

Sophie K Piper

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,241
citations

516710

16
h-index

395702

33
g-index

48
all docs

48
docs citations

48
times ranked

2385
citing authors

#	ARTICLE	IF	CITATIONS
1	A wearable multi-channel fNIRS system for brain imaging in freely moving subjects. <i>NeuroImage</i> , 2014, 85, 64-71.	4.2	316
2	Where Have All the Rodents Gone? The Effects of Attrition in Experimental Research on Cancer and Stroke. <i>PLoS Biology</i> , 2016, 14, e1002331.	5.6	90
3	Stroke in right dorsal anterior insular cortex Is related to myocardial injury. <i>Annals of Neurology</i> , 2017, 81, 502-511.	5.3	86
4	Thromboembolic complications in critically ill COVID-19 patients are associated with impaired fibrinolysis. <i>Critical Care</i> , 2020, 24, 676.	5.8	78
5	Ketogenic diet and fasting diet as Nutritional Approaches in Multiple Sclerosis (NAMS): protocol of a randomized controlled study. <i>Trials</i> , 2020, 21, 3.	1.6	55
6	Safety and preliminary efficacy of deep transcranial magnetic stimulation in MS-related fatigue. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e423.	6.0	52
7	Instruments to measure outcomes of post-intensive care syndrome in outpatient care settings – Results of an expert consensus and feasibility field test. <i>Journal of the Intensive Care Society</i> , 2021, 22, 159-174.	2.2	50
8	Imperceptible Somatosensory Stimulation Alters Sensorimotor Background Rhythm and Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 5917-5925.	3.6	42
9	Increasing efficiency of preclinical research by group sequential designs. <i>PLoS Biology</i> , 2017, 15, e2001307.	5.6	33
10	Association of obesity, diabetes and hypertension with cognitive impairment in older age. <i>Clinical Epidemiology</i> , 2018, Volume 10, 853-862.	3.0	29
11	High-dose vitamin D supplementation in multiple sclerosis – results from the randomized EVIDIMS (efficacy of vitamin D supplementation in multiple sclerosis) trial. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020, 6, 205521732090347.	1.0	27
12	Natural Killer (NK) Cell Functionality after human Spinal Cord Injury (SCI): protocol of a prospective, longitudinal study. <i>BMC Neurology</i> , 2016, 16, 170.	1.8	23
13	C-reactive protein for risk prediction of postoperative delirium and postoperative neurocognitive disorder. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 1282-1289.	1.6	23
14	Towards Whole-Body Fluorescence Imaging in Humans. <i>PLoS ONE</i> , 2013, 8, e83749.	2.5	20
15	Intraoperative hyperglycemia increases the incidence of postoperative delirium. <i>Minerva Anestesiologica</i> , 2019, 85, 1201-1210.	1.0	20
16	Endothelial and Leukocyte-Derived Microvesicles and Cardiovascular Risk After Stroke. <i>Neurology</i> , 2021, 96, e937-e946.	1.1	19
17	High-Sensitivity Cardiac Troponin T and Cognitive Function in Patients With Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1604-1607.	2.0	18
18	Physostigmine for prevention of postoperative delirium and long-term cognitive dysfunction in liver surgery. <i>European Journal of Anaesthesiology</i> , 2021, 38, 943-956.	1.7	18

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19	Presurgical cognitive impairment is associated with postoperative delirium and postoperative cognitive dysfunction. <i>Minerva Anestesiologica</i> , 2020, 86, 394-403.	1.0	18
20	Serum Anti-NMDA (N-Methyl-D-Aspartate)-Receptor Antibodies and Long-Term Clinical Outcome After Stroke (PROSCIS-B). <i>Stroke</i> , 2019, 50, 3213-3219.	2.0	17
21	Exact replication: Foundation of science or game of chance?. <i>PLoS Biology</i> , 2019, 17, e3000188.	5.6	17
22	Recommendations for empowering early career researchers to improve research culture and practice. <i>PLoS Biology</i> , 2022, 20, e3001680.	5.6	15
23	Evolution of Blood-Brain Barrier Permeability in Subacute Ischemic Stroke and Associations With Serum Biomarkers and Functional Outcome. <i>Frontiers in Neurology</i> , 2021, 12, 730923.	2.4	14
24	Coagulation factor XII, XI, and VIII activity levels and secondary events after first ischemic stroke. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3316-3324.	3.8	12
25	The ratio between cerebral blood flow and Tmax predicts the quality of collaterals in acute ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0190811.	2.5	12
26	Clinical-Radiological Parameters Improve the Prediction of the Thrombolysis Time Window by Both MRI Signal Intensities and DWI-FLAIR Mismatch. <i>Cerebrovascular Diseases</i> , 2016, 42, 57-65.	1.7	11
27	Diagnostic and prognostic benefit of arterial spin labeling in subacute stroke. <i>Brain and Behavior</i> , 2019, 9, e01271.	2.2	11
28	Evidence for a thromboembolic pathogenesis of lung cavitations in severely ill COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 16039.	3.3	11
29	Fingolimod after a first unilateral episode of acute optic neuritis (MOVING) – preliminary results from a randomized, rater-blind, active-controlled, phase 2 trial. <i>BMC Neurology</i> , 2020, 20, 75.	1.8	10
30	High-Sensitivity Cardiac Troponin T and Recurrent Vascular Events After First Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2021, 10, e018326.	3.7	10
31	Perioperatively Acquired Weakness. <i>Anesthesia and Analgesia</i> , 2020, 130, 341-351.	2.2	9
32	Hypoxia and exercise interactions on skeletal muscle insulin sensitivity in obese subjects with metabolic syndrome: results of a randomized controlled trial. <i>International Journal of Obesity</i> , 2020, 44, 1119-1128.	3.4	9
33	Critical care guidelines on pain, agitation and delirium management: Which one to use? A systematic literature search and quality appraisal with AGREE II. <i>Journal of Critical Care</i> , 2020, 59, 124-129.	2.2	9
34	Quantitative motor assessment of muscular weakness in myasthenia gravis: a pilot study. <i>BMC Neurology</i> , 2015, 15, 265.	1.8	8
35	The first night effect in multiple sclerosis patients undergoing home-based polysomnography. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 337-344.	2.7	8
36	Influence of Sedation Level and Ventilation Status on the Diagnostic Validity of Delirium Screening Tools in the ICU – An International, Prospective, Bi-Center Observational Study (IDeAS). <i>Medicina (Lithuania)</i> , 2020, 56, 411.	2.0	6

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37	The Dynamic of Extracellular Vesicles in Patients With Subacute Stroke: Results of the “Biomarkers and Perfusion” Training-Induced Changes After Stroke (BAPTISe) Study. <i>Frontiers in Neurology</i> , 2021, 12, 731013.	2.4	6
38	Diagnostic biomarkers for adult haemophagocytic lymphohistiocytosis in critically ill patients (HEMICU): a prospective observational study protocol. <i>BMJ Open</i> , 2019, 9, e032695.	1.9	5
39	Viscoelastic testing reveals normalization of the coagulation profile 12 weeks after severe COVID-19. <i>Scientific Reports</i> , 2021, 11, 13325.	3.3	5
40	Impact of pre-admission oral anticoagulation on ischaemic stroke volume, lesion pattern, and frequency of intracranial arterial occlusion in patients with atrial fibrillation. <i>Europace</i> , 2018, 20, 1758-1765.	1.7	4
41	Additive Value of Transrectal Systematic Ventral Biopsies in Combination with Magnet Resonance Imaging/Ultrasound Fusion-Guided Biopsy in Patients with 3 or More Negative Prostate Biopsies. <i>Urologia Internationalis</i> , 2020, 104, 205-213.	1.3	4
42	Does stereoscopic imaging improve the memorization of medical imaging by neurosurgeons? Experience of a single institution. <i>Neurosurgical Review</i> , 2022, 45, 1371-1381.	2.4	3
43	A novel voxel based homogeneity index: Rationale and clinical implications for whole-brain radiation therapy. <i>Radiotherapy and Oncology</i> , 2018, 128, 229-235.	0.6	2
44	Is the routine use of antipseudomonal antibiotics in acutely exacerbated COPD patients indicated: A retrospective analysis in 437 ICU patients. <i>Journal of Critical Care</i> , 2021, 65, 49-55.	2.2	2
45	Reply to: Remaining confounding factors to confirm the role of intraoperative hyperglycemia in postoperative delirium. <i>Minerva Anestesiologica</i> , 2020, 86, 680-681.	1.0	0