

Kim M Cecil

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,112
citations

61977
43
h-index

79691
73
g-index

135
all docs

135
docs citations

135
times ranked

5862
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic resonance spectroscopy brain metabolites at term and 3-year neurodevelopmental outcomes in very preterm infants. <i>Pediatric Research</i> , 2022, 92, 299-306.	2.3	3
2	Acute neurofunctional effects of escitalopram during emotional processing in pediatric anxiety: a double-blind, placebo-controlled trial. <i>Neuropsychopharmacology</i> , 2022, 47, 1081-1087.	5.4	6
3	Maternal urinary OPE metabolite concentrations and blood pressure during pregnancy: The HOME study. <i>Environmental Research</i> , 2022, 207, 112220.	7.5	6
4	Associations of pregnancy phthalate concentrations and their mixture with early adolescent bone mineral content and density: The Health Outcomes and Measures of the Environment (HOME) study. <i>Bone</i> , 2022, 154, 116251.	2.9	7
5	Frequency and Intensity of Premonitory Urges in Tourette Syndrome Is Associated With Supplementary Motor Area GABA+ Levels. <i>Movement Disorders</i> , 2022, 37, 563-573.	3.9	13
6	Gestational exposure to polybrominated diphenyl ethers and social skills and problem behaviors in adolescents: The HOME study. <i>Environment International</i> , 2022, 159, 107036.	10.0	8
7	Case report: Clinical and magnetic resonance spectroscopy presentation of a female severely affected with X-linked creatine transporter deficiency. <i>Radiology Case Reports</i> , 2022, 17, 1115-1119.	0.6	3
8	Pediatric Exposures to Neurotoxicants: A Review of Magnetic Resonance Imaging and Spectroscopy Findings. <i>Diagnostics</i> , 2022, 12, 641.	2.6	3
9	Gestational Perfluoroalkyl Substance Exposure and DNA Methylation at Birth and 12 Years of Age: A Longitudinal Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2022, 130, 37005.	6.0	24
10	Associations of mid-childhood bisphenol A and bisphenol S exposure with mid-childhood and adolescent obesity. <i>Environmental Epidemiology</i> , 2022, 6, e187.	3.0	13
11	Gestational and childhood phthalate exposures and adolescent body composition: The HOME study. <i>Environmental Research</i> , 2022, 212, 113320.	7.5	2
12	0189 High Levels of Sleep Disturbance across Early Childhood Increases Cardiometabolic Disease Risk Index in Early Adolescence: Longitudinal Sleep Analysis Using the HOME Study. <i>Sleep</i> , 2022, 45, A87-A87.	1.1	0
13	Oxidative phosphorylation in creatine transporter deficiency. <i>NMR in Biomedicine</i> , 2021, 34, e4419.	2.8	4
14	Bridging Anxiety and Depression: A Network Approach in Anxious Adolescents. <i>Journal of Affective Disorders</i> , 2021, 280, 305-314.	4.1	21
15	Gestational perfluoroalkyl substance exposure and body mass index trajectories over the first 12 years of life. <i>International Journal of Obesity</i> , 2021, 45, 25-35.	3.4	36
16	Gestational and childhood exposure to per- and polyfluoroalkyl substances and cardiometabolic risk at age 12 years. <i>Environment International</i> , 2021, 147, 106344.	10.0	29
17	Residential surrounding greenness and self-reported symptoms of anxiety and depression in adolescents. <i>Environmental Research</i> , 2021, 194, 110628.	7.5	37
18	Maternal Urinary Organophosphate Esters and Alterations in Maternal and Neonatal Thyroid Hormones. <i>American Journal of Epidemiology</i> , 2021, 190, 1793-1802.	3.4	25

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19	N-acetylcysteine for depression and glutamate changes in the left prefrontal cortex in adolescents and young adults at risk for bipolar disorder: A pilot study. Microbial Biotechnology, 2021, , .	1.7	3
20	Developmental lead exposure and adult criminal behavior: A 30-year prospective birth cohort study. Neurotoxicology and Teratology, 2021, 85, 106960.	2.4	13
21	Greater reading gain following intervention is associated with low magnetic resonance spectroscopy derived concentrations in the anterior cingulate cortex in children with dyslexia. Brain Research, 2021, 1759, 147386.	2.2	7
22	Neonatal and Adolescent Adipocytokines as Predictors of Adiposity and Cardiometabolic Risk in Adolescence. Obesity, 2021, 29, 1036-1045.	3.0	2
23	Multi-site, multi-platform comparison of MRI T1 measurement using the system phantom. PLoS ONE, 2021, 16, e0252966.	2.5	20
24	Maternal urinary organophosphate ester concentrations and blood pressure during pregnancy: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
25	Physical activity modifies the association between prenatal perfluorooctanoic acid exposure and adolescent cardiometabolic risk. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
26	Comparing adolescent self staging of pubertal development with hormone biomarkers. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 1531-1541.	0.9	10
27	Identifying periods of susceptibility to perfluoroalkyl substances and bone mineral density in early adolescence: the HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
28	Gestational organophosphate ester exposures and bone mineral density in early adolescence: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
29	Variability of urinary organophosphate esters (OPEs) during childhood: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
30	Gestational and early childhood phthalate exposures and adolescent body composition: The HOME Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
31	Associations of Maternal Serum Perfluoroalkyl Substances Concentrations with Early Adolescent Bone Mineral Content and Density: The Health Outcomes and Measures of the Environment (HOME) Study. Environmental Health Perspectives, 2021, 129, 97011.	6.0	21
32	Criminal arrests associated with reduced regional brain volumes in an adult population with documented childhood lead exposure. Environmental Research, 2021, 201, 111559.	7.5	5
33	Acute Neurofunctional Effects of Escitalopram in Pediatric Anxiety: A Double-Blind, Placebo-Controlled Trial. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1309-1318.	0.5	14
34	Frequency drift in MR spectroscopy at 3T. NeuroImage, 2021, 241, 118430.	4.2	28
35	Prenatal exposure to a mixture of organophosphate esters and intelligence among 8-year-old children of the HOME Study. NeuroToxicology, 2021, 87, 149-155.	3.0	12
36	Pediatric magnetic resonance spectroscopy. Advances in Magnetic Resonance Technology and Applications, 2021, 2, 177-201.	0.1	0

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37	A comparison of blood and toenails as biomarkers of children's exposure to lead and their correlation with cognitive function. <i>Science of the Total Environment</i> , 2020, 700, 134519.	8.0	15
38	Concentrations and loadings of organophosphate and replacement brominated flame retardants in house dust from the home study during the PBDE phase-out. <i>Chemosphere</i> , 2020, 239, 124701.	8.2	46
39	Manganese Exposure and Neurologic Outcomes in Adult Populations. <i>Neurologic Clinics</i> , 2020, 38, 913-936.	1.8	17
40	Flame Retardants and Neurodevelopment: an Updated Review of Epidemiological Literature. <i>Current Epidemiology Reports</i> , 2020, 7, 220-236.	2.4	24
41	Exposure to Per- and Polyfluoroalkyl Substances and Adiposity at Age 12 Years: Evaluating Periods of Susceptibility. <i>Environmental Science & Technology</i> , 2020, 54, 16039-16049.	10.0	33
42	Greater Dynamic and Lower Static Functional Brain Connectivity Prospectively Predict Placebo Response in Pediatric Generalized Anxiety Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2020, 30, 606-616.	1.3	3
43	Adolescent follow-up in the Health Outcomes and Measures of the Environment (HOME) Study: cohort profile. <i>BMJ Open</i> , 2020, 10, e034838.	1.9	37
44	Organophosphate esters in a cohort of pregnant women: Variability and predictors of exposure. <i>Environmental Research</i> , 2020, 184, 109255.	7.5	42
45	Comparison of Multivendor Single-Voxel MR Spectroscopy Data Acquired in Healthy Brain at 26 Sites. <i>Radiology</i> , 2020, 295, 171-180.	7.3	31
46	Reduced gray matter volume and cortical thickness associated with traffic-related air pollution in a longitudinally studied pediatric cohort. <i>PLoS ONE</i> , 2020, 15, e0228092.	2.5	40
47	Advances in Pediatric Neuroimaging. MR Spectroscopy. <i>Seminars in Pediatric Neurology</i> , 2020, 33, 100798.	2.0	1
48	Escitalopram in Adolescents With Generalized Anxiety Disorder. <i>Journal of Clinical Psychiatry</i> , 2020, 81, .	2.2	48
49	Myo-inositol mediates the effects of traffic-related air pollution on generalized anxiety symptoms at age 12 years. <i>Environmental Research</i> , 2019, 175, 71-78.	7.5	32
50	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548.	4.2	76
51	lifetime exposure to traffic-related air pollution and symptoms of depression and anxiety at age 12 years. <i>Environmental Research</i> , 2019, 173, 199-206.	7.5	58
52	Reduced regional volumes associated with total psychopathy scores in an adult population with childhood lead exposure. <i>NeuroToxicology</i> , 2018, 67, 1-26.	3.0	20
53	Clinically Actionable Hypercholesterolemia and Hypertriglyceridemia in Children with Nonalcoholic Fatty Liver Disease. <i>Journal of Pediatrics</i> , 2018, 198, 76-83.e2.	1.8	24
54	Frequency and phase correction for multiplexed edited MRS of GABA and glutathione. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 21-28.	3.0	29

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55	Predicting changes in adaptive functioning and behavioral adjustment following treatment for a pediatric brain tumor: A report from the Brain Radiation Investigative Study Consortium. <i>Psycho-Oncology</i> , 2018, 27, 178-186.	2.3	15
56	In Children With Nonalcoholic Fatty Liver Disease, Zone 1 Steatosis Is Associated With Advanced Fibrosis. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 438-446.e1.	4.4	56
57	Quantitative magnetic resonance imaging phantoms: A review and the need for a system phantom. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 48-61.	3.0	116
58	Children With Dyslexia and Typical Readers: Sex-Based Choline Differences Revealed Using Proton Magnetic Resonance Spectroscopy Acquired Within Anterior Cingulate Cortex. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 466.	2.0	12
59	Dose- and volume metrics and their relation to memory performance in pediatric brain tumor patients: A preliminary study. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27245.	1.5	10
60	Growing Up in Cincinnati: The Neuroimaging Effects of Ubiquitous Environmental Exposures. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
61	Working memory and attention in pediatric brain tumor patients treated with and without radiation therapy. <i>Child Neuropsychology</i> , 2017, 23, 642-654.	1.3	18
62	Low and High Birth Weights Are Risk Factors for Nonalcoholic Fatty Liver Disease in Children. <i>Journal of Pediatrics</i> , 2017, 187, 141-146.e1.	1.8	91
63	Long-term effects of radiation therapy on white matter of the corpus callosum: a diffusion tensor imaging study in children. <i>Pediatric Radiology</i> , 2017, 47, 1809-1816.	2.0	23
64	Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45.	4.2	143
65	Dysembryoplastic neuroepithelial tumor (DNET) and focal cortical dysplasia: Case report of two pediatric patients with imaging features. <i>International Journal of Diagnostic Imaging</i> , 2017, 4, 31.	0.1	1
66	Lead Exposure during Early Human Development and DNA Methylation of Imprinted Gene Regulatory Elements in Adulthood. <i>Environmental Health Perspectives</i> , 2016, 124, 666-673.	6.0	61
67	Increased parenchymal damage and steatohepatitis in Caucasian non-alcoholic fatty liver disease patients with common IL1B and IL6 polymorphisms. <i>Alimentary Pharmacology and Therapeutics</i> , 2016, 44, 1253-1264.	3.7	23
68	In Children With Nonalcoholic Fatty Liver Disease, Cysteamine Bitartrate Delayed Release Improves Liver Enzymes but Does Not Reduce Disease Activity Scores. <i>Gastroenterology</i> , 2016, 151, 1141-1154.e9.	1.3	100
69	Diagnostic methods and recommendations for the cerebral creatine deficiency syndromes. <i>Pediatric Research</i> , 2015, 77, 398-405.	2.3	167
70	Predictors of adaptive functioning and psychosocial adjustment in children with pediatric brain tumor: A report from the brain radiation investigative study consortium. <i>Pediatric Blood and Cancer</i> , 2015, 62, 509-516.	1.5	25
71	Sex- and tissue-specific methylome changes in brains of mice perinatally exposed to lead. <i>NeuroToxicology</i> , 2015, 46, 92-100.	3.0	52
72	Neurotoxicant effects on white matter. <i>Journal of Pediatric Neuroradiology</i> , 2015, 02, 073-086.	0.1	0

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73	Acquired white matter injury: Infection and inflammatory processes. Journal of Pediatric Neuroradiology, 2015, 02, 097-108.	0.1	0
74	Advanced magnetic resonance techniques for evaluating white matter. Journal of Pediatric Neuroradiology, 2015, 02, 003-015.	0.1	0
75	Primary leukodystrophies. Journal of Pediatric Neuroradiology, 2015, 02, 033-045.	0.1	0
76	Brain ketones detected by proton magnetic resonance spectroscopy in an infant with Ohtahara syndrome treated with ketogenic diet. Pediatric Radiology, 2015, 45, 133-137.	2.0	13
77	Prenatal and early postnatal lead exposure in mice: neuroimaging findings. Quantitative Imaging in Medicine and Surgery, 2015, 5, 511-8.	2.0	1
78	Use of MRS in Inborn Errors of Metabolism. , 2014, , 196-221.		0
79	Proton Magnetic Resonance Spectroscopy. Neuroimaging Clinics of North America, 2013, 23, 381-392.	1.0	60
80	¹ H NMR analysis of choline metabolites in fine-needle-aspirate biopsies of breast cancer. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2013, 26, 337-343.	2.0	8
81	Leukodystrophies. , 2013, , 105-122.		1
82	Infection and Encephalitis. , 2013, , 155-166.		0
83	Pediatric Sports-Related Concussion Produces Cerebral Blood Flow Alterations. Pediatrics, 2012, 129, 28-37.	2.1	305
84	Long term antipsychotic treatment does not alter metabolite concentrations in rat striatum: An in vivo magnetic resonance spectroscopy study. Schizophrenia Research, 2011, 128, 83-90.	2.0	13
85	Effects of early low-level lead exposure on human brain structure, organization and functions. Journal of Developmental Origins of Health and Disease, 2011, 2, 17-24.	1.4	11
86	Proton Magnetic Resonance Spectroscopy in Adults with Childhood Lead Exposure. Environmental Health Perspectives, 2011, 119, 403-408.	6.0	59
87	Neurological Aspects of Dietary Lead. , 2011, , 2755-2774.		1
88	The influence of age of lead exposure on adult gray matter volume. NeuroToxicology, 2010, 31, 259-266.	3.0	72
89	Correlation of diffusion tensor imaging with executive function measures after early childhood traumatic brain injury. Journal of Pediatric Rehabilitation Medicine, 2009, 2, 273-283.	0.5	32
90	Megalencephalic Leukoencephalopathy with Subcortical Cysts: A Third Confirmed Case with Literature Review. Pediatric and Developmental Pathology, 2009, 12, 180-186.	1.0	15

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91	Altered myelination and axonal integrity in adults with childhood lead exposure: A diffusion tensor imaging study. <i>NeuroToxicology</i> , 2009, 30, 867-875.	3.0	104
92	Correlation of Diffusion Tensor Imaging with Neuropsychological Testing in Early Pediatric Traumatic Brain Injury. <i>PM and R</i> , 2009, 1, S100-S101.	1.6	0
93	Late Proton Magnetic Resonance Spectroscopy following Traumatic Brain Injury during Early Childhood: Relationship with Neurobehavioral Outcomes. <i>Journal of Neurotrauma</i> , 2008, 25, 94-103.	3.4	41
94	Neurochemical Alterations in Adolescent Bipolar Depression: A Proton Magnetic Resonance Spectroscopy Pilot Study of the Prefrontal Cortex. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2008, 18, 623-627.	1.3	78
95	Temporal Change in N-Acetyl-Aspartate Concentrations in Adolescents with Bipolar Depression Treated with Lithium. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2008, 18, 132-139.	1.3	70
96	Decreased Brain Volume in Adults with Childhood Lead Exposure. <i>PLoS Medicine</i> , 2008, 5, e112.	8.4	349
97	Diffusion Tensor MR Imaging Reveals Persistent White Matter Alteration after Traumatic Brain Injury Experienced during Early Childhood. <i>American Journal of Neuroradiology</i> , 2007, 28, 1919-1925.	2.4	91
98	MR Spectroscopy of Metabolic Disorders. <i>Neuroimaging Clinics of North America</i> , 2006, 16, 87-116.	1.0	50
99	Lithium Treatment Effects on Myo-Inositol in Adolescents with Bipolar Depression. <i>Biological Psychiatry</i> , 2006, 60, 998-1004.	1.3	51
100	Magnetic Resonance Spectroscopy and Metabolic Imaging in White Matter Diseases and Pediatric Disorders. <i>Topics in Magnetic Resonance Imaging</i> , 2006, 17, 275-293.	1.2	29
101	Neurochemical Effects of Olanzapine in First-Hospitalization Manic Adolescents: A Proton Magnetic Resonance Spectroscopy Study. <i>Neuropsychopharmacology</i> , 2006, 31, 1264-1273.	5.4	119
102	The Impact of Early Childhood Lead Exposure on Brain Organization: A Functional Magnetic Resonance Imaging Study of Language Function. <i>Pediatrics</i> , 2006, 118, 971-977.	2.1	107
103	Incidence of Brain Creatine Transporter Deficiency in Males with Developmental Delay Referred for Brain Magnetic Resonance Imaging. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2005, 26, 276-282.	1.1	63
104	Elevated lactate as an early marker of brain injury in inflicted traumatic brain injury. <i>Pediatric Radiology</i> , 2005, 35, 668-676.	2.0	64
105	An improved methodology for modeling neurobehavioral late-effects of radiotherapy in pediatric brain tumors. <i>Pediatric Blood and Cancer</i> , 2005, 44, 487-493.	1.5	14
106	Brain MRI and Proton MRS Findings in Infants and Children with Respiratory Chain Defects. <i>Neuropediatrics</i> , 2005, 36, 290-301.	0.6	76
107	Presence of normal creatine in the muscle of a patient with a mutation in the creatine transporter: A case study. <i>Molecular and Cellular Biochemistry</i> , 2004, 262, 35-39.	3.1	34
108	MR imaging and spectroscopy in juvenile Huntington disease. <i>Pediatric Radiology</i> , 2004, 34, 640-3.	2.0	21

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109	The clinical syndrome of creatine transporter deficiency. Molecular and Cellular Biochemistry, 2003, 244, 45-48.	3.1	83
110	Proton Magnetic Resonance Spectroscopy of the Frontal Lobe and Cerebellar Vermis in Children with a Mood Disorder and a Familial Risk for Bipolar Disorders. Journal of Child and Adolescent Psychopharmacology, 2003, 13, 545-555.	1.3	155
111	Magnetic Resonance Spectroscopy in a 9-Day-Old Heterozygous Female Child with Creatine Transporter Deficiency. Journal of Computer Assisted Tomography, 2003, 27, 44-47.	0.9	33
112	The clinical syndrome of creatine transporter deficiency. , 2003, , 45-48.		24
113	The clinical syndrome of creatine transporter deficiency. Molecular and Cellular Biochemistry, 2003, 244, 45-8.	3.1	34
114	Congenital Creatine Transporter Deficiency. Neuropediatrics, 2002, 33, 232-238.	0.6	101
115	Methylsulfonylmethane Observed by In Vivo Proton Magnetic Resonance Spectroscopy in a 5-Year-Old Child with Developmental Disorder: Effects of Dietary Supplementation. Journal of Computer Assisted Tomography, 2002, 26, 818-820.	0.9	13
116	Reversible MR Imaging and MR Spectroscopy Abnormalities in Association with Metronidazole Therapy. Journal of Computer Assisted Tomography, 2002, 26, 948-951.	0.9	41
117	Frontal lobe differences in bipolar disorder as determined by proton MR spectroscopy. Bipolar Disorders, 2002, 4, 357-365.	1.9	189
118	High-Field Proton Magnetic Resonance Spectroscopy of a Swine Model for Axonal Injury. Journal of Neurochemistry, 2002, 70, 2038-2044.	3.9	69
119	X-Linked Creatine-Transporter Gene (SLC6A8) Defect: A New Creatine-Deficiency Syndrome. American Journal of Human Genetics, 2001, 68, 1497-1500.	6.2	354
120	Magnetic Resonance Spectroscopy of the Pediatric Brain. Topics in Magnetic Resonance Imaging, 2001, 12, 435-452.	1.2	94
121	Irreversible brain creatine deficiency with elevated serum and urine creatine: A creatine transporter defect?. Annals of Neurology, 2001, 49, 401-404.	5.3	176
122	The evaluation of human breast lesions with magnetic resonance imaging and proton magnetic resonance spectroscopy. Breast Cancer Research and Treatment, 2001, 68, 45-54.	2.5	153
123	Exposure to Lead Appears to Selectively Alter Metabolism of Cortical Gray Matter. Pediatrics, 2001, 107, 1437-1442.	2.1	63
124	Neuroimaging in bipolar disorder. Bipolar Disorders, 2000, 2, 148-164.	1.9	242
125	CT, MRI and MRS of Epstein-Barr virus infection: case report. Neuroradiology, 2000, 42, 619-622.	2.2	35
126	Proton Magnetic Resonance Spectroscopy in the Frontal and Temporal Lobes of Neuroleptic Naive Patients with Schizophrenia. Neuropsychopharmacology, 1999, 20, 131-140.	5.4	93

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127	Diffuse axonal pathology detected with magnetization transfer imaging following brain injury in the pig. Magnetic Resonance in Medicine, 1999, 41, 727-733.	3.0	54
128	Proton magnetic resonance spectroscopy for detection of axonal injury in the splenium of the corpus callosum of brain-injured patients. Journal of Neurosurgery, 1998, 88, 795-801.	1.6	203
129	Magnetic Resonance Spectroscopy of Diffuse Brain Trauma in the Pig. Journal of Neurotrauma, 1998, 15, 665-674.	3.4	80
130	Structure/Activity Relationships Affecting the Ability of Monoanionic 3-Hydroxypyrid-4-ones to Mobilize Iron. Chemical Research in Toxicology, 1994, 7, 815-822.	3.3	6