

Carine Smith

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,006
citations

279798

23
h-index

276875

41
g-index

76
all docs

76
docs citations

76
times ranked

3307
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective and anxiolytic potential of green rooibos (<i>Aspalathus linearis</i>) polyphenolic extract. <i>Food and Function</i> , 2022, 13, 91-101.	4.6	11
2	Alterations to microbial secretome by estrogen may contribute to sex bias in irritable bowel syndrome. <i>Inflammopharmacology</i> , 2022, 30, 267-281.	3.9	4
3	Ex vivo tolerization and M2 polarization of macrophages dampens both pro- and anti-inflammatory cytokine production in response to diabetic wound fluid stimulation. <i>Biochimie</i> , 2022, 196, 143-152.	2.6	3
4	Therapeutic Benefit in Rheumatoid Cachexia Illustrated Using a Novel Primary Human Triple Cell Coculture Model. <i>International Journal of Inflammation</i> , 2022, 2022, 1-14.	1.5	1
5	Rooibos (<i>Aspalathus linearis</i>) alters secretome trace amine profile of probiotic and commensal microbes in vitro. <i>Journal of Ethnopharmacology</i> , 2022, 297, 115548.	4.1	4
6	Targeting Stem Cells in Chronic Inflammatory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 163-181.	1.6	5
7	Rheumatoid cachexia: the underappreciated role of myoblast, macrophage and fibroblast interplay in the skeletal muscle niche. <i>Journal of Biomedical Science</i> , 2021, 28, 15.	7.0	10
8	Therapeutic Application of Lantibiotics and Other Lanthipeptides: Old and New Findings. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0018621.	3.1	29
9	Unresolved intramuscular inflammation, not diminished skeletal muscle regenerative capacity, is at the root of rheumatoid cachexia: insights from a rat CIA model. <i>Physiological Reports</i> , 2021, 9, e151119.	1.7	1
10	Effect of a Multi-Species Probiotic on the Colonisation of Salmonella in Broilers. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 896-905.	3.9	21
11	The trace aminergic system: a gender-sensitive therapeutic target for IBS?. <i>Journal of Biomedical Science</i> , 2020, 27, 95.	7.0	17
12	In utero Exposure to Maternal Chronic Inflammation Transfers a Pro-Inflammatory Profile to Generation F2 via Sex-Specific Mechanisms. <i>Frontiers in Immunology</i> , 2020, 11, 48.	4.8	8
13	d-galactose: a model of accelerated ageing sufficiently sensitive to reflect preventative efficacy of an antioxidant treatment. <i>Biogerontology</i> , 2020, 21, 745-761.	3.9	3
14	Accelerated ageing profile in inflammatory arthritis is unique and tissue compartment specific. <i>Inflammopharmacology</i> , 2020, 28, 967-977.	3.9	3
15	Anxiety: An overlooked confounder in the characterisation of chronic stress-related conditions?. <i>PLoS ONE</i> , 2020, 15, e0230053.	2.5	6
16	Cyanidin-3-O-glucoside inhibits different enzymes involved in central nervous system pathologies and type-2 diabetes. <i>South African Journal of Botany</i> , 2019, 120, 241-246.	2.5	36
17	Migration of Bacteriocins Across Gastrointestinal Epithelial and Vascular Endothelial Cells, as Determined Using In Vitro Simulations. <i>Scientific Reports</i> , 2019, 9, 11481.	3.3	36
18	Effects of Redox Disturbances on Motility, Contractility and Muscle Tissue Pathogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	1

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19	Chronic Gestational Inflammation: Transfer of Maternal Adaptation over Two Generations of Progeny. <i>Mediators of Inflammation</i> , 2019, 2019, 1-16.	3.0	6
20	Functional Expression of GFP-Fused Class I Lanthipeptides in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 2220-2227.	3.8	12
21	Redox Status and Muscle Pathology in Rheumatoid Arthritis: Insights from Various Rat Hindlimb Muscles. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	14
22	C-Reactive Protein Is Elevated Only in High Creatine Kinase Responders to Muscle Damaging Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 86.	2.8	28
23	Harnessing Macrophages for Controlled-Release Drug Delivery: Lessons From Microbes. <i>Frontiers in Pharmacology</i> , 2019, 10, 22.	3.5	28
24	Polyphenol-associated oxidative stress and inflammation in a model of LPS-induced inflammation in glial cells: do we know enough for responsible compounding?. <i>Inflammopharmacology</i> , 2019, 27, 189-197.	3.9	16
25	Are polyphenol antioxidants at the root of medicinal plant anti-cancer success?. <i>Journal of Ethnopharmacology</i> , 2019, 229, 54-72.	4.1	79
26	Immunomodulatory effects of <i>Sceletium tortuosum</i> (Trimesemine [®] , [†]) elucidated in vitro : Implications for chronic disease. <i>Journal of Ethnopharmacology</i> , 2018, 214, 134-140.	4.1	18
27	Natural antioxidants in prevention of accelerated ageing: a departure from conventional paradigms required. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 549-558.	3.0	18
28	<i>Sceletium tortuosum</i> may delay chronic disease progression via alkaloid-dependent antioxidant or anti-inflammatory action. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 539-547.	3.0	20
29	Development of a transendothelial shuttle by macrophage modification. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1889-e1898.	2.7	6
30	Central intracrine DHEA synthesis in ageing-related neuroinflammation and neurodegeneration: therapeutic potential?. <i>Journal of Neuroinflammation</i> , 2018, 15, 289.	7.2	14
31	A Review: The Fate of Bacteriocins in the Human Gastro-Intestinal Tract: Do They Cross the Gut-Blood Barrier?. <i>Frontiers in Microbiology</i> , 2018, 9, 2297.	3.5	112
32	<i>Aspalathus linearis</i> (Rooibos) – a functional food targeting cardiovascular disease. <i>Food and Function</i> , 2018, 9, 5041-5058.	4.6	36
33	Regulation of redox status in neuronal SH-SY5Y cells by blueberry (<i>Vaccinium myrtillus</i> L.) juice, cranberry (<i>Vaccinium macrocarpon</i> A.) juice and cyanidin. <i>Food and Chemical Toxicology</i> , 2018, 118, 572-580.	3.6	29
34	Sour cherry (<i>Prunus cerasus</i> L.) juice protects against hydrogen peroxide-induced neurotoxicity by modulating the antioxidant response. <i>Journal of Functional Foods</i> , 2018, 46, 243-249.	3.4	5
35	Grape polyphenols corrects ageing-related detriments in neutrophil functionality via modulation of specific molecular targets. <i>Inflammopharmacology</i> , 2018, 26, 1349-1358.	3.9	13
36	Anti-inflammatory cellular targets on neutrophils elucidated using a novel cell migration model and confocal microscopy: a clinical supplementation study. <i>Journal of Inflammation</i> , 2018, 15, 2.	3.4	5

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37	Anthocyanin profile, antioxidant activity and enzyme inhibiting properties of blueberry and cranberry juices: a comparative study. <i>Food and Function</i> , 2017, 8, 4187-4193.	4.6	65
38	Safety assessment of antibiotic and probiotic feed additives for <i>Gallus gallus domesticus</i> . <i>Scientific Reports</i> , 2017, 7, 12767.	3.3	25
39	Ageing-Associated Oxidative Stress and Inflammation Are Alleviated by Products from Grapes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	71
40	Rooibos (<i>Aspalathus linearis</i>) facilitates an anti-inflammatory state, modulating IL-6 and IL-10 while not inhibiting the acute glucocorticoid response to a mild novel stressor in vivo. <i>Journal of Functional Foods</i> , 2016, 27, 42-54.	3.4	22
41	Bioactive and functional properties of sour cherry juice (<i>Prunus cerasus</i>). <i>Food and Function</i> , 2016, 7, 4675-4682.	4.6	38
42	Efficacy of Lantibiotic Treatment of <i>Staphylococcus aureus</i> -Induced Skin Infections, Monitored by <i>In Vivo</i> Bioluminescent Imaging. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3948-3955.	3.2	41
43	Neutrophil and monocyte responses to downhill running: Intracellular contents of MPO, IL-6, IL-10, pstat3, and SOCS3. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 638-647.	2.9	18
44	High-mesembrine <i>Sceletium</i> extract (<i>Trimesemine</i> , [®]) is a monoamine releasing agent, rather than only a selective serotonin reuptake inhibitor. <i>Journal of Ethnopharmacology</i> , 2016, 177, 111-116.	4.1	35
45	Modulation of glucocorticoid, mineralocorticoid and androgen production in H295 cells by <i>Trimesemine</i> , [®] , a mesembrine-rich <i>Sceletium</i> extract. <i>Journal of Ethnopharmacology</i> , 2016, 177, 35-45.	4.1	16
46	<i>Sutherlandia frutescens</i> may exacerbate HIV-associated neuroinflammation. <i>Journal of Negative Results in BioMedicine</i> , 2015, 14, 14.	1.4	12
47	Chronic <i>Prosopis glandulosa</i> Treatment Blunts Neutrophil Infiltration and Enhances Muscle Repair after Contusion Injury. <i>Nutrients</i> , 2015, 7, 815-830.	4.1	13
48	Adhesion of <i>Lactobacillus reuteri</i> strain Lr1 to equine epithelial cells and competitive exclusion of <i>Clostridium difficile</i> from the gastro-intestinal tract of horses. <i>Annals of Microbiology</i> , 2015, 65, 1087-1096.	2.6	12
49	Exercise and inflammation-related epigenetic modifications: focus on DNA methylation. <i>Exercise Immunology Review</i> , 2015, 21, 26-41.	0.4	86
50	Inhibition of Corticosteroid-Binding Globulin Gene Expression by Glucocorticoids Involves C/EBP β . <i>PLoS ONE</i> , 2014, 9, e110702.	2.5	18
51	<i>Hoodia gordonii</i> extract targets both adipose and muscle tissue to achieve weight loss in rats. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1284-1290.	4.1	13
52	Central and peripheral effects of <i>Sutherlandia frutescens</i> on the response to acute psychological stress. <i>Experimental Biology and Medicine</i> , 2014, 239, 123-128.	2.4	7
53	African drumming. <i>Journal of Cardiovascular Medicine</i> , 2014, 15, 441-446.	1.5	16
54	Contusion Injury with Chronic In vivo Polyphenol Supplementation. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 225-231.	0.4	17

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55	Rooibos influences glucocorticoid levels and steroid ratios in vivo and in vitro: <sc>A</sc> natural approach in the management of stress and metabolic disorders?. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 537-549.	3.3	18
56	Hoodia gordonii: To eat, or not to eat. <i>Journal of Ethnopharmacology</i> , 2014, 155, 987-991.	4.1	17
57	Influence of lifestyle choices on metabolic risk has distinct gender and age differences. <i>International Journal of Clinical and Experimental Physiology</i> , 2014, 1, 13.	0.0	3
58	The Effects of Continuous In Vivo Administration of Nisin on Staphylococcus aureus Infection and Immune Response in Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2013, 5, 279-286.	3.9	12
59	Evaluation of a Nisin-Eluting Nanofiber Scaffold To Treat Staphylococcus aureus-Induced Skin Infections in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3928-3935.	3.2	122
60	Postcontusion Polyphenol Treatment Alters Inflammation and Muscle Regeneration. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 872-880.	0.4	24
61	Lactobacillus equigenosus Strain Le1 Invades Equine Epithelial Cells. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4248-4255.	3.1	8
62	Accelerated skeletal muscle recovery after in vivo polyphenol administration. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1072-1079.	4.2	42
63	Effect of transportation on ostrich (Struthio camelus) weight loss and meat quality. <i>Animal Production Science</i> , 2012, 52, 1153.	1.3	9
64	The effects of Sceletium tortuosum in an in vivo model of psychological stress. <i>Journal of Ethnopharmacology</i> , 2011, 133, 31-36.	4.1	41
65	Daily brief restraint stress alters signaling pathways and induces atrophy and apoptosis in rat skeletal muscle. <i>Stress</i> , 2010, 13, 132-141.	1.8	23
66	Interplay of the Inflammatory and Stress Systems in a Hepatic Cell Line: Interactions between Glucocorticoid Receptor Agonists and Interleukin-6. <i>Endocrinology</i> , 2010, 151, 5279-5293.	2.8	22
67	Gender differences in metabolic risk factor prevalence in a South African student population. <i>Cardiovascular Journal of Africa</i> , 2009, 20, 178-82.	0.4	18
68	The Inflammatory Response to Skeletal Muscle Injury. <i>Sports Medicine</i> , 2008, 38, 947-969.	6.5	228
69	Illuminating the interrelated immune and endocrine adaptations after multiple exposures to short immobilization stress by in vivo blocking of IL-6. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1439-R1447.	1.8	17
70	Proanthocyanidin from grape seeds inactivates the PI3-kinase/PKB pathway and induces apoptosis in a colon cancer cell line. <i>Cancer Letters</i> , 2007, 258, 144-153.	7.2	122
71	Are the relationships between early activation of lymphocytes and cortisol or testosterone influenced by intensified cycling training in men?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 226-234.	1.9	10
72	Endocrine and Immune Effects of Dexamethasone in Unilateral Total Knee Replacement. <i>Journal of International Medical Research</i> , 2006, 34, 603-611.	1.0	40

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73	Mountain-bike Racing. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S238-S239.	0.4	0
74	The Effect of <i>Sutherlandia frutescens</i> Steroidogenesis: Confirming Indigenous Wisdom. <i>Endocrine Research</i> , 2004, 30, 745-751.	1.2	31
75	In vitro interleukin-6 release in whole blood cultures in samples taken at rest from triathletes and professional rugby players. <i>European Journal of Applied Physiology</i> , 2002, 87, 233-237.	2.5	9
76	Using Rodent Models to Simulate Stress of Physiologically Relevant Severity: When, Why and How. , 0, , .		7