Sabine Deprez

List of Publications by Year
in descending order

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Version: 2024-02-01

46 papers	2,076 citations	361045 20 h-index	264894 42 g-index
46 all docs	46 docs citations	46 times ranked	2888 citing authors

#	Article	IF	Citations
1	Blood and neuroimaging biomarkers of cognitive sequelae in breast cancer patients throughout chemotherapy: A systematic review. Translational Oncology, 2022, 16, 101297.	1.7	11
2	Neuroinflammation as potential precursor of leukoencephalopathy in early-stage breast cancer patients: A cross-sectional PET-MRI study. Breast, 2022, 62, 61-68.	0.9	5
3	A systematic review on the use of quantitative imaging to detect cancer therapy adverse effects in normal-appearing brain tissue. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 163-186.	1.1	7
4	The Impact of Mindfulness-Based Interventions on Brain Functional Connectivity: a Systematic Review. Mindfulness, 2022, 13, 1857-1875.	1.6	10
5	Cortical thinning and altered functional brain coherence in survivors of childhood sarcoma. Brain Imaging and Behavior, 2021, 15, 677-688.	1.1	5
6	Methylene tetrahydrofolate reductase A1298C polymorphisms influence the adult sequelae of chemotherapy in childhood-leukemia survivors. PLoS ONE, 2021, 16, e0250228.	1.1	2
7	Age- and Intravenous Methotrexate-Associated Leukoencephalopathy and Its Neurological Impact in Pediatric Patients with Lymphoblastic Leukemia. Cancers, 2021, 13, 1939.	1.7	8
8	Phase 3 Randomized Trial of Prophylactic Cranial Irradiation With or Without Hippocampus Avoidance in SCLC (NCT01780675). Journal of Thoracic Oncology, 2021, 16, 840-849.	0.5	78
9	Why Did the Randomized Trial of Prophylactic Cranial Irradiation With or Without Hippocampus Avoidance in SCLC Not Reveal a Difference?. Journal of Thoracic Oncology, 2021, 16, e42-e45.	0.5	2
10	Brain Imaging in Pediatric Cancer Survivors: Correlates of Cognitive Impairment. Journal of Clinical Oncology, 2021, 39, 1775-1785.	0.8	16
11	Brain network hubs and cognitive performance of survivors of childhood infratentorial tumors. Radiotherapy and Oncology, 2021, 161, 118-125.	0.3	5
12	Neuroinflammation and Its Association with Cognition, Neuronal Markers and Peripheral Inflammation after Chemotherapy for Breast Cancer. Cancers, 2021, 13, 4198.	1.7	27
13	Reaction on the Interpretation of the Hippocampus Avoidance Prophylactic Cranial Irradiation Trial in SCLC (NCT01780675). Journal of Thoracic Oncology, 2021, 16, e63-e65.	0.5	1
14	Prevalence of leukoencephalopathy and its potential cognitive sequelae in cancer patients. Journal of Chemotherapy, 2020, 32, 327-343.	0.7	7
15	Effects of a mindfulnessâ€based intervention on cancerâ€related cognitive impairment: Results of a randomized controlled functional magnetic resonance imaging pilot study. Cancer, 2020, 126, 4246-4255.	2.0	32
16	A mindfulness-based intervention for breast cancer patients with cognitive impairment after chemotherapy: study protocol of a three-group randomized controlled trial. Trials, 2020, 21, 290.	0.7	12
17	Long-term impact of prenatal exposure to chemotherapy on executive functioning: An ERP study. Clinical Neurophysiology, 2019, 130, 1655-1664.	0.7	3
18	Longâ€term leukoencephalopathy and neurocognitive functioning in childhood sarcoma patients treated with highâ€dose intravenous chemotherapy. Pediatric Blood and Cancer, 2019, 66, e27893.	0.8	14

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19	Ageâ€dependent brain volume and neuropsychological changes after chemotherapy in breast cancer patients. Human Brain Mapping, 2019, 40, 4994-5010.	1.9	25
20	Genetic Modulation of Neurocognitive Development in Cancer Patients throughout the Lifespan: a Systematic Review. Neuropsychology Review, 2019, 29, 190-219.	2.5	9
21	Neuro-cognitive (HVLT-R total recall) functioning in localized vs. metastatic small-cell lung cancer with or without hippocampus sparing PCI: Results from a phase III trial. , 2019, , .		1
22	Brain Connectivity and Cognitive Flexibility in Nonirradiated Adult Survivors of Childhood Leukemia. Journal of the National Cancer Institute, 2018, 110, 905-913.	3.0	25
23	Advanced MR diffusion imaging and chemotherapyâ€related changes in cerebral white matter microstructure of survivors of childhood bone and soft tissue sarcoma?. Human Brain Mapping, 2018, 39, 3375-3387.	1.9	23
24	International Cognition and Cancer Task Force Recommendations for Neuroimaging Methods in the Study of Cognitive Impairment in Non-CNS Cancer Patients. Journal of the National Cancer Institute, 2018, 110, 223-231.	3.0	71
25	Recovery from chemotherapy-induced white matter changes in young breast cancer survivors?. Brain Imaging and Behavior, 2018, 12, 64-77.	1.1	52
26	The posterior cerebellum, a new organ at risk?. Clinical and Translational Radiation Oncology, 2018, 8, 22-26.	0.9	23
27	Intellectual development of childhood ALL patients: a multicenter longitudinal study. Psycho-Oncology, 2017, 26, 508-514.	1.0	19
28	Neurocognitive Sequelae in Adult Childhood Leukemia Survivors Related to Levels of Phosphorylated Tau. Journal of the National Cancer Institute, 2017, 109, .	3.0	10
29	In Regard to Redmond etÂal. International Journal of Radiation Oncology Biology Physics, 2017, 99, 238-239.	0.4	2
30	Resting-State Functional Magnetic Resonance Imaging for Language Preoperative Planning. Frontiers in Human Neuroscience, 2016, 10, 11.	1.0	65
31	Chemotherapy-induced neurotoxicity in pediatric solid non-CNS tumor patients: An update on current state of research and recommended future directions. Critical Reviews in Oncology/Hematology, 2016, 103, 37-48.	2.0	30
32	Effects of prenatal exposure to cancer treatment on neurocognitive development, a review. NeuroToxicology, 2016, 54, 11-21.	1.4	6
33	Age-related microstructural differences quantified using myelin water imaging and advanced diffusion MRI. Neurobiology of Aging, 2015, 36, 2107-2121.	1.5	183
34	Longitudinal Assessment of Chemotherapy-Induced Alterations in Brain Activation During Multitasking and Its Relation With Cognitive Complaints. Journal of Clinical Oncology, 2014, 32, 2031-2038.	0.8	66
35	Characterizing the microstructural basis of â€œunidentified bright objectsâ€in neurofibromatosis type 1: A combined in vivo multicomponent T2 relaxation and multi-shell diffusion MRI analysis. NeuroImage: Clinical, 2014, 4, 649-658.	1.4	92
36	Altered functional connectivity of the language network in ASD: Role of classical language areas and cerebellum. NeuroImage: Clinical, 2014, 4, 374-382.	1.4	139

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37	Monitoring and optimising cognitive function in cancer patients: Present knowledge and future directions. European Journal of Cancer, Supplement, 2014, 12, 29-40.	2.2	82
38	Integrating imaging findings in evaluating the post-chemotherapy brain. Brain Imaging and Behavior, 2013, 7, 436-452.	1.1	55
39	Diffusion tensor MRI of chemotherapy-induced cognitive impairment in non-CNS cancer patients: a review. Brain Imaging and Behavior, 2013, 7, 409-435.	1.1	93
40	The functional neuroanatomy of multitasking: Combining dual tasking with a short term memory task. Neuropsychologia, 2013, 51, 2251-2260.	0.7	42
41	Neuroimaging biomarkers and cognitive function in non-CNS cancer and its treatment: Current status and recommendations for future research. Brain Imaging and Behavior, 2013, 7, 363-373.	1.1	47
42	Accelerated Aging, Decreased White Matter Integrity, and Associated Neuropsychological Dysfunction 25 Years After Pediatric Lymphoid Malignancies. Journal of Clinical Oncology, 2013, 31, 3378-3388.	0.8	105
43	Longitudinal Assessment of Chemotherapy-Induced Structural Changes in Cerebral White Matter and Its Correlation With Impaired Cognitive Functioning. Journal of Clinical Oncology, 2012, 30, 274-281.	0.8	334
44	Chemotherapyâ€induced structural changes in cerebral white matter and its correlation with impaired cognitive functioning in breast cancer patients. Human Brain Mapping, 2011, 32, 480-493.	1.9	228
45	The Clinical Applicability of fMRI and DTI in Patients with Brain Tumors. , 2011, , 49-71.		0
46	Hippocampal avoidance prophylactic cranial irradiation (HA-PCI) for small cell lung cancer reduces hippocampal atrophy compared to conventional PCI. Neuro-Oncology, 0, , .	0.6	4