

Magdalena Sokolska

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

780
citations

471061

17
h-index

552369

26
g-index

42
all docs

42
docs citations

42
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-body MRI quantitative biomarkers are associated significantly with treatment response in patients with newly diagnosed symptomatic multiple myeloma following bortezomib induction. <i>European Radiology</i> , 2017, 27, 5325-5336.	2.3	62
2	Cerebral Blood Flow and Cognitive Functioning in a Community-Based, Multi-Ethnic Cohort: The SABRE Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 279.	1.7	61
3	Separating fetal and maternal placenta circulations using multiparametric MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 350-361.	1.9	59
4	Non-Invasive MRI of Bloodâ€Cerebrospinal Fluid Barrier Function. <i>Nature Communications</i> , 2020, 11, 2081.	5.8	57
5	Whole body magnetic resonance imaging in newly diagnosed multiple myeloma: early changes in lesional signal fat fraction predict disease response. <i>British Journal of Haematology</i> , 2017, 176, 222-233.	1.2	48
6	Melatonin as an adjunct to therapeutic hypothermia in a piglet model of neonatal encephalopathy: A translational study. <i>Neurobiology of Disease</i> , 2019, 121, 240-251.	2.1	47
7	Oxygen dependency of mitochondrial metabolism indicates outcome of newborn brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2035-2047.	2.4	43
8	Proton magnetic resonance spectroscopy lactate/N-acetylaspartate within 2 weeks of birth accurately predicts 2-year motor, cognitive and language outcomes in neonatal encephalopathy after therapeutic hypothermia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, fetalneonatal-2018-315478.	1.4	39
9	Multiparametric whole-body 3.0-T MRI in newly diagnosed intermediate- and high-risk prostate cancer: diagnostic accuracy and interobserver agreement for nodal and metastatic staging. <i>European Radiology</i> , 2019, 29, 3159-3169.	2.3	34
10	High-Dose Melatonin and Ethanol Excipient Combined with Therapeutic Hypothermia in a Newborn Piglet Asphyxia Model. <i>Scientific Reports</i> , 2020, 10, 3898.	1.6	30
11	Pressure passivity of cerebral mitochondrial metabolism is associated with poor outcome following perinatal hypoxic ischemic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 118-130.	2.4	27
12	Arterial Spin Labeling MRI in Carotid Stenosis: Arterial Transit Artifacts May Predict Symptoms. <i>Radiology</i> , 2020, 297, 652-660.	3.6	26
13	Magnetic resonance imaging measurement of placental perfusion and oxygen saturation in earlyâ€onset fetal growth restriction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 337-345.	1.1	26
14	Visualizing the emergence of posterior cortical atrophy. <i>Neurocase</i> , 2012, 18, 248-257.	0.2	25
15	Brain Perfusion Imaging in Neonates: An Overview. <i>American Journal of Neuroradiology</i> , 2016, 37, 1766-1773.	1.2	23
16	Cortical cerebral blood flow in ageing: effects of haematocrit, sex, ethnicity and diabetes. <i>European Radiology</i> , 2019, 29, 5549-5558.	2.3	22
17	Melatonin and/or erythropoietin combined with hypothermia in a piglet model of perinatal asphyxia. <i>Brain Communications</i> , 2021, 3, fcaa211.	1.5	19
18	Human umbilical cord mesenchymal stromal cells as an adjunct therapy with therapeutic hypothermia in a piglet model of perinatal asphyxia. <i>Cytotherapy</i> , 2021, 23, 521-535.	0.3	16

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19	Investigating the oxygenation of brain arteriovenous malformations using quantitative susceptibility mapping. <i>NeuroImage</i> , 2019, 199, 440-453.	2.1	15
20	Improved fetal blood oxygenation and placental estimated measurements of diffusion-weighted MRI using data-driven Bayesian modeling. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2160-2172.	1.9	15
21	Magnetic Resonance Imaging of Cerebral Small Vessel Disease in Men Living with HIV and HIV-Negative Men Aged 50 and Above. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 453-460.	0.5	13
22	Quantification of cerebral perfusion and cerebrovascular reserve using Turbo-QUASAR arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 731-748.	1.9	11
23	Are Dynamic Arterial Spin-Labeling MRA and Time-Resolved Contrast-Enhanced MRA Suited for Confirmation of Obliteration following Gamma Knife Radiosurgery of Brain Arteriovenous Malformations?. <i>American Journal of Neuroradiology</i> , 2021, 42, 671-678.	1.2	11
24	Hypothermia is not therapeutic in a neonatal piglet model of inflammation-sensitized hypoxia-ischemia. <i>Pediatric Research</i> , 2022, 91, 1416-1427.	1.1	9
25	Prognostic value of neonatal EEG following therapeutic hypothermia in survivors of hypoxic-ischemic encephalopathy. <i>Clinical Neurophysiology</i> , 2021, 132, 2091-2100.	0.7	7
26	Super-resolution Reconstruction MRI Application in Fetal Neck Masses and Congenital High Airway Obstruction Syndrome. <i>OTO Open</i> , 2021, 5, 2473974X211055372.	0.6	7
27	Brain Perfusion, Regional Volumes, and Cognitive Function in Human Immunodeficiency Virus-positive Patients Treated With Protease Inhibitor Monotherapy. <i>Clinical Infectious Diseases</i> , 2019, 68, 1031-1040.	2.9	3
28	Effect of labelling plane angulation and position on labelling efficiency and cerebral blood flow quantification in pseudo-continuous arterial spin labelling. <i>Magnetic Resonance Imaging</i> , 2019, 59, 61-67.	1.0	3
29	Planning of gamma knife radiosurgery (GKR) for brain arteriovenous malformations using triple magnetic resonance angiography (triple-MRA). <i>British Journal of Neurosurgery</i> , 2022, 36, 217-227.	0.4	3
30	MRI Measurement of Placental Perfusion and Fetal Blood Oxygen Saturation in Normal Pregnancy and Placental Insufficiency. <i>Lecture Notes in Computer Science</i> , 2018, , 913-920.	1.0	3
31	Biometric assessments of the posterior fossa by fetal MRI : A systematic review. <i>Prenatal Diagnosis</i> , 2021, 41, 258-270.	1.1	2
32	Vessel wall magnetic resonance and arterial spin labelling imaging in the management of presumed inflammatory intracranial arterial vasculopathy. <i>Brain Communications</i> , 0, , .	1.5	2
33	Segmentation-based blood flow parameter refinement in cerebrovascular structures using 4D arterial spin labeling MRA. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 67, 1-1.	2.5	1
34	Miners' Nystagmus Following Visual Deprivation: A Case Report. <i>Annals of Internal Medicine</i> , 2021, 174, 1021-1022.	2.0	1
35	Whole Body (WB) MRI in Newly Diagnosed Multiple Myeloma (MM): Fat Fraction Changes at 8 Weeks Predict Response to Induction with Bortezomib Regimens. <i>Blood</i> , 2015, 126, 1850-1850.	0.6	1
36	P3422: PROTOCOL HARMONISATION AND IN-VIVO COMPARISON OF ARTERIAL SPIN LABELLING PERFUSION MRI FOR MULTICENTER CLINICAL TRIALS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1269.	0.4	0

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37	Improved Placental Parameter Estimation Using Data-Driven Bayesian Modelling. Lecture Notes in Computer Science, 2019, , 609-616.	1.0	0
38	PD-0245 Changes in cortical blood flow >1 year after radiation for glioma using arterial spin labelling MRI. Radiotherapy and Oncology, 2022, 170, S207-S208.	0.3	0