Roger E Beaty

List of Publications by Year
in descending order

99 papers	7,446 citations	76294 40 h-index	62565 80 g-index
116 all docs	116 docs citations	116 times ranked	3940 citing authors

#	Article	IF	Citations
1	Semantic memory and creativity: the costs and benefits of semantic memory structure in generating original ideas. Thinking and Reasoning, 2023, 29, 305-339.	2.1	14
2	Does Episodic Retrieval Contribute to Creative Writing? An Exploratory Study. Creativity Research Journal, 2022, 34, 145-158.	1.7	8
3	Expert musical improvisations contain sequencing biases seen in language production.. Journal of Experimental Psychology: General, 2022, 151, 912-920.	1.5	3
4	Neural Representations of Conceptual Fixation during Creative Imagination. Creativity Research Journal, 2022, 34, 106-122.	1.7	5
5	Semantic Distance and the Alternate Uses Task: Recommendations for Reliable Automated Assessment of Originality. Creativity Research Journal, 2022, 34, 245-260.	1.7	18
6	Trends in translational creativity research: Introduction to the special issue.. Translational Issues in Psychological Science, 2022, 8, 1-5.	0.6	0
7	Creative Connections: Computational Semantic Distance Captures Individual Creativity and Resting-State Functional Connectivity. Journal of Cognitive Neuroscience, 2021, 33, 499-509.	1.1	16
8	Connectome-Based Predictive Modeling of Creativity Anxiety. NeuroImage, 2021, 225, 117469.	2.1	39
9	Automating creativity assessment with SemDis: An open platform for computing semantic distance. Behavior Research Methods, 2021, 53, 757-780.	2.3	105
10	When Figurative Language Goes off the Rails and under the Bus: Fluid Intelligence, Openness to Experience, and the Production of Poor Metaphors. Journal of Intelligence, 2021, 9, 2.	1.3	4
11	Keeping Creativity under Control: Contributions of Attention Control and Fluid Intelligence to Divergent Thinking. Creativity Research Journal, 2021, 33, 138-157.	1.7	37
12	Flexible Semantic Network Structure Supports the Production of Creative Metaphor. Creativity Research Journal, 2021, 33, 209-223.	1.7	22
13	Measuring everyday creativity: A Rasch model analysis of the Biographical Inventory of Creative Behaviors (BICB) scale. Thinking Skills and Creativity, 2021, 39, 100797.	1.9	12
14	Functional Realignment of Frontoparietal Subnetworks during Divergent Creative Thinking. Cerebral Cortex, 2021, 31, 4464-4476.	1.6	18
15	Intelligence and creativity share a common cognitive and neural basis.. Journal of Experimental Psychology: General, 2021, 150, 609-632.	1.5	42
16	Quantifying flexibility in thought: The resiliency of semantic networks differs across the lifespan. Cognition, 2021, 211, 104631.	1.1	40
17	Cortical Networks of Creative Ability Trace Gene Expression Profiles of Synaptic Plasticity in the Human Brain. Frontiers in Human Neuroscience, 2021, 15, 694274.	1.0	2
18	Forward flow and creative thought: Assessing associative cognition and its role in divergent thinking. Thinking Skills and Creativity, 2021, 41, 100859.	1.9	31

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19	Functional network connectivity during Jazz improvisation. Scientific Reports, 2021, 11, 19036.	1.6	13
20	Spontaneous and deliberate modes of creativity: Multitask eigen-connectivity analysis captures latent cognitive modes during creative thinking. NeuroImage, 2021, 243, 118531.	2.1	10
21	Seeing outside the box: Salient associations disrupt visual idea generation.. Psychology of Aesthetics, Creativity, and the Arts, 2021, 15, 575-583.	1.0	3
22	Education shapes the structure of semantic memory and impacts creative thinking. Npj Science of Learning, 2021, 6, 35.	1.5	15
23	Brain Entropy is Associated with Divergent Thinking. Cerebral Cortex, 2020, 30, 708-717.	1.6	30
24	Default network contributions to episodic and semantic processing during divergent creative thinking: A representational similarity analysis. NeuroImage, 2020, 209, 116499.	2.1	56
25	Mapping the artistic brain: Common and distinct neural activations associated with musical, drawing, and literary creativity. Human Brain Mapping, 2020, 41, 3403-3419.	1.9	43
26	Eye behavior predicts susceptibility to visual distraction during internally directed cognition. Attention, Perception, and Psychophysics, 2020, 82, 3432-3444.	0.7	13
27	Autonomy and control across cognition. , 2020, , 25-54.		1
28	Mind-Wandering Across the Age Gap: Age-Related Differences in Mind-Wandering Are Partially Attributable to Age-Related Differences in Motivation. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 76, 1264-1271.	2.4	15
29	Community structure of the creative brain at rest. NeuroImage, 2020, 210, 116578.	2.1	24
30	Elements of creative thought: Investigating the cognitive and neural correlates of association and bi-association processes. NeuroImage, 2020, 210, 116586.	2.1	45
31	Mapping the Creative Mind. American Scientist, 2020, 108, 218.	0.1	10
32	Default Network. , 2020, , 310-314.		0
33	Thinking about the past and future in daily life: an experience sampling study of individual differences in mental time travel. Psychological Research, 2019, 83, 805-816.	1.0	35
34	Brain hemispheric involvement in visuospatial and verbal divergent thinking. NeuroImage, 2019, 202, 116065.	2.1	67
35	Aging and the wandering brain: Age-related differences in the neural correlates of stimulus-independent thoughts. PLoS ONE, 2019, 14, e0223981.	1.1	13
36	Large-scale network interactions involved in dividing attention between the external environment and internal thoughts to pursue two distinct goals. NeuroImage, 2019, 197, 49-59.	2.1	18

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37	Creativity slumps and bumps: Examining the neurobehavioral basis of creativity development during middle childhood. NeuroImage, 2019, 196, 94-101.	2.1	25
38	Intrinsic defaultâ€"executive coupling of the creative aging brain. Social Cognitive and Affective Neuroscience, 2019, 14, 291-303.	1.5	24
39	Network neuroscience of creative cognition: mapping cognitive mechanisms and individual differences in the creative brain. Current Opinion in Behavioral Sciences, 2019, 27, 22-30.	2.0	172
40	Creative aging: functional brain networks associated with divergent thinking in older and younger adults. Neurobiology of Aging, 2019, 75, 150-158.	1.5	48
41	Mind-wandering as creative thinking: neural, psychological, and theoretical considerations. Current Opinion in Behavioral Sciences, 2019, 27, 123-130.	2.0	65
42	Neural Mechanisms of Episodic Retrieval Support Divergent Creative Thinking. Cerebral Cortex, 2019, 29, 150-166.	1.6	83
43	Creativity assessment in neuroscience research.. Psychology of Aesthetics, Creativity, and the Arts, 2019, 13, 218-226.	1.0	53
44	Depression, anxiety, and stress and the distinction between intentional and unintentional mind wandering.. Psychology of Consciousness: Theory Research, and Practice, 2019, 6, 163-170.	0.3	31
45	Title is missing!. , 2019, 14, e0223981.		0
46	Title is missing!. , 2019, 14, e0223981.		0
47	Title is missing!. , 2019, 14, e0223981.		0
48	Title is missing!. , 2019, 14, e0223981.		0
49	Robust prediction of individual creative ability from brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1087-1092.	3.3	562
50	Driving the brain towards creativity and intelligence: A network control theory analysis. Neuropsychologia, 2018, 118, 79-90.	0.7	76
51	Interacting Brain Networks Underlying Creative Cognition and Artistic Performance. , 2018, , .		3
52	Clever people: Intelligence and humor production ability.. Psychology of Aesthetics, Creativity, and the Arts, 2018, 12, 136-143.	1.0	28
53	Longitudinal Alterations of Frontoparietal and Frontotemporal Networks Predict Future Creative Cognitive Ability. Cerebral Cortex, 2018, 28, 103-115.	1.6	52
54	To create or to recall original ideas: Brain processes associated with the imagination of novel object uses. Cortex, 2018, 99, 93-102.	1.1	71

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55	Brain networks of the imaginative mind: Dynamic functional connectivity of default and cognitive control networks relates to openness to experience. Human Brain Mapping, 2018, 39, 811-821.	1.9	127
56	How pervasive is mind wandering, really?,. Consciousness and Cognition, 2018, 66, 74-78.	0.8	67
57	A Computational Network Control Theory Analysis of Depression Symptoms. Personality Neuroscience, 2018, 1, .	1.3	11
58	Use or Consequences: Probing the Cognitive Difference Between Two Measures of Divergent Thinking. Frontiers in Psychology, 2018, 9, 2327.	1.1	45
59	Core Network Contributions to Remembering the Past, Imagining the Future, and Thinking Creatively. Journal of Cognitive Neuroscience, 2018, 30, 1939-1951.	1.1	54
60	Age-related differences in mind-wandering in daily life.. Psychology and Aging, 2018, 33, 643-653.	1.4	49
61	Old or New? Evaluating the Old/New Scoring Method for Divergent Thinking Tasks. Journal of Creative Behavior, 2017, 51, 216-224.	1.6	43
62	Creative constraints: Brain activity and network dynamics underlying semantic interference during idea production. NeuroImage, 2017, 148, 189-196.	2.1	136
63	Common and distinct brain networks underlying verbal and visual creativity. Human Brain Mapping, 2017, 38, 2094-2111.	1.9	74
64	Openness/Intellect. , 2017, , 9-27.		45
65	Ha ha? Assessing individual differences in humor production ability.. Psychology of Aesthetics, Creativity, and the Arts, 2017, 11, 231-241.	1.0	37
66	Brain networks underlying novel metaphor production. Brain and Cognition, 2017, 111, 163-170.	0.8	59
67	Creativity, Self-Generated Thought, and the Brainâ€™s Default Network. , 2017, , 171-183.		11
68	Revered today, loved tomorrow: Expert creativity ratings predict popularity of architectsâ€™ works 50 years later.. Psychology of Aesthetics, Creativity, and the Arts, 2017, 11, 386-391.	1.0	5
69	Structure and flexibility: Investigating the relation between the structure of the mental lexicon, fluid intelligence, and creative achievement.. Psychology of Aesthetics, Creativity, and the Arts, 2016, 10, 377-388.	1.0	91
70	Personality and complex brain networks: The role of openness to experience in default network efficiency. Human Brain Mapping, 2016, 37, 773-779.	1.9	172
71	Brain mechanisms associated with internally directed attention and self-generated thought. Scientific Reports, 2016, 6, 22959.	1.6	114
72	How does music training predict cognitive abilities? A bifactor approach to musical expertise and intelligence.. Psychology of Aesthetics, Creativity, and the Arts, 2016, 10, 184-190.	1.0	25

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73	Creative Cognition and Brain Network Dynamics. Trends in Cognitive Sciences, 2016, 20, 87-95.	4.0	680
74	Openness to experience and auditory discrimination ability in music: An investment approach. Psychology of Music, 2016, 44, 792-801.	0.9	17
75	Openness to experience and awe in response to nature and music: Personality and profound aesthetic experiences.. Psychology of Aesthetics, Creativity, and the Arts, 2015, 9, 376-384.	1.0	185
76	Turn That Racket Down! Physical Anhedonia and Diminished Pleasure From Music. Empirical Studies of the Arts, 2015, 33, 228-243.	0.9	2
77	The neuroscience of musical improvisation. Neuroscience and Biobehavioral Reviews, 2015, 51, 108-117.	2.9	170
78	Individual differences in verbal creative thinking are reflected in the precuneus. Neuropsychologia, 2015, 75, 441-449.	0.7	62
79	Default and Executive Network Coupling Supports Creative Idea Production. Scientific Reports, 2015, 5, 10964.	1.6	475
80	Effort deficits and depression: The influence of anhedonic depressive symptoms on cardiac autonomic activity during a mental challenge. Motivation and Emotion, 2014, 38, 779-789.	0.8	41
81	Ready, set, create: What instructing people to â€œbe creativeâ€•reveals about the meaning and mechanisms of divergent thinking.. Psychology of Aesthetics, Creativity, and the Arts, 2014, 8, 423-432.	1.0	184
82	Everyday creativity in daily life: An experience-sampling study of â€œlittle câ€•creativity.. Psychology of Aesthetics, Creativity, and the Arts, 2014, 8, 183-188.	1.0	144
83	Does insight problem solving predict real-world creativity?. Psychology of Aesthetics, Creativity, and the Arts, 2014, 8, 287-292.	1.0	100
84	Listening between the notes: Aesthetic chills in everyday music listening.. Psychology of Aesthetics, Creativity, and the Arts, 2014, 8, 104-109.	1.0	43
85	Blessed are the meek? Honestyâ€“humility, agreeableness, and the HEXACO structure of religious beliefs, motives, and values. Personality and Individual Differences, 2014, 66, 19-23.	1.6	22
86	Creative motivation: Creative achievement predicts cardiac autonomic markers of effort during divergent thinking. Biological Psychology, 2014, 102, 30-37.	1.1	39
87	Creativity and the default network: A functional connectivity analysis of the creative brain at rest. Neuropsychologia, 2014, 64, 92-98.	0.7	345
88	The roles of associative and executive processes in creative cognition. Memory and Cognition, 2014, 42, 1186-1197.	0.9	318
89	Creating metaphors: The neural basis of figurative language production. NeuroImage, 2014, 90, 99-106.	2.1	205
90	Verbal fluency and creativity: General and specific contributions of broad retrieval ability (Gr) factors to divergent thinking. Intelligence, 2013, 41, 328-340.	1.6	171

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91	Tired minds, tired ideas? Exploring insomnia and creativity. Thinking Skills and Creativity, 2013, 9, 69-75.	1.9	6
92	Music to the inner ears: Exploring individual differences in musical imagery. Consciousness and Cognition, 2013, 22, 1163-1173.	0.8	53
93	Metaphorically speaking: cognitive abilities and the production of figurative language. Memory and Cognition, 2013, 41, 255-267.	0.9	133
94	Gritty people try harder: Grit and effort-related cardiac autonomic activity during an active coping challenge. International Journal of Psychophysiology, 2013, 88, 200-205.	0.5	80
95	A first look at the role of domain-general cognitive and creative abilities in jazz improvisation.. Psychomusicology: Music, Mind and Brain, 2013, 23, 262-268.	1.1	40
96	Why do ideas get more creative across time? An executive interpretation of the serial order effect in divergent thinking tasks.. Psychology of Aesthetics, Creativity, and the Arts, 2012, 6, 309-319.	1.0	336
97	Making creative metaphors: The importance of fluid intelligence for creative thought. Intelligence, 2012, 40, 343-351.	1.6	188
98	Ruminating about mental illness and creativity. , 0, , 395-402.		1
99	Episodic Memory and Cognitive Control: Contributions to Creative Idea Production. , 0, , 249-260.		13