

Naiman A Khan

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,794
citations

236612

25
h-index

205818

48
g-index

103
all docs

103
docs citations

103
times ranked

3317
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the FITKids Randomized Controlled Trial on Executive Control and Brain Function. <i>Pediatrics</i> , 2014, 134, e1063-e1071.	1.0	447
2	The Relation of Childhood Physical Activity and Aerobic Fitness to Brain Function and Cognition: A Review. <i>Pediatric Exercise Science</i> , 2014, 26, 138-146.	0.5	242
3	The Relation of Adiposity to Cognitive Control and Scholastic Achievement in Preadolescent Children. <i>Obesity</i> , 2012, 20, 2406-2411.	1.5	171
4	The Negative Association of Childhood Obesity to Cognitive Control of Action Monitoring. <i>Cerebral Cortex</i> , 2014, 24, 654-662.	1.6	110
5	Obesity and the Neurocognitive Basis of Food Reward and the Control of Intake. <i>Advances in Nutrition</i> , 2015, 6, 474-486.	2.9	103
6	Dietary Fiber Is Positively Associated with Cognitive Control among Prepubertal Children ., <i>Journal of Nutrition</i> , 2015, 145, 143-149.	1.3	90
7	Dietary lipids are differentially associated with hippocampal-dependent relational memory in prepubescent children. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1026-1033.	2.2	88
8	The association of childhood obesity to neuroelectric indices of inhibition. <i>Psychophysiology</i> , 2012, 49, 1361-1371.	1.2	85
9	Central Adiposity Is Negatively Associated with Hippocampal-Dependent Relational Memory among Overweight and Obese Children. <i>Journal of Pediatrics</i> , 2015, 166, 302-308.e1.	0.9	72
10	Moderate-to-Vigorous Physical Activity, Indices of Cognitive Control, and Academic Achievement in Preadolescents. <i>Journal of Pediatrics</i> , 2016, 173, 136-142.	0.9	57
11	Associations among diet, the gastrointestinal microbiota, and negative emotional states in adults. <i>Nutritional Neuroscience</i> , 2020, 23, 983-992.	1.5	56
12	The acute effects of high-intensity interval training and moderate-intensity continuous exercise on declarative memory and inhibitory control. <i>Psychology of Sport and Exercise</i> , 2018, 38, 90-99.	1.1	50
13	From neuro-pigments to neural efficiency: The relationship between retinal carotenoids and behavioral and neuroelectric indices of cognitive control in childhood. <i>International Journal of Psychophysiology</i> , 2017, 118, 1-8.	0.5	48
14	The relation of saturated fats and dietary cholesterol to childhood cognitive flexibility. <i>Appetite</i> , 2015, 93, 51-56.	1.8	40
15	IV. THE COGNITIVE IMPLICATIONS OF OBESITY AND NUTRITION IN CHILDHOOD. <i>Monographs of the Society for Research in Child Development</i> , 2014, 79, 51-71.	6.8	37
16	Effects of 12-week avocado consumption on cognitive function among adults with overweight and obesity. <i>International Journal of Psychophysiology</i> , 2020, 148, 13-24.	0.5	36
17	Macular pigment optical density is positively associated with academic performance among preadolescent children. <i>Nutritional Neuroscience</i> , 2018, 21, 632-640.	1.5	33
18	Dietary Habits and Cognitive Impairment Risk Among Oldest-Old Chinese. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 474-483.	2.4	33

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19	Impact of the FITKids Physical Activity Intervention on Adiposity in Prepubertal Children. <i>Pediatrics</i> , 2014, 133, e875-e883.	1.0	32
20	The Macular Carotenoids are Associated with Cognitive Function in Preadolescent Children. <i>Nutrients</i> , 2018, 10, 193.	1.7	32
21	Aerobic Fitness Predicts Relational Memory but Not Item Memory Performance in Healthy Young Adults. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2645-2652.	1.1	31
22	The Relationship of Health Behaviors to Childhood Cognition and Brain Health. <i>Annals of Nutrition and Metabolism</i> , 2015, 66, 1-4.	1.0	30
23	The Associations between Adiposity, Cognitive Function, and Achievement in Children. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1868-1874.	0.2	29
24	Avocado Consumption Alters Gastrointestinal Bacteria Abundance and Microbial Metabolite Concentrations among Adults with Overweight or Obesity: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021, 151, 753-762.	1.3	28
25	Obesity, Visceral Adipose Tissue, and Cognitive Function in Childhood. <i>Journal of Pediatrics</i> , 2017, 187, 134-140.e3.	0.9	27
26	A Large-Scale Reanalysis of Childhood Fitness and Inhibitory Control. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2018, 2, 170-192.	0.8	27
27	V. THE DIFFERENTIAL ASSOCIATION OF ADIPOSITY AND FITNESS WITH COGNITIVE CONTROL IN PREADOLESCENT CHILDREN. <i>Monographs of the Society for Research in Child Development</i> , 2014, 79, 72-92.	6.8	26
28	Effects of the FITKids physical activity randomized controlled trial on conflict monitoring in youth. <i>Psychophysiology</i> , 2018, 55, e13017.	1.2	26
29	Fecal Bacteria as Biomarkers for Predicting Food Intake in Healthy Adults. <i>Journal of Nutrition</i> , 2021, 151, 423-433.	1.3	26
30	Cognitive control in preadolescent children with risk factors for metabolic syndrome.. <i>Health Psychology</i> , 2015, 34, 243-252.	1.3	22
31	Moving fast, thinking fast: The relations of physical activity levels and bouts to neuroelectric indices of inhibitory control in preadolescents. <i>Journal of Sport and Health Science</i> , 2019, 8, 301-314.	3.3	22
32	Alcohol sensitivity in women after undergoing bariatric surgery: a cross-sectional study. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 536-544.	1.0	22
33	Individual and Co-occurring SNAP Risk Factors. <i>International Journal of MS Care</i> , 2016, 18, 298-304.	0.4	22
34	Childhood Markers of Health Behavior Relate to Hippocampal Health, Memory, and Academic Performance. <i>Mind, Brain, and Education</i> , 2016, 10, 162-170.	0.9	21
35	The Role of Retinal Carotenoids and Age on Neuroelectric Indices of Attentional Control among Early to Middle-Aged Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 183.	1.7	21
36	Macular Carotenoids, Aerobic Fitness, and Central Adiposity Are Associated Differentially with Hippocampal-Dependent Relational Memory in Preadolescent Children. <i>Journal of Pediatrics</i> , 2017, 183, 108-114.e1.	0.9	20

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37	Nutrigenetic Contributions to Dyslipidemia: A Focus on Physiologically Relevant Pathways of Lipid and Lipoprotein Metabolism. <i>Nutrients</i> , 2018, 10, 1404.	1.7	20
38	Serum Lutein is related to Relational Memory Performance. <i>Nutrients</i> , 2019, 11, 768.	1.7	20
39	Reliability of Heterochromatic Flicker Photometry in Measuring Macular Pigment Optical Density among Preadolescent Children. <i>Foods</i> , 2015, 4, 594-604.	1.9	19
40	Effects of endurance exercise training on inflammatory circulating progenitor cell content in lean and obese adults. <i>Journal of Physiology</i> , 2018, 596, 2811-2822.	1.3	19
41	Acute effects of highly intense interval and moderate continuous exercise on the modulation of neural oscillation during working memory. <i>International Journal of Psychophysiology</i> , 2021, 160, 10-17.	0.5	19
42	The differential relationship of an afterschool physical activity intervention on brain function and cognition in children with obesity and their normal weight peers. <i>Pediatric Obesity</i> , 2021, 16, e12708.	1.4	19
43	A 4-d Water Intake Intervention Increases Hydration and Cognitive Flexibility among Preadolescent Children. <i>Journal of Nutrition</i> , 2019, 149, 2255-2264.	1.3	18
44	The Negative Influence of Adiposity Extends to Intraindividual Variability in Cognitive Control Among Preadolescent Children. <i>Obesity</i> , 2018, 26, 405-411.	1.5	17
45	Active Commute in Relation to Cognition and Academic Achievement in Children and Adolescents: A Systematic Review and Future Recommendations. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5103.	1.2	17
46	Dietary Fiber Is Independently Related to Blood Triglycerides Among Adults with Overweight and Obesity. <i>Current Developments in Nutrition</i> , 2019, 3, nzy094.	0.1	17
47	Nutrition Environment Food Pantry Assessment Tool (NEFPAT): Development and Evaluation. <i>Journal of Nutrition Education and Behavior</i> , 2018, 50, 724-728.e1.	0.3	16
48	Disordered Eating Attitudes and Behavioral and Neuroelectric Indices of Cognitive Flexibility in Individuals with Overweight and Obesity. <i>Nutrients</i> , 2018, 10, 1902.	1.7	16
49	Relations between mode of birth delivery and timing of developmental milestones and adiposity in preadolescence: A retrospective study. <i>Early Human Development</i> , 2019, 129, 52-59.	0.8	16
50	Added sugar and dietary fiber consumption are associated with creativity in preadolescent children. <i>Nutritional Neuroscience</i> , 2020, 23, 791-802.	1.5	15
51	Peer education, Exercising, and Eating Right (PEER): Training of Peers in an Undergraduate Faculty Teaching Partnership. <i>Journal of Nutrition Education and Behavior</i> , 2009, 41, 68-70.	0.3	12
52	Relationship Between Physical Activity, Adiposity, and Attentional Inhibition. <i>Journal of Physical Activity and Health</i> , 2018, 15, 191-196.	1.0	12
53	Macular Xanthophylls Are Related to Intellectual Ability among Adults with Overweight and Obesity. <i>Nutrients</i> , 2018, 10, 396.	1.7	12
54	Neurocognition: The Foodâ€œBrain Connection. <i>Advances in Nutrition</i> , 2014, 5, 544-546.	2.9	11

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55	Dietary choline is related to neural efficiency during a selective attention task among middle-aged adults with overweight and obesity. <i>Nutritional Neuroscience</i> , 2021, 24, 269-278.	1.5	11
56	Weight Status and Visceral Adiposity Mediate the Relation between Exclusive Breastfeeding Duration and Skin Carotenoids in Later Childhood. <i>Current Developments in Nutrition</i> , 2021, 5, nzab010.	0.1	10
57	A Systematic Review of Dietary Influences on Fecal Microbiota Composition and Function among Healthy Humans 16–20 Years of Age. <i>Advances in Nutrition</i> , 2021, 12, 1734-1750.	2.9	10
58	Avocado Consumption, Abdominal Adiposity, and Oral Glucose Tolerance Among Persons with Overweight and Obesity. <i>Journal of Nutrition</i> , 2021, 151, 2513-2521.	1.3	10
59	Circulating progenitor cells are positively associated with cognitive function among overweight/obese children. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 47-52.	2.0	9
60	Community partnerships in healthy eating and lifestyle promotion: A network analysis. <i>Preventive Medicine Reports</i> , 2017, 6, 294-301.	0.8	9
61	Visceral Adiposity and Diet Quality Are Differentially Associated With Cognitive Abilities and Early Academic Skills Among Preschool-Age Children. <i>Frontiers in Pediatrics</i> , 2019, 7, 548.	0.9	9
62	Assessing the Network of Agencies in Local Communities that Promote Healthy Eating and Lifestyles among Populations with Limited Resources. <i>American Journal of Health Behavior</i> , 2017, 41, 127-138.	0.6	8
63	School Lunch Timing and Children's Physical Activity During Recess: An Exploratory Study. <i>Journal of Nutrition Education and Behavior</i> , 2019, 51, 616-622.	0.3	8
64	Sedentary time is related to deficits in response inhibition among adults with overweight and obesity: An accelerometry and event-related brain potentials study. <i>Psychophysiology</i> , 2021, 58, e13843.	1.2	8
65	Retinal Morphometric Markers of Crystallized and Fluid Intelligence Among Adults With Overweight and Obesity. <i>Frontiers in Psychology</i> , 2018, 9, 2650.	1.1	7
66	Skeletal Effects of Nine Months of Physical Activity in Obese and Healthy Weight Children. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 434-440.	0.2	7
67	Single Nucleotide Polymorphisms Related to Lipoprotein Metabolism Are Associated with Blood Lipid Changes following Regular Avocado Intake in a Randomized Control Trial among Adults with Overweight and Obesity. <i>Journal of Nutrition</i> , 2020, 150, 1379-1387.	1.3	7
68	Co-occurring Risk Factors in Multiple Sclerosis. <i>American Journal of Health Behavior</i> , 2017, 41, 76-83.	0.6	6
69	Oral Glucose Tolerance is Associated with Neuroelectric Indices of Attention Among Adults with Overweight and Obesity. <i>Obesity</i> , 2018, 26, 1550-1557.	1.5	6
70	Macular Xanthophylls and Event-related Brain Potentials among Overweight Adults and Those with Obesity. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1801059.	1.5	6
71	Differential development of relational memory and pattern separation. <i>Hippocampus</i> , 2020, 30, 210-219.	0.9	6
72	Adiposity is related to neuroelectric indices of motor response preparation in preadolescent children. <i>International Journal of Psychophysiology</i> , 2020, 147, 176-183.	0.5	6

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73	Of Sound Mind and Body: Exploring the Diet-Strength Interaction in Healthy Aging. <i>Frontiers in Nutrition</i> , 2020, 7, 145.	1.6	6
74	Six-Minute Walking Test Performance Relates to Neurocognitive Abilities in Preschoolers. <i>Journal of Clinical Medicine</i> , 2021, 10, 584.	1.0	6
75	Single Nucleotide Polymorphisms in CD36 Are Associated with Macular Pigment among Children. <i>Journal of Nutrition</i> , 2021, 151, 2533-2540.	1.3	6
76	Macular Xanthophylls and Markers of the Anterior Visual Pathway among Persons with Multiple Sclerosis. <i>Journal of Nutrition</i> , 2021, 151, 2680-2688.	1.3	6
77	Systemic inflammation mediates the negative relationship between visceral adiposity and cognitive control. <i>International Journal of Psychophysiology</i> , 2021, 165, 68-75.	0.5	6
78	Consumption of a fermented dairy beverage improves hippocampal-dependent relational memory in a randomized, controlled cross-over trial. <i>Nutritional Neuroscience</i> , 2023, 26, 265-274.	1.5	6
79	Differential Effects of Carbohydrates on Behavioral and Neuroelectric Indices of Selective Attention in Preadolescent Children. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 614.	1.0	5
80	Relational memory is associated with academic achievement in preadolescent children. <i>Trends in Neuroscience and Education</i> , 2018, 13, 8-16.	1.5	5
81	Impact of Beef and Beef Product Intake on Cognition in Children and Young Adults: A Systematic Review. <i>Nutrients</i> , 2019, 11, 1797.	1.7	5
82	Genetic Variants in Lipid Metabolism Pathways Interact with Diet to Influence Blood Lipid Concentrations in Adults with Overweight and Obesity. <i>Lifestyle Genomics</i> , 2020, 13, 155-163.	0.6	5
83	The relationships between prolonged sedentary time, physical activity, cognitive control, and P3 in adults with overweight and obesity. <i>International Journal of Obesity</i> , 2021, 45, 746-757.	1.6	5
84	Cognitive Assessments in Hydration Research Involving Children: Methods and Considerations. <i>Annals of Nutrition and Metabolism</i> , 2019, 74, 19-24.	1.0	4
85	Cathepsin B and Muscular Strength are Independently Associated with Cognitive Control. <i>Brain Plasticity</i> , 2022, 8, 19-33.	1.9	4
86	Muscle strength after resistance training correlates to mediators of muscle mass and mitochondrial respiration in middle-aged adults. <i>Journal of Applied Physiology</i> , 2022, 133, 572-584.	1.2	4
87	Use of Survival Analysis to Predict Attrition Among Women Participating in Longitudinal Community-Based Nutrition Research. <i>Journal of Nutrition Education and Behavior</i> , 2019, 51, 1080-1087.	0.3	3
88	A Carbohydrate Beverage Reduces Monocytes Expressing TLR4 in Children with Overweight or Obesity. <i>Journal of Nutrition</i> , 2020, 150, 616-622.	1.3	3
89	Dietary lutein plus zeaxanthin and choline intake is interactively associated with cognitive flexibility in middle-adulthood in adults with overweight and obesity. <i>Nutritional Neuroscience</i> , 2022, 25, 1437-1452.	1.5	3
90	Gastrointestinal Microbiota and Cognitive Function in Adult Females. <i>FASEB Journal</i> , 2017, 31, .	0.2	3

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91	Whole egg consumption and cognitive function among US older adults. <i>Journal of Human Nutrition and Dietetics</i> , 2022, 35, 554-565.	1.3	3
92	Temporal vision is related to cognitive function in preadolescent children. <i>Applied Neuropsychology: Child</i> , 2021, 10, 319-326.	0.7	2
93	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. <i>Statistics in Biosciences</i> , 0, , 1.	0.6	1
94	Towards a better understanding of the negative relationship between adiposity and cognitive health in prepubertal children. <i>FASEB Journal</i> , 2013, 27, 852.5.	0.2	1
95	Dietary Fiber and the Human Gastrointestinal Microbiota as Predictors of Bone Health. <i>FASEB Journal</i> , 2017, 31, lb322.	0.2	1
96	Aerobic Fitness, B-Vitamins, and Weight Status Are Related to Selective Attention in Children. <i>Nutrients</i> , 2022, 14, 201.	1.7	1
97	Moderate To Vigorous Physical Activity Influences Aerobic Capacity Independent Of Body Composition. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 204.	0.2	0
98	High-Fit Children Exhibit Greater Resilience to the Transient Effects of Sucralose on Cognitive Control. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1050.	0.2	0
99	Central adiposity predicts hippocampalâ€dependent relational memory in prepubertal children. <i>FASEB Journal</i> , 2013, 27, 360.4.	0.2	0
100	The Sexual Dimorphic Relationship Between Dietary Fiber Intake and Visceral Adipose Tissue. <i>FASEB Journal</i> , 2016, 30, lb228.	0.2	0
101	Examining the Role of Habitual Physical Activity in the Food Insecurityâ€Obesity Paradox. <i>FASEB Journal</i> , 2017, 31, 791.26.	0.2	0
102	Assessment of Dietary Intervention Compliance of Subjects Participating in an Ongoing Randomized Controlled Trial. <i>FASEB Journal</i> , 2017, 31, lb366.	0.2	0
103	Nutrition Effects on Childhood Executive Control. <i>Nestle Nutrition Institute Workshop Series</i> , 2020, 95, 1-9.	1.5	0