

# Luke A Downey

## List of Publications by Year in descending order

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107  
papers

3,154  
citations

147566

31  
h-index

182168

51  
g-index

112  
all docs

112  
docs citations

112  
times ranked

3545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Chewing Gum on Nitric Oxide Metabolism, Markers of Cardiovascular Health and Neurocognitive Performance after a Nitrate-Rich Meal. <i>Journal of the American College of Nutrition</i> , 2022, 41, 178-190.	1.1	0
2	Effects of <i>Bacopa monnieri</i> (CDRI 08 <sup>®</sup> ) in a population of males exhibiting inattention and hyperactivity aged 6 to 14 years: A randomized, double-blind, placebo-controlled trial. <i>Phytotherapy Research</i> , 2022, 36, 996-1012.	2.8	3
3	Acute effects of amphetamine and related psychostimulants on impulsivity: a systematic review of clinical trials. <i>Addiction Biology</i> , 2022, 27, e13128.	1.4	4
4	Amphetamine-induced alteration to gaze parameters: A novel conceptual pathway and implications for naturalistic behavior. <i>Progress in Neurobiology</i> , 2021, 199, 101929.	2.8	7
5	The Neurocognitive Effects of <i>Bacopa monnieri</i> and Cognitive Training on Markers of Brain Microstructure in Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 638109.	1.7	3
6	Driving Impairment Following Vaporization of Cannabis. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1225.	3.8	0
7	Driver monitoring systems (DMS): The future of impaired driving management?. <i>Traffic Injury Prevention</i> , 2021, 22, 313-317.	0.6	8
8	Prescription medication use and crash risk: taking responsibility for a new global challenge. <i>Lancet Public Health</i> , The, 2021, 6, e349-e350.	4.7	5
9	Managing the high: developing legislation and detection methods for cannabis impairment. <i>Nature Reviews Neuroscience</i> , 2021, 22, 584-584.	4.9	2
10	The impact of 7-hour and 11-hour rest breaks between shifts on heavy vehicle truck drivers' sleep, alertness and naturalistic driving performance. <i>Accident Analysis and Prevention</i> , 2021, 159, 106224.	3.0	9
11	The Combined Effects of Alcohol and Benzodiazepines on Driving-Related Neurocognitive Skills: A Systematic Review. <i>Journal of Studies on Alcohol and Drugs</i> , 2021, 82, 553-563.	0.6	2
12	High standards: considerations for the application of the standard THC unit. <i>Lancet Psychiatry</i> , the, 2021, 8, 947-948.	3.7	4
13	The effects of amphetamines alone and in combination with alcohol on functional neurocognition: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 865-881.	2.9	5
14	Neurotrophins as a reliable biomarker for brain function, structure and cognition: A systematic review and meta-analysis. <i>Neurobiology of Learning and Memory</i> , 2020, 175, 107298.	1.0	20
15	Accuracy of the Securetec DrugWipe 6s Ketamine device in detecting acute and residual salivary ketamine following a stepwise intravenous treatment protocol. <i>Journal of the Canadian Society of Forensic Science</i> , 2020, 53, 1-12.	0.7	1
16	A polyphenol rich sugarcane extract as a modulator for inflammation and neurological disorders. <i>PharmaNutrition</i> , 2020, 12, 100187.	0.8	9
17	The Role of Dispositional Mindfulness and Emotional Intelligence in Adolescent Males. <i>Mindfulness</i> , 2019, 10, 159-167.	1.6	21
18	Risky driving behaviours among stimulant drug users and the role of aggression: findings from a national survey. <i>Addiction</i> , 2019, 114, 2187-2196.	1.7	5

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19	Increased Posterior Cingulate Functional Connectivity Following 6-Month High-Dose B-Vitamin Multivitamin Supplementation: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Frontiers in Nutrition</i> , 2019, 6, 156.	1.6	3
20	Gaze entropy measures detect alcohol-induced driver impairment. <i>Drug and Alcohol Dependence</i> , 2019, 204, 107519.	1.6	20
21	Higher plasma levels of F <sub>2</sub> -isoprostanes are associated with slower psychomotor speed in healthy older adults. <i>Free Radical Research</i> , 2019, 53, 377-386.	1.5	3
22	Gaze Entropy Measures Reveal Alcohol-Induced Visual Scanning Impairment During Ascending and Descending Phases of Intoxication. <i>Journal of Studies on Alcohol and Drugs</i> , 2019, 80, 236-244.	0.6	6
23	Neurocognitive performance under combined regimens of ketamine-dexmedetomidine and ketamine-fentanyl in healthy adults: A randomised trial. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109647.	2.5	4
24	Differentiating the contributions of emotional intelligence and resilience on adolescent male scholastic performance. <i>Personality and Individual Differences</i> , 2019, 145, 75-81.	1.6	19
25	Effects of sustained cognitive activity on white matter microstructure and cognitive outcomes in healthy middle-aged adults: A systematic review. <i>Ageing Research Reviews</i> , 2019, 51, 35-47.	5.0	12
26	Eye-Blink Parameters Detect On-Road Track-Driving Impairment Following Severe Sleep Deprivation. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1271-1284.	1.4	26
27	Driving Simulator Performance After Administration of Analgesic Doses of Ketamine With Dexmedetomidine or Fentanyl. <i>Journal of Clinical Psychopharmacology</i> , 2019, 39, 446-454.	0.7	5
28	A review of gaze entropy as a measure of visual scanning efficiency. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 96, 353-366.	2.9	92
29	Green teens: Investigating the role of emotional intelligence in adolescent environmentalism. <i>Personality and Individual Differences</i> , 2019, 138, 225-230.	1.6	24
30	Neurocognitive and behavioural performance of healthy volunteers receiving an increasing analgesic-range infusion of ketamine. <i>Psychopharmacology</i> , 2018, 235, 1273-1282.	1.5	9
31	Impaired verbal episodic memory in healthy older adults is marked by increased F <sub>2</sub> -isoprostanes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 129, 32-37.	1.0	15
32	Stationary gaze entropy predicts lane departure events in sleep-deprived drivers. <i>Scientific Reports</i> , 2018, 8, 2220.	1.6	58
33	Detection of delta-9-tetrahydrocannabinol (THC) in oral fluid, blood and urine following oral consumption of low-content THC hemp oil. <i>Forensic Science International</i> , 2018, 284, 101-106.	1.3	10
34	Does Emotional Intelligence Mediate the Relation Between Mindfulness and Anxiety and Depression in Adolescents?. <i>Frontiers in Psychology</i> , 2018, 9, 2463.	1.1	21
35	The Effect of a High-Dose Vitamin B Multivitamin Supplement on the Relationship between Brain Metabolism and Blood Biomarkers of Oxidative Stress: A Randomized Control Trial. <i>Nutrients</i> , 2018, 10, 1860.	1.7	60
36	The acute and residual effects of escalating, analgesic-range doses of ketamine on driving performance: A simulator study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 83-88.	2.5	9

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37	Trait and state anxiety is marked by increased working memory-related parietal BOLD signal. <i>Psychiatry Research - Neuroimaging</i> , 2018, 278, 92-97.	0.9	6
38	Editorial: Asleep at the Wheel: Concerning Driving after Co-Consumption of Alcohol and Benzodiazepines. <i>Current Drug Abuse Reviews</i> , 2018, 10, 4-5.	3.4	1
39	When should the driver with a history of substance misuse be allowed to return to the wheel? A review of the substance misuse section of the Australian national guidelines. <i>Internal Medicine Journal</i> , 2018, 48, 908-915.	0.5	5
40	Cannabis: An Overview of its Adverse Acute and Chronic Effects and its Implications. <i>Current Drug Abuse Reviews</i> , 2018, 10, 6-18.	3.4	54
41	Psychomotor Tremor and Proprioceptive Control Problems in Current and Former Stimulant Drug Users: An Accelerometer Study of Heavy Users of Amphetamine, MDMA, and Other Recreational Stimulants. <i>Journal of Clinical Pharmacology</i> , 2017, 57, 1330-1337.	1.0	13
42	Psychoactive drug influences on hair cortisol. <i>Psychoneuroendocrinology</i> , 2017, 81, 159.	1.3	4
43	Recreational stimulants, herbal, and spice cannabis: The core psychobiological processes that underlie their damaging effects. <i>Human Psychopharmacology</i> , 2017, 32, e2594.	0.7	9
44	Reduced inattention and hyperactivity and improved cognition after marine oil extract (PCSO-524®) supplementation in children and adolescents with clinical and subclinical symptoms of attention-deficit hyperactivity disorder (ADHD): a randomised, double-blind, placebo-controlled trial. <i>Psychopharmacology</i> , 2017, 234, 403-420.	1.5	21
45	Social and emotional loneliness and self-reported difficulty initiating and maintaining sleep (<sc>DIMS</sc>) in a sample of Norwegian university students. <i>Scandinavian Journal of Psychology</i> , 2017, 58, 91-99.	0.8	30
46	DSM-5 Tobacco Use Disorder and Sleep Disturbance: Findings from the National Epidemiologic Survey on Alcohol and Related Conditions-III (NESARC-III). <i>Substance Use and Misuse</i> , 2017, 52, 1859-1870.	0.7	14
47	DSM-5 cannabis use disorder, substance use and DSM-5 specific substance-use disorders: Evaluating comorbidity in a population-based sample. <i>European Neuropsychopharmacology</i> , 2017, 27, 732-743.	0.3	36
48	Recreational 3,4-methylenedioxymethamphetamine or "ecstasy": Current perspective and future research prospects. <i>Journal of Psychopharmacology</i> , 2017, 31, 959-966.	2.0	15
49	Emotional intelligence and risky driving behaviour in adults. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 49, 124-131.	1.8	45
50	Systematic Overview of Bacopa monnieri (L.) Wettst. Dominant Poly-Herbal Formulas in Children and Adolescents. <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 86.	0.7	15
51	Driving Impairment Due to Propofol at Effect-Site Concentrations Relevant after Short Propofol-Only Sedation. <i>Anaesthesia and Intensive Care</i> , 2016, 44, 696-703.	0.2	7
52	Amphetamine-type stimulant use and the risk of injury or death as a result of a road-traffic accident: A systematic review of observational studies. <i>European Neuropsychopharmacology</i> , 2016, 26, 901-922.	0.3	19
53	Cognitive training and Bacopa monnieri: Evidence for a combined intervention to alleviate age associated cognitive decline. <i>Medical Hypotheses</i> , 2016, 95, 71-76.	0.8	6
54	A systematic review of the Ayurvedic medicinal herb Bacopa monnieri in child and adolescent populations. <i>Complementary Therapies in Medicine</i> , 2016, 29, 56-62.	1.3	23

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55	The utility of automated measures of ocular metrics for detecting driver drowsiness during extended wakefulness. <i>Accident Analysis and Prevention</i> , 2016, 87, 127-133.	3.0	55
56	The Standardized Field Sobriety Tests (SFST) and measures of cognitive functioning. <i>Accident Analysis and Prevention</i> , 2016, 86, 90-98.	3.0	12
57	Slow eyelid closure as a measure of driver drowsiness and its relationship to performance. <i>Traffic Injury Prevention</i> , 2016, 17, 251-257.	0.6	35
58	Online cognitive training in healthy older adults: a preliminary study on the effects of single versus multi-domain training. <i>Translational Neuroscience</i> , 2015, 6, 13-19.	0.7	28
59	Cannabis Concerns: Increased Potency, Availability and Synthetic Analogues. <i>Current Drug Abuse Reviews</i> , 2015, 7, 67-68.	3.4	6
60	The Green Light on Ketamine: Considerations for On-Road Safety. <i>Current Drug Abuse Reviews</i> , 2015, 8, 1-2.	3.4	4
61	Reduced memory skills and increased hair cortisol levels in recent Ecstasy/MDMA users: significant but independent neurocognitive and neurohormonal deficits. <i>Human Psychopharmacology</i> , 2015, 30, 199-207.	0.7	17
62	Quitters Never Sleep: The Effect of Nicotine Withdrawal Upon Sleep. <i>Current Drug Abuse Reviews</i> , 2015, 8, 73-74.	3.4	1
63	Drivers' Visual Scanning Impairment Under the Influences of Alcohol and Distraction: A Literature Review. <i>Current Drug Abuse Reviews</i> , 2015, 7, 174-182.	3.4	11
64	Driving while Hungover: The Necessity of Biomarkers of the Alcohol Hangover State. <i>Current Drug Abuse Reviews</i> , 2014, 7, 1-2.	3.4	3
65	Wild state secrets: ultra-sensitive measurement of micro-movement can reveal internal processes in animals. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 582-587.	1.9	43
66	Reducing occupational stress with a B-vitamin focussed intervention: a randomized clinical trial: study protocol. <i>Nutrition Journal</i> , 2014, 13, 122.	1.5	12
67	An Acute, Double-Blind, Placebo-Controlled Cross-over Study of 320mg and 640mg Doses of <i>Bacopa monnieri</i> (CDRI 08) on Multitasking Stress Reactivity and Mood. <i>Phytotherapy Research</i> , 2014, 28, 551-559.	2.8	64
68	Scholastic Success. <i>Canadian Journal of School Psychology</i> , 2014, 29, 40-53.	1.6	29
69	Emotional Intelligence and scholastic achievement in pre-adolescent children. <i>Personality and Individual Differences</i> , 2014, 65, 14-18.	1.6	50
70	Altered energy production, lowered antioxidant potential, and inflammatory processes mediate CNS damage associated with abuse of the psychostimulants MDMA and methamphetamine. <i>European Journal of Pharmacology</i> , 2014, 727, 125-129.	1.7	31
71	Understanding non-work presenteeism: Relationships between emotional intelligence, boredom, procrastination and job stress. <i>Personality and Individual Differences</i> , 2014, 65, 86-90.	1.6	74
72	Emotional intelligence, victimisation, bullying behaviours and attitudes. <i>Learning and Individual Differences</i> , 2014, 36, 194-200.	1.5	37

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73	The acute effect of flavonoid-rich apples and nitrate-rich spinach on cognitive performance and mood in healthy men and women. <i>Food and Function</i> , 2014, 5, 849-858.	2.1	53
74	MDMA, cortisol, and heightened stress in recreational ecstasy users. <i>Behavioural Pharmacology</i> , 2014, 25, 458-472.	0.8	30
75	A magnetic resonance spectroscopy (1H MRS) investigation into brain metabolite correlates of ability emotional intelligence. <i>Personality and Individual Differences</i> , 2014, 65, 69-74.	1.6	6
76	Increased cortisol levels in hair of recent Ecstasy/MDMA users. <i>European Neuropsychopharmacology</i> , 2014, 24, 369-374.	0.3	32
77	Associations Between Social Anxiety and Emotional Intelligence Within Clinically Depressed Patients. <i>Psychiatric Quarterly</i> , 2013, 84, 513-521.	1.1	17
78	An Acute, Double-blind, Placebo-controlled Crossover Study of 320mg and 640mg Doses of a Special Extract of <i>Bacopa monnieri</i> (CDRI 08) on Sustained Cognitive Performance. <i>Phytotherapy Research</i> , 2013, 27, 1407-1413.	2.8	57
79	The effects of cannabis and alcohol on simulated driving: Influences of dose and experience. <i>Accident Analysis and Prevention</i> , 2013, 50, 879-886.	3.0	179
80	Examining the cognitive effects of a special extract of <i>Bacopa monniera</i> (CDRI08: Keenmnd): A review of ten years of research at Swinburne University. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 254.	0.9	21
81	Cognitive Function in Ecstasy Naive Abstinent Drug Dependents and MDMA Users. <i>Current Drug Abuse Reviews</i> , 2013, 6, 71-76.	3.4	7
82	The acute effects of d-amphetamine and d-methamphetamine on ERP components in humans. <i>European Neuropsychopharmacology</i> , 2012, 22, 492-500.	0.3	15
83	The effects of 90-day supplementation with the Omega-3 essential fatty acid docosahexaenoic acid (DHA) on cognitive function and visual acuity in a healthy aging population. <i>Neurobiology of Aging</i> , 2012, 33, 824.e1-824.e3.	1.5	68
84	Acute neurocognitive effects of epigallocatechin gallate (EGCG). <i>Appetite</i> , 2012, 58, 767-770.	1.8	107
85	Examining the effect of dl-3,4-methylenedioxymethamphetamine (MDMA) and methamphetamine on the standardized field sobriety tests. <i>Forensic Science International</i> , 2012, 220, e33-e36.	1.3	11
86	Detecting impairment associated with cannabis with and without alcohol on the Standardized Field Sobriety Tests. <i>Psychopharmacology</i> , 2012, 224, 581-589.	1.5	20
87	The effect of d-methamphetamine on simulated driving performance. <i>Human Psychopharmacology</i> , 2012, 27, 139-144.	0.7	8
88	The acute effects of 3,4-methylenedioxymethamphetamine and d-methamphetamine on human cognitive functioning. <i>Psychopharmacology</i> , 2012, 220, 799-807.	1.5	20
89	The acute effects of 3,4-methylenedioxymethamphetamine and methamphetamine on driving: A simulator study. <i>Accident Analysis and Prevention</i> , 2012, 45, 493-497.	3.0	33
90	Brief report: Emotional intelligence, victimisation and bullying in adolescents. <i>Journal of Adolescence</i> , 2012, 35, 207-211.	1.2	79

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91	The effect of d,l-methamphetamine on simulated driving performance. <i>Psychopharmacology</i> , 2012, 219, 1081-1087.	1.5	9
92	Improving general intelligence with a nutrient-based pharmacological intervention. <i>Intelligence</i> , 2011, 39, 100-107.	1.6	9
93	Recruitment Consultant Revenue: Relationships with IQ, personality, and emotional intelligence. <i>International Journal of Selection and Assessment</i> , 2011, 19, 280-286.	1.7	19
94	The contribution of fatigue and sleepiness to depression in patients attending the sleep laboratory for evaluation of obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011, 15, 439-445.	0.9	42
95	The effect of 90% day administration of a high dose vitamin B-complex on work stress. <i>Human Psychopharmacology</i> , 2011, 26, 470-476.	0.7	48
96	Investigating the mediating effects of emotional intelligence and coping on problem behaviours in adolescents. <i>Australian Journal of Psychology</i> , 2010, 62, 20-29.	1.4	100
97	Examining the neural correlates of choice behavior in a gambling task using steady state topography.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2010, 3, 46-57.	0.4	3
98	Emotional Intelligence in Sport: Theoretical Linkages and Preliminary Empirical Relationships from Basketball. <i>Plenum Series on Human Exceptionality</i> , 2009, , 291-305.	2.0	5
99	Examining the nootropic effects of a special extract of <i>Bacopa monniera</i> on human cognitive functioning: 90 day double-blind placebo-controlled randomized trial. <i>Phytotherapy Research</i> , 2008, 22, 1629-1634.	2.8	116
100	Emotional intelligence and scholastic achievement in Australian adolescents. <i>Australian Journal of Psychology</i> , 2008, 60, 10-17.	1.4	68
101	An examination of the effects of the antioxidant Pycnogenol® on cognitive performance, serum lipid profile, endocrinological and oxidative stress biomarkers in an elderly population. <i>Journal of Psychopharmacology</i> , 2008, 22, 553-562.	2.0	103
102	The relationship between emotional intelligence and depression in a clinical sample. <i>European Journal of Psychiatry</i> , 2008, 22, .	0.7	60
103	The development of an adolescent measure of EI. <i>Personality and Individual Differences</i> , 2007, 42, 999-1009.	1.6	43
104	Examining the relationship between leadership, emotional intelligence and intuition in senior female managers. <i>Leadership and Organization Development Journal</i> , 2006, 27, 250-264.	1.6	75
105	The Impact of Social Desirability and Expectation of Feedback on Emotional Intelligence in the Workplace. <i>E-Journal of Applied Psychology</i> , 2006, 2, .	0.3	5
106	The chronic effects of an extract of <i>Bacopa monniera</i> (Brahmi) on cognitive function in healthy human subjects. <i>Psychopharmacology</i> , 2001, 156, 481-484.	1.5	252
107	The acute effects of an extract of <i>Bacopa monniera</i> (Brahmi) on cognitive function in healthy normal subjects. <i>Human Psychopharmacology</i> , 2001, 16, 345-351.	0.7	85