

Gregory Doran

List of Publications by Year in descending order

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46
papers

1,327
citations

566801

15
h-index

344852

36
g-index

47
all docs

47
docs citations

47
times ranked

2110
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetics of nanocrystalline TiO ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6476-6481.	3.3	478
2	Whey protein peptides as components of nanoemulsions: A review of emulsifying and biological functionalities. Journal of Food Engineering, 2014, 122, 15-27.	2.7	148
3	Screening of whey protein isolate hydrolysates for their dual functionality: Influence of heat pre-treatment and enzyme specificity. Food Chemistry, 2013, 136, 1435-1443.	4.2	111
4	Formation of whey protein isolate hydrolysate stabilised nanoemulsion. Food Hydrocolloids, 2014, 41, 169-177.	5.6	78
5	A rapid method for the simultaneous quantification of the major tocopherols, carotenoids, free and esterified sterols in canola (Brassica napus) oil using normal phase liquid chromatography. Food Chemistry, 2017, 214, 147-155.	4.2	56
6	Canola (Brassica napus) oil from Australian cultivars shows promising levels of tocopherols and carotenoids, along with good oxidative stability. Journal of Food Composition and Analysis, 2015, 42, 179-186.	1.9	41
7	Persistence of atrazine and trifluralin in a clay loam soil undergoing different temperature and moisture conditions. Environmental Pollution, 2021, 276, 116687.	3.7	38
8	Polycyclic aromatic hydrocarbon contamination in soils and sediments: Sustainable approaches for extraction and remediation. Chemosphere, 2022, 291, 132981.	4.2	35
9	The impact of rice plant roots on the reducing conditions in flooded rice soils. Chemosphere, 2006, 63, 1892-1902.	4.2	26
10	Electron Diffraction and ^{47,49} Ti and ¹⁷⁰ NMR Studies of Natural and Synthetic Brookite. Chemistry of Materials, 2000, 12, 436-439.	3.2	20
11	Sorption and Degradation of Fipronil in Flooded Anaerobic Rice Soils. Journal of Agricultural and Food Chemistry, 2009, 57, 10296-10301.	2.4	20
12	The sorption and degradation of the rice pesticides fipronil and thiobencarb on two Australian rice soils. Soil Research, 2006, 44, 599.	0.6	19
13	The presence of licit and illicit drugs in police stations and their implications for workplace drug testing. Forensic Science International, 2017, 278, 125-136.	1.3	18
14	The acute toxicity of fipronil to two non-target invertebrates associated with mosquito breeding sites in Australia. Acta Tropica, 2011, 117, 125-130.	0.9	17
15	Simultaneous determination of niclosamide and its degradates in water by LC-MS/MS. Analytical Methods, 2014, 6, 6871-6877.	1.3	17
16	Quantification of licit and illicit drugs on typical police station work surfaces using LC-MS/MS. Analytical Methods, 2017, 9, 198-210.	1.3	16
17	Trifluralin and Atrazine Sensitivity to Selected Cereal and Legume Crops. Agronomy, 2020, 10, 587.	1.3	14
18	Quantitation of the anaesthetic xylazine in ovine plasma by LC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 997, 81-84.	1.2	11

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19	Caffeine supplementation of ewes during lambing may increase lamb survival. <i>Animal</i> , 2018, 12, 376-382.	1.3	11
20	Life history strategies of Mekong pangasiid catfishes revealed by otolith microchemistry. <i>Fisheries Research</i> , 2022, 249, 106239.	0.9	11
21	Pharmacokinetics of pergolide after intravenous administration to horses. <i>American Journal of Veterinary Research</i> , 2015, 76, 155-160.	0.3	10
22	Work place drug testing of police officers after THC exposure during large volume cannabis seizures. <i>Forensic Science International</i> , 2017, 275, 224-233.	1.3	10
23	Rapid analysis of the nitrification inhibitor 3,4-dimethylpyrazole phosphate in soil using LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 606-621.	1.8	10
24	Phytosterol, Tocopherol and Carotenoid Retention during Commercial Processing of Brassica napus (Canola) Oil. <i>Processes</i> , 2022, 10, 580.	1.3	10
25	Pharmacokinetics and pharmacodynamics of pergolide mesylate after oral administration in horses with pituitary pars intermedia dysfunction. <i>Domestic Animal Endocrinology</i> , 2019, 68, 135-141.	0.8	9
26	An improved method for measuring soil microbial activity by gas phase flow injection analysis. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012, 36, 349-357.	0.5	8
27	Diverse migration tactics of fishes within the large tropical Mekong River system. <i>Fisheries Management and Ecology</i> , 2022, 29, 708-723.	1.0	8
28	Greener extraction of polycyclic aromatic hydrocarbons from soil and sediment using eucalyptus oil. <i>Environmental Chemistry Letters</i> , 2022, 20, 2757-2764.	8.3	8
29	Extraction of Fipronil and Thiobencarb from Anaerobic Water Samples Using Solid-Phase Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 854-859.	0.7	7
30	Efficacy and environmental fate of copper sulphate applied to Australian rice fields for control of the aquatic snail <i>Isidorella newcombi</i> . <i>Crop Protection</i> , 2014, 63, 48-56.	1.0	7
31	The mobility of thiobencarb and fipronil in two flooded rice-growing soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 43, 490-497.	0.7	6
32	Variability in water chemistry in the Lower Mekong Basin: Considerations for fish life history reconstruction. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 255, 107355.	0.9	6
33	Air Quality Inside Police Drug Safes and Drug Storage Areas. <i>Journal of Analytical Toxicology</i> , 2018, 42, 360-364.	1.7	5
34	The distribution of soil nitrifiers and efficacy of 3,4-dimethylpyrazole phosphate changes with soil depth and calcium carbonate application. <i>Soil Biology and Biochemistry</i> , 2020, 150, 108009.	4.2	5
35	41 Magnesium aspartate supplementation and reaction speed response in horses. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 401-402.	0.4	4
36	Direct detection of glucuronide metabolites of lidocaine in sheep urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 84-90.	1.2	4

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37	Effects of Storage Temperature and Duration on Bioactive Concentrations in the Seed and Oil of <i>Brassica napus</i> (Canola). <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700335.	1.0	4
38	Whey Protein Peptides Have Dual Functions: Bioactivity and Emulsifiers in Oil-In-Water Nanoemulsion. <i>Foods</i> , 2022, 11, 1812.	1.9	4
39	The Analysis of Pergolide Residues in Horse Plasma by LC with Fluorescence Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 1487-1493.	0.7	3
40	Evaluation of potential biocides for control of the earthworm <i>Eukerria saltensis</i> (Oligochaeta:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622</i>	1.0	3
41	The consistency and influence of environmental and animal factors on exhaled breath condensate hydrogen peroxide, pH and leukotriene B ₄ in horses. <i>Veterinary Journal</i> , 2017, 226, 46-50.	0.6	3
42	Maternal caffeine administration to ewes does not affect perinatal lamb survival. <i>Animal Reproduction Science</i> , 2021, 231, 106799.	0.5	3
43	A multiphase experiment for the analysis of bioactive compounds in canola oil: Sources of error from field and laboratory. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 162, 55-64.	1.8	2
44	Soil moisture impacts nitrification from nitrogen fertilisers treated with 3,4-dimethylpyrazole phosphate in acidic soils. <i>Soil Research</i> , 2022, 60, 86-101.	0.6	2
45	60 Oral magnesium supplementation alters blood and urine electrolyte concentrations in horses. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 409-410.	0.4	0
46	Bioaccessibility of Drug Residues on Common Police Station Work Surfaces. <i>Journal of Analytical Toxicology</i> , 2019, 43, 144-148.	1.7	0