## Kathryn J Steadman

List of Publications by Year in descending order

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119 papers 3,486 citations

34 h-index 51 g-index

124 all docs

124 docs citations

124 times ranked 3487 citing authors

#	Article	IF	CITATIONS
1	Buckwheat Seed Milling Fractions: Description, Macronutrient Composition and Dietary Fibre. Journal of Cereal Science, 2001, 33, 271-278.	1.8	171
2	Minerals, phytic acid, tannin and rutin in buckwheat seed milling fractions. Journal of the Science of Food and Agriculture, 2001, 81, 1094-1100.	1.7	165
3	When fear and misinformation go viral: Pharmacists' role in deterring medication misinformation during the 'infodemic' surrounding COVID-19. Research in Social and Administrative Pharmacy, 2021, 17, 1954-1963.	1.5	148
4	Ecological fitness of a multiple herbicide-resistant Lolium rigidum population: dynamics of seed germination and seedling emergence of resistant and susceptible phenotypes. Journal of Applied Ecology, 2005, 42, 288-298.	1.9	115
5	Fagopyritols,d-chiro-Inositol, and Other Soluble Carbohydrates in Buckwheat Seed Milling Fractions. Journal of Agricultural and Food Chemistry, 2000, 48, 2843-2847.	2.4	94
6	Maturation temperature and rainfall influence seed dormancy characteristics of annual ryegrass (Lolium rigidum). Australian Journal of Agricultural Research, 2004, 55, 1047.	1.5	91
7	Soil warming increases plant species richness but decreases germination from the alpine soil seed bank. Global Change Biology, 2013, 19, 1549-1561.	4.2	91
8	Dormancy release in Lolium rigidum seeds is a function of thermal after-ripening time and seed water content. Functional Plant Biology, 2003, 30, 345.	1.1	78
9	Native and $\hat{l}^2$ -cyclodextrin-enclosed curcumin: entrapment within liposomes and their <i>in vitro</i> cytotoxicity in lung and colon cancer. Drug Delivery, 2012, 19, 346-353.	2.5	69
10	Seed Persistence in the Field May Be Predicted by Laboratory-Controlled Aging. Weed Science, 2008, 56, 523-528.	0.8	67
11	Dosage form modification and oral drug delivery in older people. Advanced Drug Delivery Reviews, 2018, 135, 75-84.	6.6	61
12	The Changing Window of Conditions that Promotes Germination of Two Fire Ephemerals, Actinotus leucocephalus (Apiaceae) and Tersonia cyathiflora (Gyrostemonaceae). Annals of Botany, 2005, 96, 1225-1236.	1.4	57
13	Crushed Tablets: Does the Administration of Food Vehicles and Thickened Fluids to Aid Medication Swallowing Alter Drug Release?. Journal of Pharmacy and Pharmaceutical Sciences, 2014, 17, 207.	0.9	56
14	Dormancy release during hydrated storage in Lolium rigidum seeds is dependent on temperature, light quality, and hydration status. Journal of Experimental Botany, 2004, 55, 929-937.	2.4	55
15	Germination of Aesculus hippocastanum seeds following coldâ€induced dormancy loss can be described in relation to a temperatureâ€dependent reduction in base temperature ( T b ) and thermal time. New Phytologist, 2004, 161, 415-425.	3.5	55
16	Seed germination strategies: an evolutionary trajectory independent of vegetative functional traits. Frontiers in Plant Science, 2015, 6, 731.	1.7	52
17	Towards largeâ€scale prediction of <i>Lolium rigidum</i> emergence. II. Correlation between dormancy and herbicide resistance levels suggests an impact of cropping systems. Weed Research, 2011, 51, 133-141.	0.8	51
18	Encapsulation of Hydrocortisone and Mesalazine in Zein Microparticles. Pharmaceutics, 2013, 5, 277-293.	2.0	50

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19	Dormancy release in Australian fire ephemeral seeds during burial increases germination response to smoke water or heat. Seed Science Research, 2005, 15, 339-348.	0.8	49
20	Seed Dormancy and Germination Responses of Nine Australian Fire Ephemerals. Plant and Soil, 2005, 277, 345-358.	1.8	47
21	The pituri story: a review of the historical literature surrounding traditional Australian Aboriginal use of nicotine in Central Australia. Journal of Ethnobiology and Ethnomedicine, 2010, 6, 26.	1.1	47
22	Field assessment of thermal after-ripening time for dormancy release prediction in Lolium rigidum seeds. Weed Research, 2003, 43, 458-465.	0.8	46
23	Preâ€zygotic parental environment modulates seed longevity. Austral Ecology, 2010, 35, 837-848.	0.7	45
24	Seed Treatment Optimizes Benefits of Seed Bank Storage for Restorationâ€Ready Seeds: The Feasibility of Prestorage Dormancy Alleviation for Mineâ€Site Revegetation. Restoration Ecology, 2013, 21, 186-192.	1.4	45
25	Pre- and Post-harvest Influences on Seed Dormancy Status of an Australian Goodeniaceae species, Goodenia fascicularis. Annals of Botany, 2008, 102, 93-101.	1.4	40
26	Parental effects modulate seed longevity: exploring parental and offspring phenotypes to elucidate preâ€zygotic environmental influences. New Phytologist, 2011, 191, 223-233.	3.5	40
27	Late-season non-selective herbicide application reduces Lolium rigidum seed numbers, seed viability, and seedling fitness. Australian Journal of Agricultural Research, 2006, 57, 133.	1.5	39
28	Exploring the Use of Complementary and Alternative Medicine in Cancer Patients. Integrative Cancer Therapies, 2019, 18, 153473541985413.	0.8	39
29	Molecular structure of fagopyritol A1 (O-α-d-galactopyranosyl-(1→3)-d-chiro-inositol) by NMR. Carbohydrate Research, 2000, 328, 623-627.	1.1	38
30	Green and blue light photoreceptors are involved in maintenance of dormancy in imbibed annual ryegrass ( <i>Lolium rigidum</i> ) seeds. New Phytologist, 2008, 180, 81-89.	3.5	38
31	Mimicking a Semi-arid Tropical Environment Achieves Dormancy Alleviation for Seeds of Australian Native Goodeniaceae and Asteraceae. Annals of Botany, 2008, 101, 701-708.	1.4	38
32	Solid Medication Dosage Form Modification at the Bedside and in the Pharmacy of Queensland Hospitals. Journal of Pharmacy Practice and Research, 2009, 39, 129-134.	0.5	38
33	Evaluation of antibacterial activity of Australian basidiomycetous macrofungi using a high-throughput 96-well plate assay. Pharmaceutical Biology, 2011, 49, 492-500.	1.3	38
34	Outcomes of deprescribing interventions in older patients with lifeâ€limiting illness and limited life expectancy: A systematic review. British Journal of Clinical Pharmacology, 2020, 86, 1931-1945.	1.1	38
35	Analysis of seed-bank data confirms suitability of international seed-storage standards for the Australian flora. Australian Journal of Botany, 2007, 55, 18.	0.3	37
36	ABA inhibits germination but not dormancy release in mature imbibed seeds of Lolium rigidum Gaud Journal of Experimental Botany, 2009, 60, 3387-3396.	2.4	36

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37	Why do some cancer patients receiving chemotherapy choose to take complementary and alternative medicines and what are the risks?. Asia-Pacific Journal of Clinical Oncology, 2014, 10, 1-10.	0.7	36
38	Extemporaneously compounded medicines. Australian Prescriber, 2017, 40, 5-8.	0.5	34
39	Exploring the Use of Complementary and Alternative Medicine in Cancer Patients. Integrative Cancer Therapies, 2019, 18, 153473541984698.	0.8	34
40	A spoonful of sugar helps the medicine go down? A review of strategies for making pills easier to swallow. Patient Preference and Adherence, 2018, Volume 12, 1337-1346.	0.8	33
41	Purification and molecular structure of two digalactosyl d-chiro-inositols and two trigalactosyl d-chiro-inositols from buckwheat seeds. Carbohydrate Research, 2001, 331, 19-25.	1.1	32
42	Occurrence of Physical Dormancy in Seeds of Australian Sapindaceae: A Survey of 14 Species in Nine Genera. Annals of Botany, 2008, 101, 1349-1362.	1.4	32
43	Wet-dry cycling extends seed persistence by re-instating antioxidant capacity. Plant and Soil, 2011, 338, 511-519.	1.8	31
44	Understanding Lolium rigidum Seeds: The Key to Managing a Problem Weed?. Agronomy, 2012, 2, 222-239.	1.3	30
45	Identification and characterization of the water gap in the physically dormant seeds of Dodonaea petiolaris: a first report for Sapindaceae. Annals of Botany, 2009, 104, 833-844.	1.4	29
46	Framing and scientific uncertainty in nicotine vaping product regulation: An examination of competing narratives among health and medical organisations in the UK, Australia and New Zealand. International Journal of Drug Policy, 2020, 78, 102699.	1.6	29
47	Soil type does not affect seed ageing when soil water potential and temperature are controlled. Plant and Soil, 2009, 320, 131-140.	1.8	26
48	Variation in seed longevity among different populations, species and genera found in collections from wild Australian plants. Australian Journal of Botany, 2009, 57, 123.	0.3	26
49	Prevalence of swallowing difficulties and medication modification in customers of community pharmacists. Journal of Pharmacy Practice and Research, 2015, 45, 18-23.	0.5	26
50	Oral medication delivery in impaired swallowing: thickening liquid medications for safe swallowing alters dissolution characteristics. Drug Development and Industrial Pharmacy, 2016, 42, 1537-1544.	0.9	26
51	Drug loss while crushing tablets: Comparison of 24 tablet crushing devices. PLoS ONE, 2018, 13, e0193683.	1.1	26
52	Climatic regulation of seed dormancy and emergence of diverse <i>Malva parviflora</i> populations from a Mediterranean-type environment. Seed Science Research, 2006, 16, 273-281.	0.8	25
53	Initial characterisation of low and high seed dormancy populations of Lolium rigidum produced by repeated selection. Journal of Plant Physiology, 2010, 167, 1282-1288.	1.6	25
54	Nicotine alkaloid levels, and nicotine to nornicotine conversion, in Australian Nicotiana species used as chewing tobacco. Heliyon, 2017, 3, e00469.	1.4	25

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55	Beliefs and Self-reported Practices of Health Care Professionals Regarding Electronic Nicotine Delivery Systems: A Mixed-Methods Systematic Review and Synthesis. Nicotine and Tobacco Research, 2020, 22, 619-629.	1.4	24
56	Sheep rumen digestion and transmission of weedy Malva parviflora seeds. Australian Journal of Experimental Agriculture, 2006, 46, 1251.	1.0	23
57	Physiological dormancy in forbs native to south–west Queensland: Diagnosis and classification. South African Journal of Botany, 2008, 74, 208-213.	1.2	23
58	A reversed-phase HPLC-UV method developed and validated for simultaneous quantification of six alkaloids from Nicotiana spp Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 997, 142-145.	1.2	23
59	Are Medication Swallowing Lubricants Suitable for Use in Dysphagia? Consistency, Viscosity, Texture, and Application of the International Dysphagia Diet Standardization Initiative (IDDSI) Framework. Pharmaceutics, 2020, 12, 924.	2.0	23
60	Alleviation of dormancy in annual ryegrass (Lolium rigidum) seeds by hydration and after-ripening. Weed Science, 2004, 52, 968-975.	0.8	20
61	Towards largeâ€scale prediction of <i>Lolium rigidum</i> emergence. I. Can climate be used to predict dormancy parameters?. Weed Research, 2011, 51, 123-132.	0.8	19
62	Selection for low or high primary dormancy in Lolium rigidum Gaud seeds results in constitutive differences in stress protein expression and peroxidase activity. Journal of Experimental Botany, 2011, 62, 1037-1047.	2.4	19
63	Blue and green are frequently seen: responses of seeds to short- and mid-wavelength light. Seed Science Research, 2012, 22, 27-35.	0.8	19
64	The influence of cone age on the relative longevity of Banksia seeds. Annals of Botany, 2011, 107, 303-309.	1.4	18
65	Antimicrobial Potential of Australian Macrofungi Extracts Against Foodborne and Other Pathogens. Phytotherapy Research, 2012, 26, 465-469.	2.8	18
66	Tissue-specific Soluble Sugars in Seeds as Indicators of Storage Category. Annals of Botany, 1996, 77, 667-674.	1.4	18
67	Stimulating dormancy release and emergence of annual ryegrass (Lolium rigidum) seeds using short-term hydrated storage in darkness. Australian Journal of Agricultural Research, 2004, 55, 787.	1.5	17
68	Interâ€population variation in seed longevity for two invasive weeds: <i>Chrysanthemoides monilifera</i> ssp. <i>monilifera</i> (boneseed) and ssp. <i>rotundata</i> (bitou bush). Weed Research, 2010, 50, 67-75.	0.8	17
69	Nurse experiences of medication administration to people with swallowing difficulties living in aged care facilities: a systematic review of qualitative evidence. JBI Database of Systematic Reviews and Implementation Reports, 2018, 16, 71-86.	1.7	17
70	Preparation and <i>in vitro </i> release of zein microparticles loaded with prednisolone for oral delivery. Journal of Microencapsulation, 2012, 29, 706-712.	1.2	16
71	Baltic amber teething necklaces: could succinic acid leaching from beads provide anti-inflammatory effects?. BMC Complementary and Alternative Medicine, 2019, 19, 162.	3.7	16
72	Policy Debates Regarding Nicotine Vaping Products in Australia: A Qualitative Analysis of Submissions to a Government Inquiry from Health and Medical Organisations. International Journal of Environmental Research and Public Health, 2019, 16, 4555.	1.2	16

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73	Does the content and source credibility of health and risk messages related to nicotine vaping products have an impact on harm perception and behavioural intentions? A systematic review. Addiction, 2021, 116, 3290-3303.	1.7	16
74	Pre- and post-harvest influences on physiological dormancy alleviation of an Australian Asteraceae species: Actinobole uliginosum (A. Gray) H. Eichler. Seed Science Research, 2008, 18, 191-199.	0.8	15
75	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	15
76	Electronic nicotine delivery systems (e-cigarettes) as a smoking cessation aid: A survey among pharmacy staff in Queensland, Australia. Addictive Behaviors, 2019, 91, 227-233.	1.7	15
77	Appropriateness of oral dosage form modification for aged care residents: a video-recorded observational study. International Journal of Clinical Pharmacy, 2020, 42, 938-947.	1.0	15
78	Translating and validating the Health Literacy Questionnaire into Urdu: a robust nine-dimension confirmatory factor model. Health Promotion International, 2021, 36, 1219-1230.	0.9	15
79	In vitro cytotoxicity of Nicotiana gossei leaves, used in the Australian Aboriginal smokeless tobacco known as pituri or mingkulpa. Toxicology Letters, 2016, 254, 45-51.	0.4	14
80	Kinetics of dormancy release and the high temperature germination response in Aesculus hippocastanum seeds. Journal of Experimental Botany, 1999, 50, 1507-1514.	2.4	14
81	The Pituri Learning Circle: central Australian Aboriginal women's knowledge and practices around the use of Nicotiana spp. as a chewing tobacco. Rural and Remote Health, 2017, 17, 4044.	0.4	14
82	The Xanthine Content of Guarana and Its Preparations. International Journal of Pharmacognosy, 1993, 31, 175-181.	0.2	13
83	Complementary and alternative medicine use by patients receiving curative-intent chemotherapy. Asia-Pacific Journal of Clinical Oncology, 2016, 12, 265-274.	0.7	13
84	Investigation of Polycaprolactone Matrices for Intravaginal Delivery of Doxycycline. Journal of Pharmaceutical Sciences, 2015, 104, 4217-4222.	1.6	12
85	A Difficult Pill to Swallow: An Investigation of the Factors Associated with Medication Swallowing Difficulties. Patient Preference and Adherence, 2021, Volume 15, 29-40.	0.8	12
86	Dark-mediated dormancy release in stratified Lolium rigidum seeds is associated with higher activities of cell wall-modifying enzymes and an apparent increase in gibberellin sensitivity. Journal of Plant Physiology, 2011, 168, 527-533.	1.6	11
87	Formulation and Characterization of Drug-Loaded Microparticles Using Distillers Dried Grain Kafirin. Cereal Chemistry, 2015, 92, 246-252.	1.1	11
88	Purification and molecular structure of digalactosyl myo-inositol (DGMI), trigalactosyl myo-inositol (TGMI), and fagopyritol B3 from common buckwheat seeds by NMR. Carbohydrate Research, 2013, 380, 130-136.	1.1	10
89	Nicotine vaping product use, harm perception and policy support among pharmacy customers in Brisbane, Australia. Drug and Alcohol Review, 2019, 38, 703-711.	1.1	10
90	Expression Pattern of the Alpha-Kafirin Promoter Coupled with a Signal Peptide from <i>Sorghum bicolor </i> L. Moench. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	9

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91	Preparation and <i>In Vitro </i> Release of Drug-Loaded Microparticles for Oral Delivery Using Wholegrain Sorghum Kafirin Protein. International Journal of Polymer Science, 2015, 2015, 1-8.	1.2	9
92	Sustained Simultaneous Delivery of Metronidazole and Doxycycline From Polycaprolactone Matrices Designed for Intravaginal Treatment of Pelvic Inflammatory Disease. Journal of Pharmaceutical Sciences, 2018, 107, 863-869.	1.6	9
93	Nicotine vaping products as a harm reduction tool among smokers: Review of evidence and implications for pharmacy practice. Research in Social and Administrative Pharmacy, 2020, 16, 1272-1278.	1.5	8
94	Impact of deprescribing dual-purpose medications on patient-related outcomes for older adults near end-of-life: a systematic review and meta-analysis. Therapeutic Advances in Drug Safety, 2021, 12, 204209862110523.	1.0	8
95	Seed development in Malva parviflora: onset of germinability, dormancy and desiccation tolerance. Australian Journal of Experimental Agriculture, 2007, 47, 683.	1.0	7
96	Utilisation of Healthcare Services and Medicines by Pakistani Migrants Residing in High Income Countries: A Systematic Review and Thematic Synthesis. Journal of Immigrant and Minority Health, 2019, 21, 1157-1180.	0.8	6
97	One-step fitting of seed viability constants for two Australian plant species, Eucalyptus erythrocorys (Myrtaceae) and Xanthorrhoea preissii (Xanthorrhoeacea). Australian Journal of Botany, 2013, 61, 1.	0.3	5
98	Optimizing Prednisolone Loading into Distiller's Dried Grain Kafirin Microparticles, and In vitro Release for Oral Delivery. Pharmaceutics, 2017, 9, 17.	2.0	5
99	Central Australian Aboriginal women's pregnancy, labour and birth outcomes following maternal smokeless tobacco (pituri) use, cigarette use or no-tobacco use: a prospective cohort study. BMC Public Health, 2021, 21, 814.	1.2	5
100	Compounding Practices in Queensland: Experiences and Perceptions of Pharmacists and Pharmacy Students. Journal of Pharmacy Practice and Research, 2013, 43, 19-24.	0.5	4
101	Evaluation of a Patient CAM-with-Chemotherapy Educational Brochure. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-5.	0.5	4
102	Factors affecting Australian aged care facility workers in administering oral medication to residents with swallowing difficulties. Research in Nursing and Health, 2020, 43, 419-430.	0.8	4
103	Factors that affect healthâ€care workers' practices of medication administration to aged care residents with swallowing difficulties: An Australiaâ€wide survey study. Australasian Journal on Ageing, 2021, 40, e79-e86.	0.4	4
104	Deprescribing tool for use in older Australians with life-limiting illnesses and limited life expectancy: a modified-Delphi study protocol. BMJ Open, 2021, 11, e043766.	0.8	4
105	3D printing: potential clinical applications for personalised solid dose medications. Medical Journal of Australia, 2022, 216, 64-67.	0.8	4
106	Replicated versus un-replicated factorial experiments for preliminary investigation of seed germination and dormancy: alternative approaches using fewer seeds. Seed Science and Technology, 2011, 39, 93-111.	0.6	3
107	Pharmacist, general practitioner, and nurse perceptions, experiences, and knowledge of medication dosage form modification. Integrated Pharmacy Research & Practice, $0$ , $1$ .	0.9	3
108	The Use of a Brochure to Enable CAM-with-Chemotherapy Patient Education. Journal of Cancer Education, 2017, 32, 814-819.	0.6	3

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109	Tobacco and Pituri Use in Pregnancy: A Protocol for Measuring Maternal and Perinatal Exposure and Outcomes in Central Australian Aboriginal Women. Methods and Protocols, 2019, 2, 47.	0.9	3
110	Evaluation of polycaprolactone matrices for sustained intravaginal delivery of a natural macromolecular microbicide, lactoferrin. Journal of Drug Delivery Science and Technology, 2021, 61, 101191.	1.4	3
111	Development and validation of a tool to understand health care professionals' attitudes towards deprescribing (HATD) in older adults with limited life expectancy. Research in Social and Administrative Pharmacy, 2022, 18, 3596-3601.	1.5	3
112	Nurses' experiences of medication administration to people with swallowing difficulties in aged care facilities: a systematic review protocol. JBI Database of Systematic Reviews and Implementation Reports, 2017, 15, 932-941.	1.7	2
113	How are nicotine vaping products represented to pharmacists? A content analysis of Australian pharmacy news sources. International Journal of Pharmacy Practice, 2020, 28, 390-394.	0.3	2
114	Limited ecoclinal variation found in Malva parviflora (small-flowered mallow) across the Mediterranean-climatic agricultural region of Western Australia. Australian Journal of Agricultural Research, 2006, 57, 823.	1.5	2
115	Central Australian Aboriginal women's placental and neonatal outcomes following maternal smokeless tobacco, cigarette or no tobacco use. Australian and New Zealand Journal of Public Health, 2022, 46, 186-195.	0.8	2
116	Swallowing safety of oral liquid medications: assessment using the International Dysphagia Diet Standardisation Initiative framework. Journal of Pharmacy Practice and Research, 2022, 52, 283-293.	0.5	2
117	History of Extemporaneous Compounding in Australia: Changes and Developments in theAustralian Pharmaceutical Formulary. Journal of Pharmacy Practice and Research, 2013, 43, 117-121.	0.5	1
118	Antioxidant supplementation and cancer patients receiving curativeâ€intent chemotherapy. Medical Journal of Australia, 2016, 204, 185-185.	0.8	1
119	Investigating the impact of patient-centred labels on comprehension of medication dosing: a randomised controlled trial. BMJ Open, 2021, 11, e053969.	0.8	1