

Matthew F Muldoon

List of Publications by Year in descending order

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91
papers

4,932
citations

94433

37
h-index

91884

69
g-index

92
all docs

92
docs citations

92
times ranked

5844
citing authors

#	ARTICLE	IF	CITATIONS
1	A regulatory polymorphism of the monoamine oxidase-A gene may be associated with variability in aggression, impulsivity, and central nervous system serotonergic responsivity. <i>Psychiatry Research</i> , 2000, 95, 9-23.	3.3	423
2	What are quality of life measurements measuring?. <i>BMJ: British Medical Journal</i> , 1998, 316, 542-545.	2.3	347
3	Social Jetlag, Chronotype, and Cardiometabolic Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4612-4620.	3.6	315
4	Effects of lovastatin on cognitive function and psychological well-being—Access the “Journal Club” discussion of this paper at http://www.elsevier.com/locate/ajmselect/ . <i>American Journal of Medicine</i> , 2000, 108, 538-546.	1.5	279
5	Individual Differences in Cellular Immune Response to Stress. <i>Psychological Science</i> , 1991, 2, 111-115.	3.3	218
6	Randomized trial of the effects of simvastatin on cognitive functioning in hypercholesterolemic adults. <i>American Journal of Medicine</i> , 2004, 117, 823-829.	1.5	216
7	Neuropsychological correlates of hypertension: Review and methodologic considerations.. <i>Psychological Bulletin</i> , 1991, 110, 451-468.	6.1	211
8	Cholesterol reduction and non-illness mortality: meta-analysis of randomised clinical trials. <i>BMJ: British Medical Journal</i> , 2001, 322, 11-15.	2.3	158
9	Long-chain omega-3 fatty acid intake is associated positively with corticolimbic gray matter volume in healthy adults. <i>Neuroscience Letters</i> , 2007, 421, 209-212.	2.1	138
10	Memory performance and the apolipoprotein E polymorphism in a community sample of middle-aged adults. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 707-711.	2.4	112
11	Low Central Nervous System Serotonergic Responsivity Is Associated with the Metabolic Syndrome and Physical Inactivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 266-271.	3.6	109
12	Socio-economic status covaries with central nervous system serotonergic responsivity as a function of allelic variation in the serotonin transporter gene-linked polymorphic region. <i>Psychoneuroendocrinology</i> , 2004, 29, 651-668.	2.7	105
13	The Metabolic Syndrome Is Associated with Reduced Central Serotonergic Responsivity in Healthy Community Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 718-721.	3.6	93
14	High ω -6 and Low ω -3 Fatty Acids are Associated With Depressive Symptoms and Neuroticism. <i>Psychosomatic Medicine</i> , 2007, 69, 932-934.	2.0	88
15	Hypertension and neuropsychological performance in men: Interactive effects of age.. <i>Health Psychology</i> , 1996, 15, 102-109.	1.6	81
16	Serum ω -3 fatty acids are associated with variation in mood, personality and behavior in hypercholesterolemic community volunteers. <i>Psychiatry Research</i> , 2007, 152, 1-10.	3.3	79
17	White-Coat Hypertension and Carotid Artery Atherosclerosis. <i>Archives of Internal Medicine</i> , 2000, 160, 1507.	3.8	76
18	Serum Phospholipid Docosahexaenoic Acid Is Associated with Cognitive Functioning during Middle Adulthood. <i>Journal of Nutrition</i> , 2010, 140, 848-853.	2.9	76

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19	Assessing the Observed Relationship between Low Cholesterol and Violence-related Mortality. <i>Annals of the New York Academy of Sciences</i> , 1997, 836, 57-80.	3.8	74
20	Statin treatment alters serum n-3 and n-6 fatty acids in hypercholesterolemic patients. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 71, 263-269.	2.2	73
21	Serum Cholesterol and Intellectual Performance. <i>Psychosomatic Medicine</i> , 1997, 59, 382-387.	2.0	71
22	Preclinical Atherosclerosis Covaries with Individual Differences in Reactivity and Functional Connectivity of the Amygdala. <i>Biological Psychiatry</i> , 2009, 65, 943-950.	1.3	70
23	Dietary Fat Intake Is Associated with Psychosocial and Cognitive Functioning of School-Aged Children in the United States. <i>Journal of Nutrition</i> , 2005, 135, 1967-1973.	2.9	66
24	Cerebral Blood Flow in Hypertensive Patients. <i>Hypertension</i> , 1998, 31, 1216-1222.	2.7	64
25	Use of Total Cerebral Blood Flow as an Imaging Biomarker of Known Cardiovascular Risks. <i>Stroke</i> , 2013, 44, 2480-2485.	2.0	62
26	Central nervous system serotonergic responsivity and aggressive disposition in men. <i>Physiology and Behavior</i> , 2002, 77, 705-709.	2.1	61
27	Daily Marital Interaction Quality and Carotid Artery Intima-Medial Thickness in Healthy Middle-Aged Adults. <i>Psychosomatic Medicine</i> , 2014, 76, 347-354.	2.0	58
28	Recovery from Major Depression Is Not Associated with Normalization of Serotonergic Function. <i>Biological Psychiatry</i> , 1998, 43, 320-326.	1.3	57
29	Neurobiological Functioning and the Personality-Trait Hierarchy: Central Serotonergic Responsivity and the Stability Metatrait. <i>Psychological Science</i> , 2019, 30, 1413-1423.	3.3	57
30	Long-Chain Omega-3 Fatty Acids and Blood Pressure. <i>American Journal of Hypertension</i> , 2011, 24, 1121-1126.	2.0	53
31	Effects of six anti-hypertensive medications on cognitive performance. <i>Journal of Hypertension</i> , 2002, 20, 1643-1652.	0.5	52
32	Generation and Dietary Modulation of Anti-Inflammatory Electrophilic Omega-3 Fatty Acid Derivatives. <i>PLoS ONE</i> , 2014, 9, e94836.	2.5	48
33	Serotonin Receptor 2A (<i>HTR2A</i>) Gene Polymorphisms Are Associated with Blood Pressure, Central Adiposity, and the Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2007, 5, 323-330.	1.3	44
34	Participant-reported Health Status Predicts Cardiovascular and All-cause Mortality Independent of Established and Nontraditional Biomarkers: Evidence From a Representative US Sample. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	40
35	Citalopram intervention for hostility: Results of a randomized clinical trial. <i>Journal of Consulting and Clinical Psychology</i> , 2009, 77, 174-188.	2.0	39
36	Cognitive performance is associated with macronutrient intake in healthy young and middle-aged adults. <i>Nutritional Neuroscience</i> , 2006, 9, 179-187.	3.1	38

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37	Lower Central Serotonergic Responsivity Is Associated With Preclinical Carotid Artery Atherosclerosis. <i>Stroke</i> , 2007, 38, 2228-2233.	2.0	38
38	d,l-fenfluramine challenge test: Experience in nonpatient sample. <i>Biological Psychiatry</i> , 1996, 39, 761-768.	1.3	34
39	Neuropsychological consequences of antihypertensive medication use. <i>Experimental Aging Research</i> , 1995, 21, 353-368.	1.2	33
40	Serum Total Antioxidant Activity in Relative Hypo- and Hypercholesterolemia. <i>Free Radical Research</i> , 1996, 25, 239-245.	3.3	32
41	Trait positive and negative emotionality differentially associate with diurnal cortisol activity. <i>Psychoneuroendocrinology</i> , 2016, 68, 177-185.	2.7	32
42	Efficacy of Blended Collaborative Care for Patients With Heart Failure and Comorbid Depression. <i>JAMA Internal Medicine</i> , 2021, 181, 1369.	5.1	30
43	Lipid-Lowering Medication Use and Aggression Scores in Women: A Report from the NHLBI-Sponsored WISE Study. <i>Journal of Women's Health</i> , 2008, 17, 187-194.	3.3	29
44	Improved Working Memory but No Effect on Striatal Vesicular Monoamine Transporter Type 2 after Omega-3 Polyunsaturated Fatty Acid Supplementation. <i>PLoS ONE</i> , 2012, 7, e46832.	2.5	28
45	Neuroendocrine response to intravenous citalopram in healthy control subjects: pharmacokinetic influences. <i>Psychopharmacology</i> , 2005, 178, 268-275.	3.1	27
46	Acute hemoconcentration during psychological stress: Assessment of hemorheologic factors. <i>International Journal of Behavioral Medicine</i> , 1998, 5, 204-212.	1.7	25
47	Long-Chain Omega-3 Fatty Acids and Optimization of Cognitive Performance. <i>Military Medicine</i> , 2014, 179, 95-105.	0.8	25
48	Inverse Relationship Between Fenfluramine-Induced Prolactin Release and Blood Pressure in Humans. <i>Hypertension</i> , 1998, 32, 972-975.	2.7	23
49	Community Socioeconomic Status Is Associated With Carotid Artery Atherosclerosis in Untreated, Hypertensive Men. <i>American Journal of Hypertension</i> , 2006, 19, 560-566.	2.0	22
50	Personality Correlates of Midlife Cardiometabolic Risk: The Explanatory Role of Higher-Order Factors of the Five-Factor Model. <i>Journal of Personality</i> , 2016, 84, 765-776.	3.2	22
51	Maternal Vascular Lesions in the Placenta Predict Vascular Impairments a Decade After Delivery. <i>Hypertension</i> , 2022, 79, 424-434.	2.7	22
52	Omega-3 fatty acids moderate effects of physical activity on cognitive function. <i>Neuropsychologia</i> , 2014, 59, 103-111.	1.6	21
53	Cerebrovascular function in hypertension: Does high blood pressure make you old?. <i>Psychophysiology</i> , 2021, 58, e13654.	2.4	21
54	A comparison of d,l-fenfluramine and citalopram challenges in healthy adults. <i>Psychopharmacology</i> , 2004, 174, 376-80.	3.1	20

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55	Basal ganglia morphology links the metabolic syndrome and depressive symptoms. <i>Physiology and Behavior</i> , 2014, 123, 214-222.	2.1	18
56	Citalopram improves metabolic risk factors among high hostile adults: Results of a placebo-controlled intervention. <i>Psychoneuroendocrinology</i> , 2011, 36, 1070-1079.	2.7	17
57	Application of a single-objective, hybrid genetic algorithm approach to pharmacokinetic model building. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2012, 39, 393-414.	1.8	17
58	Optimal Blood Pressure Thresholds for Minimal Coronary Artery Disease Risk in Type 1 Diabetes. <i>Diabetes Care</i> , 2019, 42, 1692-1699.	8.6	17
59	Omega-3 Supplementation and the Neural Correlates of Negative Affect and Impulsivity: A Double-Blind, Randomized, Placebo-Controlled Trial in Midlife Adults. <i>Psychosomatic Medicine</i> , 2017, 79, 549-556.	2.0	15
60	Blood pressure interacts with APOE ϵ 4 to predict memory performance in a midlife sample.. <i>Neuropsychology</i> , 2015, 29, 693-702.	1.3	14
61	SMS-facilitated home blood pressure monitoring: A qualitative analysis of resultant health behavior change. <i>Patient Education and Counseling</i> , 2019, 102, 2246-2253.	2.2	14
62	Effect of Reducing Sedentary Behavior on Blood Pressure (RESET BP): Rationale, design, and methods. <i>Contemporary Clinical Trials</i> , 2021, 106, 106428.	1.8	14
63	Associations of immunometabolic risk factors with symptoms of depression and anxiety: The role of cardiac vagal activity. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 493-503.	4.1	13
64	Early Life Family Conflict, Social Interactions, and Carotid Artery Intima-Media Thickness in Adulthood. <i>Psychosomatic Medicine</i> , 2016, 78, 319-326.	2.0	12
65	Retest Reliability of Prolactin Response to dl-Fenfluramine Challenge in Adults. <i>Neuropsychopharmacology</i> , 2002, 26, 269-272.	5.4	11
66	Blunted Fenfluramine-Evoked Prolactin Secretion in Hypertensive Rats. <i>Hypertension</i> , 2003, 42, 719-724.	2.7	11
67	Brain Function, Cognition, and the Blood Pressure Response to Pharmacological Treatment. <i>Psychosomatic Medicine</i> , 2010, 72, 702-711.	2.0	10
68	Association of Total Marine Fatty Acids, Eicosapentaenoic and Docosahexaenoic Acids, With Aortic Stiffness in Koreans, Whites, and Japanese Americans. <i>American Journal of Hypertension</i> , 2013, 26, 1321-1327.	2.0	10
69	Concurrent Physical Activity Modifies the Association between n3 Long-Chain Fatty Acids and Cardiometabolic Risk in Midlife Adults. <i>Journal of Nutrition</i> , 2013, 143, 1414-1420.	2.9	8
70	The effects of omega-3 fatty acids on neuropsychological functioning and brain morphology in mid-life adults: a randomized clinical trial. <i>Psychological Medicine</i> , 2020, 50, 2425-2434.	4.5	8
71	Relationship between Dispositional Mindfulness, Psychological Health, and Diet Quality among Healthy Midlife Adults. <i>Nutrients</i> , 2020, 12, 3414.	4.1	8
72	Randomized feasibility trial of a digital intervention for hypertension self-management. <i>Journal of Human Hypertension</i> , 2022, 36, 718-725.	2.2	8

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73	Ambulatory Blood Pressure and the Metabolic Syndrome in Normotensive and Untreated Hypertensive Men. <i>Metabolic Syndrome and Related Disorders</i> , 2007, 5, 34-44.	1.3	7
74	Long-chain, n-3 fatty acids and physical activity – Independent and interactive associations with cardiac autonomic control. <i>International Journal of Cardiology</i> , 2013, 167, 2102-2107.	1.7	7
75	Development and Preliminary Feasibility of an Automated Hypertension Self-Management System. <i>American Journal of Medicine</i> , 2018, 131, 1125.e1-1125.e8.	1.5	7
76	Of Signal and Noise. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004543.	2.2	7
77	Prognostic Significance of Pulse Pressure and Other Blood Pressure Components for Coronary Artery Disease in Type 1 Diabetes. <i>American Journal of Hypertension</i> , 2019, 32, 1075-1081.	2.0	6
78	Is stressor-evoked cardiovascular reactivity a pathway linking positive and negative emotionality to preclinical cardiovascular disease risk?. <i>Psychophysiology</i> , 2021, 58, e13741.	2.4	5
79	Conscientiousness and Cardiometabolic Risk: A Test of the Health Behavior Model of Personality Using Structural Equation Modeling. <i>Annals of Behavioral Medicine</i> , 2022, 56, 100-111.	2.9	5
80	Mediation analysis for estimating cardioprotection of longitudinal RAS inhibition beyond lowering blood pressure and albuminuria in type 1 diabetes. <i>Annals of Epidemiology</i> , 2020, 41, 7-13.e1.	1.9	4
81	Is the Brain an Early or Late Component of Essential Hypertension?. <i>American Journal of Hypertension</i> , 2020, 33, 482-490.	2.0	4
82	Evaluation of a collaborative VA network initiative to reduce racial disparities in blood pressure control among veterans with severe hypertension. <i>Healthcare</i> , 2021, 8, 100485.	1.3	4
83	Not all texts are created equal: Design considerations for text message interventions to improve antihypertensive medication adherence. <i>Journal of Clinical Hypertension</i> , 2017, 19, 1285-1287.	2.0	3
84	Association of sedentary time with blood pressure in women of reproductive age. <i>Preventive Medicine Reports</i> , 2020, 20, 101219.	1.8	3
85	Matchmaking and the Future of Hypertension Management. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007062.	2.2	3
86	Cortisol activity partially accounts for a relationship between community socioeconomic position and atherosclerosis. <i>Psychoneuroendocrinology</i> , 2021, 131, 105292.	2.7	2
87	Imaging the influence of red blood cell docosahexaenoic acid status on the expression of the 18kDa translocator protein in the brain: a [11C]PBR28 PET study in young healthy males. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, , .	1.5	2
88	The prospective relationship between prehypertension, race, and whole-brain white matter microstructure. <i>Journal of Human Hypertension</i> , 2020, 34, 82-89.	2.2	1
89	Systemic Inflammation Contributes to the Association Between Childhood Socioeconomic Disadvantage and Midlife Cardiometabolic Risk. <i>Annals of Behavioral Medicine</i> , 2023, 57, 26-37.	2.9	1
90	Discerning Whether and How Long-Chain, n-3 Fatty Acids Lower Blood Pressure: A Comment on Skulas-Ray et al.. <i>Annals of Behavioral Medicine</i> , 2012, 44, 295-296.	2.9	0

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91	The Personality Meta-trait of Stability and Carotid Artery Atherosclerosis. <i>Journal of Personality</i> , 2022, , .	3.2	0