

David J Madden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8529235/publications.pdf>

Version: 2024-02-01

102
papers

9,513
citations

57758

44
h-index

39675

94
g-index

104
all docs

104
docs citations

104
times ranked

10245
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical iron mediates <sc>age-related</sc> decline in fluid cognition. Human Brain Mapping, 2022, 43, 1047-1060.	3.6	12
2	Cerebral White Matter Mediation of Age-Related Differences in Picture Naming Across Adulthood. Neurobiology of Language (Cambridge, Mass), 2022, 3, 272-286.	3.1	2
3	Cerebral white matter connectivity, cognition, and age-related macular degeneration. NeuroImage: Clinical, 2021, 30, 102594.	2.7	11
4	Response-level processing during visual feature search: Effects of frontoparietal activation and adult age. Attention, Perception, and Psychophysics, 2020, 82, 330-349.	1.3	8
5	Influence of structural and functional brain connectivity on age-related differences in fluid cognition. Neurobiology of Aging, 2020, 96, 205-222.	3.1	28
6	Relationship between neural functional connectivity and memory performance in age-related macular degeneration. Neurobiology of Aging, 2020, 95, 176-185.	3.1	5
7	Neural activation for actual and imagined movement following unilateral hand transplantation: a case study. Neurocase, 2019, 25, 225-234.	0.6	3
8	Language processing in age-related macular degeneration associated with unique functional connectivity signatures in the right hemisphere. Neurobiology of Aging, 2018, 63, 65-74.	3.1	13
9	Frontoparietal activation during visual conjunction search: Effects of bottom-up guidance and adult age. Human Brain Mapping, 2017, 38, 2128-2149.	3.6	18
10	Maintenance and Representation of Mind Wandering during Resting-State fMRI. Scientific Reports, 2017, 7, 40722.	3.3	30
11	Functional modular architecture underlying attentional control in aging. NeuroImage, 2017, 155, 257-270.	4.2	28
12	Sources of disconnection in neurocognitive aging: cerebral white-matter integrity, resting-state functional connectivity, and white-matter hyperintensity volume. Neurobiology of Aging, 2017, 54, 199-213.	3.1	50
13	Task difficulty modulates brain activation in the emotional oddball task. Brain Research, 2017, 1664, 74-86.	2.2	16
14	Visual Acuity does not Moderate Effect Sizes of Higher-Level Cognitive Tasks. Experimental Aging Research, 2016, 42, 221-263.	1.2	9
15	Linking cognitive and visual perceptual decline in healthy aging: The information degradation hypothesis. Neuroscience and Biobehavioral Reviews, 2016, 69, 166-173.	6.1	80
16	Changes in Brain Resting-state Functional Connectivity Associated with Peripheral Nerve Block. Anesthesiology, 2016, 125, 368-377.	2.5	6
17	Global versus tract-specific components of cerebral white matter integrity: relation to adult age and perceptual-motor speed. Brain Structure and Function, 2015, 220, 2705-2720.	2.3	22
18	Association between increased magnetic susceptibility of deep gray matter nuclei and decreased motor function in healthy adults. NeuroImage, 2015, 105, 45-52.	4.2	41

#	ARTICLE	IF	CITATIONS
19	Age mediation of frontoparietal activation during visual feature search. <i>NeuroImage</i> , 2014, 102, 262-274.	4.2	28
20	Brain Connectivity and Visual Attention. <i>Brain Connectivity</i> , 2013, 3, 317-338.	1.7	84
21	The Architecture of Cross-Hemispheric Communication in the Aging Brain: Linking Behavior to Functional and Structural Connectivity. <i>Cerebral Cortex</i> , 2012, 22, 232-242.	2.9	150
22	Diffusion tensor imaging of cerebral white matter integrity in cognitive aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 386-400.	3.8	380
23	White matter integrity correlates of implicit sequence learning in healthy aging. <i>Neurobiology of Aging</i> , 2011, 32, 2317.e1-2317.e12.	3.1	102
24	Influence of Encoding Difficulty, Word Frequency, and Phonological Regularity on Age Differences in Word Naming. <i>Experimental Aging Research</i> , 2011, 37, 261-292.	1.2	16
25	Age-related differences in multiple measures of white matter integrity: A diffusion tensor imaging study of healthy aging. <i>Human Brain Mapping</i> , 2010, 31, 378-390.	3.6	396
26	Effects of Adult Age and Blood Pressure on Executive Function and Speed of Processing. <i>Experimental Aging Research</i> , 2010, 36, 153-168.	1.2	58
27	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	7.1	2,703
28	Adult age differences in functional connectivity during executive control. <i>NeuroImage</i> , 2010, 52, 643-657.	4.2	149
29	Measurement of spontaneous signal fluctuations in fMRI: adult age differences in intrinsic functional connectivity. <i>Brain Structure and Function</i> , 2009, 213, 571-585.	2.3	52
30	Cerebral White Matter Integrity and Cognitive Aging: Contributions from Diffusion Tensor Imaging. <i>Neuropsychology Review</i> , 2009, 19, 415-435.	4.9	383
31	Assessing the effects of age on long white matter tracts using diffusion tensor tractography. <i>NeuroImage</i> , 2009, 46, 530-541.	4.2	406
32	Age-related slowing of memory retrieval: Contributions of perceptual speed and cerebral white matter integrity. <i>Neurobiology of Aging</i> , 2008, 29, 1070-1079.	3.1	178
33	Cerebral White Matter Integrity Mediates Adult Age Differences in Cognitive Performance. <i>Journal of Cognitive Neuroscience</i> , 2008, 21, 289-302.	2.3	228
34	Age-related increase in top-down activation of visual features. <i>Quarterly Journal of Experimental Psychology</i> , 2007, 60, 644-651.	1.1	21
35	Overriding age differences in attentional capture with top-down processing.. <i>Psychology and Aging</i> , 2007, 22, 223-232.	1.6	33
36	Adult age differences in the functional neuroanatomy of visual attention: A combined fMRI and DTI study. <i>Neurobiology of Aging</i> , 2007, 28, 459-476.	3.1	200

#	ARTICLE	IF	CITATIONS
37	Aging and Visual Attention. <i>Current Directions in Psychological Science</i> , 2007, 16, 70-74.	5.3	185
38	A diffusion model analysis of adult age differences in episodic and semantic long-term memory retrieval.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2006, 32, 101-117.	0.9	131
39	Adult Age Differences in the Implicit and Explicit Components of Top-Down Attentional Guidance During Visual Search.. <i>Psychology and Aging</i> , 2005, 20, 317-329.	1.6	38
40	Searching from the Top Down: Ageing and Attentional Guidance during Singleton Detection. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 72-97.	2.3	47
41	Age-related Changes in Neural Activity during Visual Target Detection Measured by fMRI. <i>Cerebral Cortex</i> , 2004, 14, 143-155.	2.9	85
42	Diffusion tensor imaging of adult age differences in cerebral white matter: relation to response time. <i>NeuroImage</i> , 2004, 21, 1174-1181.	4.2	322
43	Age-Related Preservation of Top-Down Attentional Guidance During Visual Search.. <i>Psychology and Aging</i> , 2004, 19, 304-309.	1.6	68
44	Age-Related Changes in Neural Activity During Visual Perception and Attention. , 2004, , 157-185.		9
45	Interaction of Blood Pressure and Adult Age in Memory Search and Visual Search Performance. <i>Aging, Neuropsychology, and Cognition</i> , 2003, 10, 241-254.	1.3	8
46	Age-related changes in visual attention. <i>Advances in Cell Aging and Gerontology</i> , 2003, 15, 41-88.	0.1	27
47	Age-related changes in selective attention and perceptual load during visual search.. <i>Psychology and Aging</i> , 2003, 18, 54-67.	1.6	48
48	Differential Age Effects in Semantic and Episodic Memory. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2002, 57, P173-P186.	3.9	37
49	Aging and attentional guidance during visual search: Functional neuroanatomy by positron emission tomography.. <i>Psychology and Aging</i> , 2002, 17, 24-43.	1.6	71
50	Differential age effects for case and hue mixing in visual word recognition.. <i>Psychology and Aging</i> , 2002, 17, 622-635.	1.6	15
51	Adult Age Differences in Visual Word Identification: Functional Neuroanatomy by Positron Emission Tomography. <i>Brain and Cognition</i> , 2002, 49, 297-321.	1.8	45
52	Aging and attentional guidance during visual search: Functional neuroanatomy by positron emission tomography.. <i>Psychology and Aging</i> , 2002, 17, 24-43.	1.6	44
53	Effects of Exercise Training on Cognitive Functioning among Depressed Older Men and Women. <i>Journal of Aging and Physical Activity</i> , 2001, 9, 43-57.	1.0	65
54	Adult Age Invariance in Sentence Unitization. <i>Aging, Neuropsychology, and Cognition</i> , 2000, 7, 54-67.	1.3	6

#	ARTICLE	IF	CITATIONS
55	Introduction. Microscopy Research and Technique, 2000, 51, 1-5.	2.2	5
56	Functional neuroimaging of memory: Implications for cognitive aging. Microscopy Research and Technique, 2000, 51, 75-84.	2.2	38
57	Aging and Recognition Memory: Changes in Regional Cerebral Blood Flow Associated with Components of Reaction Time Distributions. Journal of Cognitive Neuroscience, 1999, 11, 511-520.	2.3	74
58	Age Differences in the Strategic Allocation of Visual Attention. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 1999, 54B, P165-P172.	3.9	22
59	Age similarities in the inertial properties of attention. Perception & Psychophysics, 1999, 61, 740-755.	2.3	6
60	Adult age differences in the functional neuroanatomy of verbal recognition memory. Human Brain Mapping, 1999, 7, 115-135.	3.6	263
61	Task Complexity and Signal Detection Analyses of Lexical Decision Performance in Alzheimer's Disease. Developmental Neuropsychology, 1999, 16, 1-18.	1.4	20
62	Adult age differences in visual search accuracy: Attentional guidance and target detectability.. Psychology and Aging, 1999, 14, 683-694.	1.6	54
63	Interaction of hypertension and age in visual selective attention performance.. Health Psychology, 1998, 17, 76-83.	1.6	33
64	Adult age differences in long-term semantic priming. Experimental Aging Research, 1997, 23, 107-135.	1.2	8
65	Adult age differences in strategic and dynamic components of focusing visual attention. Aging, Neuropsychology, and Cognition, 1997, 4, 185-210.	1.3	45
66	Selective and divided visual attention: Age-related changes in regional cerebral blood flow measured by H215O PET. , 1997, 5, 389-409.		86
67	Adult age differences in the use of distractor homogeneity during visual search.. Psychology and Aging, 1996, 11, 454-474.	1.6	59
68	Aging and the Speed/Accuracy Relation in Visual Search: Evidence for an Accumulator Model. Optometry and Vision Science, 1995, 72, 210-216.	1.2	14
69	Visual word encoding and the effect of adult age and word frequency. Advances in Psychology, 1995, , 30-71.	0.1	21
70	Adult age differences in shifting focused attention.. Psychology and Aging, 1994, 9, 528-538.	1.6	41
71	Influence of age and processing stage on visual word recognition.. Psychology and Aging, 1993, 8, 274-282.	1.6	99
72	Age-related slowing and the time course of semantic priming in visual word identification.. Psychology and Aging, 1993, 8, 490-507.	1.6	87

#	ARTICLE	IF	CITATIONS
73	Age Differences in Short-term Memory: Organization or Internal Noise?. <i>Journal of Gerontology</i> , 1992, 47, P281-P288.	1.9	9
74	Cognitive slowing in Alzheimer's disease as a function of task type and response type. <i>Developmental Neuropsychology</i> , 1992, 8, 459-471.	1.4	17
75	Adult age differences in attentional allocation during memory search.. <i>Psychology and Aging</i> , 1992, 7, 594-601.	1.6	83
76	Selective attention and visual search: Revision of an allocation model and application to age differences.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1992, 18, 821-836.	0.9	56
77	Effects of Exercise Training on Bone Density in Older Men and Women. <i>Journal of the American Geriatrics Society</i> , 1991, 39, 1065-1070.	2.6	49
78	Adult age differences in letter-level and word-level processing.. <i>Psychology and Aging</i> , 1991, 6, 261-271.	1.6	67
79	Evidence for a parallel input serial analysis model of word processing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 48-64.	0.9	33
80	Adult age differences in attentional selectivity and capacity. <i>European Journal of Cognitive Psychology</i> , 1990, 2, 229-252.	1.3	59
81	Amount and duration of attentional demands during visual search. <i>Perception & Psychophysics</i> , 1989, 45, 577-585.	2.3	6
82	Visual word identification and age-related slowing. <i>Cognitive Development</i> , 1989, 4, 1-29.	1.3	42
83	Adult age differences in the effects of word frequency during visual letter identification. <i>Cognitive Development</i> , 1989, 4, 283-294.	1.3	10
84	Slowing of memory-search performance in men with mild hypertension.. <i>Health Psychology</i> , 1989, 8, 131-142.	1.6	34
85	Improving aerobic capacity in healthy older adults does not necessarily lead to improved cognitive performance.. <i>Psychology and Aging</i> , 1989, 4, 307-320.	1.6	139
86	Short-term behavioral effects of beta-adrenergic medications in men with mild hypertension. <i>Clinical Pharmacology and Therapeutics</i> , 1988, 43, 429-435.	4.7	31
87	Adult age differences in the effects of sentence context and stimulus degradation during visual word recognition.. <i>Psychology and Aging</i> , 1988, 3, 167-172.	1.6	97
88	Different patterns of cognitive slowing produced by Alzheimer's disease and normal aging.. <i>Psychology and Aging</i> , 1988, 3, 102-104.	1.6	67
89	Adult Age Differences in Visual Acuity, Stereopsis, and Contrast Sensitivity. <i>Optometry and Vision Science</i> , 1987, 64, 749-753.	1.2	74
90	Adult age differences in the attentional capacity demands of letter matching. <i>Experimental Aging Research</i> , 1987, 13, 93-99.	1.2	20

#	ARTICLE	IF	CITATIONS
91	From retina to response: Contrast sensitivity and memory retrieval during visual word recognition. <i>Experimental Aging Research</i> , 1987, 13, 15-21.	1.2	9
92	Aging, attention, and the use of meaning during visual search. <i>Cognitive Development</i> , 1987, 2, 201-216.	1.3	26
93	Adult Age Differences in the Attentional Capacity Demands of Visual Search. <i>Cognitive Development</i> , 1986, 1, 335-363.	1.3	71
94	Memory performance by mild hypertensives following beta-adrenergic blockade. <i>Psychopharmacology</i> , 1986, 89, 20-4.	3.1	23
95	Adult age differences in visual word recognition: Semantic encoding and episodic retention. <i>Experimental Aging Research</i> , 1986, 12, 71-78.	1.2	45
96	Adult age differences in memory-driven selective attention.. <i>Developmental Psychology</i> , 1985, 21, 655-665.	1.6	15
97	The effect of age on hemispheric asymmetry in visual and auditory identification. <i>Experimental Aging Research</i> , 1983, 9, 87-91.	1.2	31
98	The use of focused attention in visual search by young and old adults. <i>Experimental Aging Research</i> , 1983, 9, 139-143.	1.2	36
99	Aging and distraction by highly familiar stimuli during visual search.. <i>Developmental Psychology</i> , 1983, 19, 499-507.	1.6	74
100	Age differences and similarities in the improvement of controlled search. <i>Experimental Aging Research</i> , 1982, 8, 91-98.	1.2	51
101	Aging and the development of automaticity in visual search.. <i>Developmental Psychology</i> , 1980, 16, 377-384.	1.6	58
102	Benign Senescent Forgetfulness, Age-associated Memory Impairment, and Age-related Cognitive Decline. , 0, , 303-304.		2