

Gary D Grant

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3628408/publications.pdf>

Version: 2024-02-01

99
papers

9,814
citations

257450

24
h-index

51608

86
g-index

101
all docs

101
docs citations

101
times ranked

22334
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Cellular Effects of Pyocyanin, a Secreted Virulence Factor of <i>Pseudomonas aeruginosa</i> . <i>Toxins</i> , 2016, 8, 236.	3.4	269
4	Molecular Mechanisms Underlying the Effects of Statins in the Central Nervous System. <i>International Journal of Molecular Sciences</i> , 2014, 15, 20607-20637.	4.1	133
5	A review of the bioactivity of coffee, caffeine and key coffee constituents on inflammatory responses linked to depression. <i>Food Research International</i> , 2015, 76, 626-636.	6.2	82
6	The effects of different doses of caffeine on endurance cycling time trial performance. <i>Journal of Sports Sciences</i> , 2012, 30, 115-120.	2.0	78
7	Caffeine withdrawal and high-intensity endurance cycling performance. <i>Journal of Sports Sciences</i> , 2011, 29, 509-515.	2.0	73
8	Caffeine, Cycling Performance, and Exogenous CHO Oxidation. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1744-1751.	0.4	63
9	Caffeic acid attenuates lipopolysaccharide-induced sickness behaviour and neuroinflammation in mice. <i>Neuroscience Letters</i> , 2016, 632, 218-223.	2.1	63
10	Pyocyanin-induced toxicity in A549 respiratory cells is causally linked to oxidative stress. <i>Toxicology in Vitro</i> , 2011, 25, 1353-1358.	2.4	50
11	The In Vitro Elution Characteristics of Vancomycin from Tendons. <i>Clinical Orthopaedics and Related Research</i> , 2011, 469, 2948-2952.	1.5	49
12	Women Experience the Same Ergogenic Response to Caffeine as Men. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1195-1202.	0.4	46
13	Forecasting elasmobranch survival following exposure to severe stressors. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 101-112.	1.8	41
14	Efficacy of telemedicine on glycaemic control in patients with type 2 diabetes: A meta-analysis. <i>World Journal of Diabetes</i> , 2021, 12, 170-197.	3.5	39
15	Menaquinone biosynthesis inhibition: a review of advancements toward a new antibiotic mechanism. <i>RSC Advances</i> , 2018, 8, 5099-5105.	3.6	38
16	Inhibition of autophagy by 3-methyladenine protects 1321N1 astrocytoma cells against pyocyanin- and 1-hydroxyphenazine-induced toxicity. <i>Archives of Toxicology</i> , 2012, 86, 275-284.	4.2	36
17	Caffeine consumption around an exercise bout: effects on energy expenditure, energy intake, and exercise enjoyment. <i>Journal of Applied Physiology</i> , 2014, 117, 745-754.	2.5	36
18	Differences in statin associated neuroprotection corresponds with either decreased production of IL-1 β or TNF- α in an in vitro model of neuroinflammation-induced neurodegeneration. <i>Toxicology and Applied Pharmacology</i> , 2018, 344, 56-73.	2.8	36

#	ARTICLE	IF	CITATIONS
19	Effects of Pseudomonas Aeruginosa Virulence Factor Pyocyanin on Human Urothelial Cell Function and Viability. Journal of Urology, 2012, 187, 1087-1093.	0.4	30
20	Central cholinergic pathway involvement in the regulation of pupil diameter, blink rate and cognitive function. Neuroscience, 2016, 334, 180-190.	2.3	30
21	Possible involvement of metformin in downregulation of neuroinflammation and associated behavioural changes in mice. Inflammopharmacology, 2019, 27, 941-948.	3.9	30
22	Indoleamine-2,3-dioxygenase elevated in tumor-initiating cells is suppressed by mitocans. Free Radical Biology and Medicine, 2014, 67, 41-50.	2.9	27
23	Effect of coffee constituents, caffeine and caffeic acid on anxiety and lipopolysaccharide-induced sickness behavior in mice. Journal of Functional Foods, 2020, 64, 103638.	3.4	27
24	The Effects of Red Bull Energy Drink Compared with Caffeine on Cycling Time-Trial Performance. International Journal of Sports Physiology and Performance, 2015, 10, 897-901.	2.3	26
25	Alterations in acetylcholine, PGE2 and IL6 release from urothelial cells following treatment with pyocyanin and lipopolysaccharide. Toxicology in Vitro, 2013, 27, 1693-1698.	2.4	25
26	Appraising the role of the virtual patient for therapeutics health education. Currents in Pharmacy Teaching and Learning, 2017, 9, 934-944.	1.0	25
27	Î±-Tocopheryloxyacetic acid is superior to Î±-tocopheryl succinate in suppressing HER2-high breast carcinomas due to its higher stability. International Journal of Cancer, 2012, 131, 1052-1058.	5.1	22
28	Student Engagement in Pharmacology Courses Using Online Learning Tools. American Journal of Pharmaceutical Education, 2013, 77, 125.	2.1	22
29	Non-invasive approaches to functional recovery after spinal cord injury: Therapeutic targets and multimodal device interventions. Experimental Neurology, 2021, 339, 113612.	4.1	22
30	Design, synthesis and bioactivity evaluation of novel pyrazole linked phenylthiazole derivatives in context of antibacterial activity. Bioorganic and Medicinal Chemistry Letters, 2021, 39, 127853.	2.2	22
31	Title is missing!. Journal of Chemical Crystallography, 1999, 29, 435-447.	1.1	21
32	Extemporaneous Isoniazid Mixture: Stability Implications. Journal of Pharmacy Practice and Research, 2005, 35, 181-182.	0.8	19
33	Coffee for morning hunger pangs. An examination of coffee and caffeine on appetite, gastric emptying, and energy intake. Appetite, 2014, 83, 317-326.	3.7	19
34	Caprazamycins: Promising lead structures acting on a novel antibacterial target MraY. European Journal of Medicinal Chemistry, 2019, 171, 462-474.	5.5	19
35	Biliverdin and bilirubin sulfonate inhibit monosodium urate induced sterile inflammation in the rat. European Journal of Pharmaceutical Sciences, 2020, 155, 105546.	4.0	19
36	A pilot study assessing the value of 3D printed molecular modelling tools for pharmacy student education. Currents in Pharmacy Teaching and Learning, 2017, 9, 723-728.	1.0	19

#	ARTICLE	IF	CITATIONS
37	The effects of antihistamines with varying anticholinergic properties on voluntary and involuntary movement. <i>Clinical Neurophysiology</i> , 2013, 124, 1840-1845.	1.5	18
38	Quorum Sensing Negatively Regulates Multinucleate Cell Formation during Intracellular Growth of <i>Burkholderia pseudomallei</i> in Macrophage-Like Cells. <i>PLoS ONE</i> , 2013, 8, e63394.	2.5	18
39	Effect of 8-weeks prebiotics/probiotics supplementation on alcohol metabolism and blood biomarkers of healthy adults: a pilot study. <i>European Journal of Nutrition</i> , 2018, 57, 1523-1534.	3.9	18
40	Caffeine content of pre-workout supplements commonly used by Australian consumers. <i>Drug Testing and Analysis</i> , 2019, 11, 523-529.	2.6	18
41	Epothilone D inhibits microglia-mediated spread of alpha-synuclein aggregates. <i>Molecular and Cellular Neurosciences</i> , 2018, 89, 80-94.	2.2	17
42	Remedial effects of caffeine against depressive-like behaviour in mice by modulation of neuroinflammation and BDNF. <i>Nutritional Neuroscience</i> , 2022, 25, 1836-1844.	3.1	16
43	Low dosage promethazine and loratadine negatively affect neuromotor function. <i>Clinical Neurophysiology</i> , 2012, 123, 780-786.	1.5	15
44	Glycemic response to carbohydrate and the effects of exercise and protein. <i>Nutrition</i> , 2013, 29, 881-885.	2.4	15
45	Paradoxical Role of 3-Methyladenine in Pyocyanin-Induced Toxicity in 1321N1 Astrocytoma and SH-SY5Y Neuroblastoma Cells. <i>International Journal of Toxicology</i> , 2013, 32, 209-218.	1.2	15
46	Effect of Coffee in Lipopolysaccharide-Induced Indoleamine 2,3-Dioxygenase Activation and Depressive-like Behavior in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8745-8754.	5.2	15
47	Manipulations to the Alcohol and Sodium Content of Beer for Postexercise Rehydration. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2015, 25, 262-270.	2.1	13
48	Pyocyanin inhibits both nitric oxide-dependent and -independent relaxation in porcine coronary arteries. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 186-191.	1.9	13
49	Investigating the Convergent Mechanisms between Major Depressive Disorder and Parkinson's Disease. <i>Complex Psychiatry</i> , 2020, 6, 47-61.	0.9	13
50	Benefits of e-learning in chemotherapy pharmacology education. <i>Currents in Pharmacy Teaching and Learning</i> , 2015, 7, 106-111.	1.0	12
51	Bioactive Constituents in Caffeinated and Decaffeinated Coffee and Their Effect on the Risk of Depression: A Comparative Constituent Analysis Study. <i>Beverages</i> , 2018, 4, 79.	2.8	12
52	Virtualized Gamified Pharmacy Simulation during COVID-19. <i>Pharmacy (Basel, Switzerland)</i> , 2022, 10, 41.	1.6	11
53	ERK1/2 activation modulates pyocyanin-induced toxicity in A549 respiratory epithelial cells. <i>Chemico-Biological Interactions</i> , 2014, 208, 58-63.	4.0	10
54	Anticholinergic activity in the nervous system: Consequences for visuomotor function. <i>Physiology and Behavior</i> , 2017, 170, 6-11.	2.1	10

#	ARTICLE	IF	CITATIONS
55	Three consecutive nights of sleep loss: Effects of morning caffeine consumption on subjective sleepiness/alertness, reaction time and simulated driving performance. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 70, 124-134.	3.7	10
56	Pharmacodynamics of ceftriaxone for the treatment of methicillinâ€susceptible <i>Staphylococcus aureus</i> : is it a viable treatment option?. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106537.	2.5	10
57	Pyocyanin induces systemic oxidative stress, inflammation and behavioral changes <i>in vivo</i> . <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 410-414.	2.7	9
58	A Comparative Study to Evaluate the Educational Impact of E-Learning Tools on Griffith University Pharmacy Studentsâ€™ Level of Understanding Using Bloomâ€™s and SOLO Taxonomies. <i>Education Research International</i> , 2014, 2014, 1-11.	1.1	8
59	Drowsiness and motor responses to consecutive daily doses of promethazine and loratadine. <i>Clinical Neurophysiology</i> , 2014, 125, 2390-2396.	1.5	8
60	Modulation of chemotherapy-induced cytotoxicity in SH-SY5Y neuroblastoma cells by caffeine and chlorogenic acid. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 363-369.	2.7	8
61	Medications influencing central cholinergic neurotransmission affect saccadic and smooth pursuit eye movements in healthy young adults. <i>Psychopharmacology</i> , 2017, 234, 63-71.	3.1	8
62	Experiential Learning in a Gamified Pharmacy Simulation: A Qualitative Exploration Guided by Semantic Analysis. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 81.	1.6	8
63	Factors influencing acceptance of robotics in hospital pharmacy: a longitudinal study using the Extended Technology Acceptance Model. <i>International Journal of Pharmacy Practice</i> , 2020, 28, 483-490.	0.6	7
64	Pharmacokinetics of bilirubin-10-sulfonate and biliverdin in the rat. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105684.	4.0	7
65	Pharmacists' self-perceptions in relation to the â€Advanced Pharmacy Practice Frameworkâ€™. <i>Research in Social and Administrative Pharmacy</i> , 2016, 12, 496-508.	3.0	6
66	Thioamide Derivative of the Potent Antitubercular 2-(Decylsulfonyl)acetamide is Less Active Against <i>Mycobacterium tuberculosis</i> , but a More Potent Antistaphylococcal Agent. <i>Australian Journal of Chemistry</i> , 2018, 71, 716.	0.9	6
67	Three New Spongian Diterpenes from the Marine Sponge <i>Dendrilla rosea</i> . <i>Australian Journal of Chemistry</i> , 2019, 72, 964.	0.9	6
68	Simplified Novel Muraymycin Analogues; using a Serine Template Strategy for Linking Key Pharmacophores. <i>ChemMedChem</i> , 2020, 15, 1429-1438.	3.2	6
69	The association of concussion history and symptom presentation in combat sport athletes. <i>Physical Therapy in Sport</i> , 2021, 48, 101-108.	1.9	6
70	Putative involvement of sirtuin modulators in LPS-induced sickness behaviour in mice. <i>Metabolic Brain Disease</i> , 2022, 37, 1969-1976.	2.9	6
71	Complete assignment of the ¹ H NMR data and reassignment of ¹³ C NMR data of four spongian diterpenes. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 1029-1035.	1.9	5
72	Australian pharmacy perspectives on increasing access to medicines through reclassification. <i>Journal of Health Services Research and Policy</i> , 2019, 24, 81-90.	1.7	5

#	ARTICLE	IF	CITATIONS
73	Can a virtual microbiology simulation be as effective as the traditional Wetlab for pharmacy student education?. BMC Medical Education, 2021, 21, 583.	2.4	5
74	The microbial contamination of pressurised metered-dose inhalers anonymously sourced from the South-East Queensland Australia community population. International Journal of Pharmacy Practice, 2012, 20, 129-133.	0.6	4
75	Medications influencing central cholinergic pathways affect fixation stability, saccadic response time and associated eye movement dynamics during a temporally-cued visual reaction time task. Psychopharmacology, 2017, 234, 671-680.	3.1	4
76	A time in motion study of impact of robotics on medication supply in an Australian hospital pharmacy. Journal of Pharmacy Practice and Research, 2021, 51, 129-136.	0.8	4
77	Integration of an extended, immersive, gamified pharmacy simulation as a capstone event. Pharmacy Education, 0, , 656-669.	0.6	4
78	Academic Performance and Personal Experience of Local, International, and Collaborative Exchange Students Enrolled in an Australian Pharmacy Program. American Journal of Pharmaceutical Education, 2013, 77, 148.	2.1	3
79	Stereoselective Approaches toward the Synthesis of Nucleoside Antibiotic Core Aminoribosyl Glycyluridine. European Journal of Organic Chemistry, 2019, 2019, 6005-6015.	2.4	3
80	An education on pharmacologically active complementary and alternative medicine and its effects on cancer treatment: literature review. Supportive Care in Cancer, 2022, 30, 3057-3072.	2.2	3
81	Learner attitudes towards a virtual microbiology simulation for pharmacy student education. Currents in Pharmacy Teaching and Learning, 2022, 14, 13-22.	1.0	3
82	Solidâ€Phase Microwaveâ€Assisted Ligandâ€Free Suzukiâ€Miyaura Crossâ€Coupling of 5â€iodouridine. ChemistrySelect, 2018, 3, 3187-3193.	1.5	2
83	Analysis of inpatient and high-risk medicine pharmacist interventions associated with insulin prescribing for hospital inpatients with diabetes. International Journal of Clinical Pharmacy, 2021, 43, 1420-1425.	2.1	2
84	Repurposing asynchronous video interview software for virtual pharmacy OSCEs during the COVID-19 pandemic. Pharmacy Education, 0, 21, 373-381.	0.6	2
85	THE EVALUATION OF EDUCATIONAL BENEFITS OF ONLINE LEARNING TOOLS ON STUDENT PERFORMANCE IN A MAJOR ASSESSMENT ITEM ACROSS TWO HIGHER EDUCATION INSTITUTIONS IN AUSTRALIA. INTED Proceedings, 2016, , .	0.0	2
86	Vestibular and oculomotor function in male combat sport athletes. Journal of Science and Medicine in Sport, 2022, , .	1.3	2
87	Interplay between adenosine receptor antagonist and cyclooxygenase inhibitor in haloperidol-induced extrapyramidal effects in mice. Metabolic Brain Disease, 2018, 33, 1045-1051.	2.9	1
88	Explorations in Mixed Reality with Learning and Teaching Frameworks: Lessons from Ludus and the Vulcan Academy. , 2019, , 103-122.		1
89	In vitro cytotoxicity of montelukast in HAPI and SH-SY5Y cells. Chemico-Biological Interactions, 2020, 326, 109134.	4.0	1
90	The Effects Of Prior Exercise And Protein Co-ingestion On The Glycemic Response To Carbohydrate.. Medicine and Science in Sports and Exercise, 2010, 42, 776-777.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Caffeine Withdrawal and High Intensity Endurance Cycling Performance.. Medicine and Science in Sports and Exercise, 2010, 42, 106.	0.4	0
92	Does Sex Mediate the Effects of Caffeine on Endurance Cycling Performance?. Medicine and Science in Sports and Exercise, 2014, 46, 740-741.	0.4	0
93	â€œDrugSpeakâ€™: Increasing pharmacy studentsâ€™ drug pronunciation proficiency. Medical Education, 2020, 54, 443-444.	2.1	0
94	Coffee For Morning Hunger Pangs. Medicine and Science in Sports and Exercise, 2014, 46, 14.	0.4	0
95	Development of an antidepressant e-learning tool for pharmacology education. , 2017, , 119-124.		0
96	OUP accepted manuscript. International Journal of Pharmacy Practice, 2022, , .	0.6	0
97	Assessing the acceptance of augmentedâ€™reality and headâ€™mounted display in medicine counselling. Journal of Pharmacy Practice and Research, 0, , .	0.8	0
98	Impact of the â€œDrugSpeakâ€™ programme on drug name pronunciation skills and perceptions in a pharmacy student cohort. Pharmacy Education, 2022, 22, 348-359.	0.6	0
99	Cervical spine characteristics differ in competitive combat athletes compared with active control participants. Musculoskeletal Science and Practice, 2022, 61, 102614.	1.3	0