voice</i> , 2013, 27, 523.e19-523.e34.	1.5	139
7	Status Update and Interim Results from the Asymptomatic Carotid Surgery Trial-2 (ACST-2). <i>European Journal of Vascular and Endovascular Surgery</i> , 2013, 46, 510-518.	1.5	61
8	Tumors in the 18th and 19th centuries at Brno, Czech Republic. <i>Anthropologischer Anzeiger</i> , 2013, 70, 385-405.	0.4	2
9	The effect of phonation into a straw on the vocal tract adjustments and formant frequencies. A preliminary MRI study on a single subject completed with acoustic results. <i>Biomedical Signal Processing and Control</i> , 2012, 7, 50-57.	5.7	55
10	Root resorption associated with ectopically erupting maxillary permanent canines: a computed tomography study. <i>European Journal of Orthodontics</i> , 2011, 33, 483-491.	2.4	34
11	Transcatheter closure of coronary artery fistula by implanting three platinum coils in a 91-year-old female. <i>Cor Et Vasa</i> , 2010, 52, 262-264.	0.1	0
12	Correlation study of optimized voxel-based morphometry and ¹ H MRS in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. <i>Human Brain Mapping</i> , 2009, 30, 1226-1235.	3.6	25
13	Outcome of Patients With Negative CT Angiography Results for Arterial Occlusion Treated With Intravenous Thrombolysis. <i>Stroke</i> , 2009, 40, 868-872.	2.0	8
14	Allogeneic and autogenous transplantations of MSCs in treatment of the physeal bone bridge in rabbits. <i>BMC Biotechnology</i> , 2008, 8, 70.	3.3	42
15	Effects of spatial smoothing on fMRI group inferences. <i>Magnetic Resonance Imaging</i> , 2008, 26, 490-503.	1.8	269
16	Morphology of Fronto-temporal Regions and Word Generation in First-episode Schizophrenia. <i>Activitas Nervosa Superior</i> , 2008, 50, 88-90.	0.4	2
17	Teeth And Jaw 3D Reconstrucion In Stomatology. , 2007, , .		3
18	Prefrontal but not temporal grey matter changes in males with first-episode schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 151-157.	4.8	40

#	ARTICLE	IF	CITATIONS
19	Effective connectivity in target stimulus processing: A dynamic causal modeling study of visual oddball task. <i>NeuroImage</i> , 2007, 35, 827-835.	4.2	63
20	Opportunities of Today's ICT Technologies for Support of Education and Training in Radiology. , 2007, , .		1
21	fMRI evaluation of hemispheric language dominance using various methods of laterality index calculation. <i>Experimental Brain Research</i> , 2007, 179, 365-374.	1.5	68
22	Magnetic resonance spectroscopy of the thalamus in patients with mesial temporal lobe epilepsy and hippocampal sclerosis. <i>Epileptic Disorders</i> , 2007, 9 Suppl 1, S59-67.	1.3	7
23	Prevention of Bone Bridge Formation Using Transplantation of the Autogenous Mesenchymal Stem Cells to Physeal Defects: An Experimental Study in Rabbits. <i>Acta Veterinaria Brno</i> , 2007, 76, 253-263.	0.5	17
24	Chondrocytic Potential of Allogenic Mesenchymal Stem Cells Transplanted without Immunosuppression to Regenerate Physeal Defect in Rabbits. <i>Acta Veterinaria Brno</i> , 2007, 76, 265-275.	0.5	14
25	Magnetic resonance spectroscopy of the thalamus in patients with typical absence epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006, 15, 533-540.	2.0	33
26	An event-related fMRI study of self-paced alphabetically ordered writing of single letters. <i>Experimental Brain Research</i> , 2006, 173, 79-85.	1.5	22
27	An Event-Related fMRI Study of Self-Paced Writing of Simple Dots. <i>Journal of Psychophysiology</i> , 2006, 20, 61-67.	0.7	3
28	Reorganization of language-related neuronal networks in patients with left temporal lobe epilepsy - an fMRI study. <i>European Journal of Neurology</i> , 2005, 12, 268-275.	3.3	65
29	Combined event-related fMRI and intracerebral ERP study of an auditory oddball task. <i>NeuroImage</i> , 2005, 26, 285-293.	4.2	76
30	Handedness Shift as a Consequence of Motor Cortex Reorganization After Early Functional Impairment in Left Temporal Lobe Epilepsy – An fMRI Case Report. <i>Neurocase</i> , 2004, 10, 326-329.	0.6	17
31	Wegener's granulomatosis: ischemic stroke as the first clinical manifestation (case study). <i>Journal of Neurology</i> , 2002, 249, 1593-1594.	3.6	18
32	Therapy-related change of corpus callosum in a young patient with epilepsy. <i>European Radiology</i> , 2002, 12, 345-347.	4.5	14
33	Circular stereotactic callosotomy: A preliminary report. <i>Acta Neurochirurgica</i> , 1997, 139, 359-360.	1.7	4