

Sabine Deprez

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,076
citations

361413

20
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

2888
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal Assessment of Chemotherapy-Induced Structural Changes in Cerebral White Matter and Its Correlation With Impaired Cognitive Functioning. <i>Journal of Clinical Oncology</i> , 2012, 30, 274-281.	1.6	334
2	Chemotherapy-induced structural changes in cerebral white matter and its correlation with impaired cognitive functioning in breast cancer patients. <i>Human Brain Mapping</i> , 2011, 32, 480-493.	3.6	228
3	Age-related microstructural differences quantified using myelin water imaging and advanced diffusion MRI. <i>Neurobiology of Aging</i> , 2015, 36, 2107-2121.	3.1	183
4	Altered functional connectivity of the language network in ASD: Role of classical language areas and cerebellum. <i>NeuroImage: Clinical</i> , 2014, 4, 374-382.	2.7	139
5	Accelerated Aging, Decreased White Matter Integrity, and Associated Neuropsychological Dysfunction 25 Years After Pediatric Lymphoid Malignancies. <i>Journal of Clinical Oncology</i> , 2013, 31, 3378-3388.	1.6	105
6	Diffusion tensor MRI of chemotherapy-induced cognitive impairment in non-CNS cancer patients: a review. <i>Brain Imaging and Behavior</i> , 2013, 7, 409-435.	2.1	93
7	Characterizing the microstructural basis of "unidentified bright objects" in neurofibromatosis type 1: A combined in vivo multicomponent T2 relaxation and multi-shell diffusion MRI analysis. <i>NeuroImage: Clinical</i> , 2014, 4, 649-658.	2.7	92
8	Monitoring and optimising cognitive function in cancer patients: Present knowledge and future directions. <i>European Journal of Cancer, Supplement</i> , 2014, 12, 29-40.	2.2	82
9	Phase 3 Randomized Trial of Prophylactic Cranial Irradiation With or Without Hippocampus Avoidance in SCLC (NCT01780675). <i>Journal of Thoracic Oncology</i> , 2021, 16, 840-849.	1.1	78
10	International Cognition and Cancer Task Force Recommendations for Neuroimaging Methods in the Study of Cognitive Impairment in Non-CNS Cancer Patients. <i>Journal of the National Cancer Institute</i> , 2018, 110, 223-231.	6.3	71
11	Longitudinal Assessment of Chemotherapy-Induced Alterations in Brain Activation During Multitasking and Its Relation With Cognitive Complaints. <i>Journal of Clinical Oncology</i> , 2014, 32, 2031-2038.	1.6	66
12	Resting-State Functional Magnetic Resonance Imaging for Language Preoperative Planning. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 11.	2.0	65
13	Integrating imaging findings in evaluating the post-chemotherapy brain. <i>Brain Imaging and Behavior</i> , 2013, 7, 436-452.	2.1	55
14	Recovery from chemotherapy-induced white matter changes in young breast cancer survivors?. <i>Brain Imaging and Behavior</i> , 2018, 12, 64-77.	2.1	52
15	Neuroimaging biomarkers and cognitive function in non-CNS cancer and its treatment: Current status and recommendations for future research. <i>Brain Imaging and Behavior</i> , 2013, 7, 363-373.	2.1	47
16	The functional neuroanatomy of multitasking: Combining dual tasking with a short term memory task. <i>Neuropsychologia</i> , 2013, 51, 2251-2260.	1.6	42
17	Effects of a mindfulness-based intervention on cancer-related cognitive impairment: Results of a randomized controlled functional magnetic resonance imaging pilot study. <i>Cancer</i> , 2020, 126, 4246-4255.	4.1	32
18	Chemotherapy-induced neurotoxicity in pediatric solid non-CNS tumor patients: An update on current state of research and recommended future directions. <i>Critical Reviews in Oncology/Hematology</i> , 2016, 103, 37-48.	4.4	30

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19	Neuroinflammation and Its Association with Cognition, Neuronal Markers and Peripheral Inflammation after Chemotherapy for Breast Cancer. <i>Cancers</i> , 2021, 13, 4198.	3.7	27
20	Brain Connectivity and Cognitive Flexibility in Nonirradiated Adult Survivors of Childhood Leukemia. <i>Journal of the National Cancer Institute</i> , 2018, 110, 905-913.	6.3	25
21	Age-dependent brain volume and neuropsychological changes after chemotherapy in breast cancer patients. <i>Human Brain Mapping</i> , 2019, 40, 4994-5010.	3.6	25
22	Advanced MR diffusion imaging and chemotherapy-related changes in cerebral white matter microstructure of survivors of childhood bone and soft tissue sarcoma?. <i>Human Brain Mapping</i> , 2018, 39, 3375-3387.	3.6	23
23	The posterior cerebellum, a new organ at risk?. <i>Clinical and Translational Radiation Oncology</i> , 2018, 8, 22-26.	1.7	23
24	Intellectual development of childhood ALL patients: a multicenter longitudinal study. <i>Psycho-Oncology</i> , 2017, 26, 508-514.	2.3	19
25	Brain Imaging in Pediatric Cancer Survivors: Correlates of Cognitive Impairment. <i>Journal of Clinical Oncology</i> , 2021, 39, 1775-1785.	1.6	16
26	Long-term leukoencephalopathy and neurocognitive functioning in childhood sarcoma patients treated with high-dose intravenous chemotherapy. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27893.	1.5	14
27	A mindfulness-based intervention for breast cancer patients with cognitive impairment after chemotherapy: study protocol of a three-group randomized controlled trial. <i>Trials</i> , 2020, 21, 290.	1.6	12
28	Blood and neuroimaging biomarkers of cognitive sequelae in breast cancer patients throughout chemotherapy: A systematic review. <i>Translational Oncology</i> , 2022, 16, 101297.	3.7	11
29	Neurocognitive Sequelae in Adult Childhood Leukemia Survivors Related to Levels of Phosphorylated Tau. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	6.3	10
30	The Impact of Mindfulness-Based Interventions on Brain Functional Connectivity: a Systematic Review. <i>Mindfulness</i> , 2022, 13, 1857-1875.	2.8	10
31	Genetic Modulation of Neurocognitive Development in Cancer Patients throughout the Lifespan: a Systematic Review. <i>Neuropsychology Review</i> , 2019, 29, 190-219.	4.9	9
32	Age- and Intravenous Methotrexate-Associated Leukoencephalopathy and Its Neurological Impact in Pediatric Patients with Lymphoblastic Leukemia. <i>Cancers</i> , 2021, 13, 1939.	3.7	8
33	Prevalence of leukoencephalopathy and its potential cognitive sequelae in cancer patients. <i>Journal of Chemotherapy</i> , 2020, 32, 327-343.	1.5	7
34	A systematic review on the use of quantitative imaging to detect cancer therapy adverse effects in normal-appearing brain tissue. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 163-186.	2.0	7
35	Effects of prenatal exposure to cancer treatment on neurocognitive development, a review. <i>NeuroToxicology</i> , 2016, 54, 11-21.	3.0	6
36	Cortical thinning and altered functional brain coherence in survivors of childhood sarcoma. <i>Brain Imaging and Behavior</i> , 2021, 15, 677-688.	2.1	5

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37	Brain network hubs and cognitive performance of survivors of childhood infratentorial tumors. <i>Radiotherapy and Oncology</i> , 2021, 161, 118-125.	0.6	5
38	Neuroinflammation as potential precursor of leukoencephalopathy in early-stage breast cancer patients: A cross-sectional PET-MRI study. <i>Breast</i> , 2022, 62, 61-68.	2.2	5
39	Hippocampal avoidance prophylactic cranial irradiation (HA-PCI) for small cell lung cancer reduces hippocampal atrophy compared to conventional PCI. <i>Neuro-Oncology</i> , 0, , .	1.2	4
40	Long-term impact of prenatal exposure to chemotherapy on executive functioning: An ERP study. <i>Clinical Neurophysiology</i> , 2019, 130, 1655-1664.	1.5	3
41	In Regard to Redmond etÂal. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 238-239.	0.8	2
42	Methylene tetrahydrofolate reductase A1298C polymorphisms influence the adult sequelae of chemotherapy in childhood-leukemia survivors. <i>PLoS ONE</i> , 2021, 16, e0250228.	2.5	2
43	Why Did the Randomized Trial of Prophylactic Cranial Irradiation With or Without Hippocampus Avoidance in SCLC Not Reveal a Difference?. <i>Journal of Thoracic Oncology</i> , 2021, 16, e42-e45.	1.1	2
44	Reaction on the Interpretation of the Hippocampus Avoidance Prophylactic Cranial Irradiation Trial in SCLC (NCT01780675). <i>Journal of Thoracic Oncology</i> , 2021, 16, e63-e65.	1.1	1
45	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
46	The Clinical Applicability of fMRI and DTI in Patients with Brain Tumors. , 2011, , 49-71.		0