Kingsley Dixon

List of Publications by Citations

380 papers	15,026 citations	63 h-index	105 g-index
395 ext. papers	17,702 ext. citations	4.2 avg, IF	6.87 L-index

#	Paper	IF	Citations
380	Climate change and plant regeneration from seed. *Global Change Biology*, **2011**, 17, 2145-2161	11.4	533
379	A compound from smoke that promotes seed germination. *Science*, **2004**, 305, 977	33.3	474
378	Acetyl salicylic acid (Aspirin) and salicylic acid induce multiple stress tolerance in bean and tomato plants. *Plant Growth Regulation*, **2000**, 30, 157-161	3.2	400
377	Terrestrial orchid conservation in the age of extinction. *Annals of Botany*, **2009**, 104, 543-56	4.1	380
376	The promotive effect of smoke derived from burnt native vegetation on seed germination of Western Australian plants. *Oecologia*, **1995**, 101, 185-192	2.9	353
375	Specialisation within the DWARF14 protein family confers distinct responses to karrikins and strigolactones in Arabidopsis. *Development (Cambridge)*, **2012**, 139, 1285-95	6.6	339
374	F-box protein MAX2 has dual roles in karrikin and strigolactone signaling in Arabidopsis thaliana. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 8897-902	11.5	312
373	Ecology. Hurdles and opportunities for landscape-scale restoration. *Science*, **2013**, 339, 526-7	33.3	264
372	International principles and standards for the practice of ecological restoration. Second edition. *Restoration Ecology*, **2019**, 27, S1	3.1	250
371	Reconnecting plants and pollinators: challenges in the restoration of pollination mutualisms. *Trends in Plant Science*, **2011**, 16, 4-12	13.1	223
370	Conservation. Restoration seed banks--a matter of scale. *Science*, **2011**, 332, 424-5	33.3	220
369	A critique of the 'novel ecosystem' concept. *Trends in Ecology and Evolution*, **2014**, 29, 548-53	10.9	197
368	Karrikins discovered in smoke trigger Arabidopsis seed germination by a mechanism requiring gibberellic acid synthesis and light. *Plant Physiology*, **2009**, 149, 863-73	6.6	195
367	Strigolactone Hormones and Their Stereoisomers Signal through Two Related Receptor Proteins to Induce Different Physiological Responses in Arabidopsis. *Plant Physiology*, **2014**, 165, 1221-1232	6.6	187
366	Regulation of seed germination and seedling growth by chemical signals from burning vegetation. *Annual Review of Plant Biology*, **2012**, 63, 107-30	30.7	178
365	Karrikins enhance light responses during germination and seedling development in Arabidopsis thaliana. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7095-100	11.5	166
364	Constraints to symbiotic germination of terrestrial orchid seed in a mediterranean bushland. *New Phytologist*, **2001**, 152, 511-520	9.8	149

363	Karrikins: A new family of plant growth regulators in smoke. *Plant Science*, **2009**, 177, 252-256	5.3	143
362	Seed dormancy and germination stimulation syndromes for Australian temperate species. *Australian Journal of Botany*, **2007**, 55, 336	1.2	143
361	Seed Ageing and Smoke: Partner Cuesin the Amelioration of Seed Dormancyin Selected Australian Native Species. *Australian Journal of Botany*, **1997**, 45, 783	1.2	138
360	National standards for the practice of ecological restoration in Australia. *Restoration Ecology*, **2016**, 24, S4	3.1	137
359	Pollination and restoration. *Science*, **2009**, 325, 571-3	33.3	134
358	Little evidence for fire-adapted plant traits in Mediterranean climate regions. *Trends in Plant Science*, **2011**, 16, 69-76	13.1	132
357	Diversity of mycorrhizal fungi of terrestrial orchids: compatibility webs, brief encounters, lasting relationships and alien invasions. *Mycological Research*, **2007**, 111, 51-61		132
356	Germination and seedling establishment in orchids: a complex of requirements. *Annals of Botany*, **2015**, 116, 391-402	4.1	129
355	Smoke Enhanced Seed Germination for Mine Rehabilitation in the Southwest of Western Australia. *Restoration Ecology*, **1997**, 5, 191-203	3.1	129
354	Use of RAPD analysis in devising conservation strategies for the rare and endangered Grevillea scapigera (Proteaceae). *Molecular Ecology*, **1995**, 4, 321-9	5.7	115
353	Ecological specialization in mycorrhizal symbiosis leads to rarity in an endangered orchid. *Molecular Ecology*, **2010**, 19, 3226-42	5.7	108
352	Exudation of carboxylates in Australian Proteaceae: chemical composition. *Plant, Cell and Environment*, **2001**, 24, 891-904	8.4	106
351	Identification of alkyl substituted 2H-furo[2,3-c]pyran-2-ones as germination stimulants present in smoke. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 9475-80	5.7	105
350	Seed Coating: Science or Marketing Spin?. *Trends in Plant Science*, **2017**, 22, 106-116	13.1	99
349	Seed germination of agricultural weeds is promoted by the butenolide 3-methyl-2H-furo[2,3-c]pyran-2-one under laboratory and field conditions. *Plant and Soil*, **2007**, 298, 113-124	4.3	98
348	Conservation genetics of the rare and endangered Leucopogon obtectus (Ericaceae). *Molecular Ecology*, **2001**, 10, 2389-96	5.7	97
347	Topsoil Handling and Storage Effects on Woodland Restoration in Western Australia. *Restoration Ecology*, **2000**, 8, 196-208	3.1	96
346	A systems approach to restoring degraded drylands. *Journal of Applied Ecology*, **2013**, 50, 730-739	5.8	93

345	KARRIKINOLIDE ⁉ A PHYTOREACTIVE COMPOUND DERIVED FROM SMOKE WITH APPLICATIONS IN HORTICULTURE, ECOLOGICAL RESTORATION AND AGRICULTURE. *Acta Horticulturae*, **2009**, 155-170	0.3	91
344	Soil physicochemical and microbiological indicators of short, medium and long term post-fire recovery in semi-arid ecosystems. *Ecological Indicators*, **2016**, 63, 14-22	5.8	87
343	Soil quality indicators to assess functionality of restored soils in degraded semiarid ecosystems. *Restoration Ecology*, **2016**, 24, S43-S52	3.1	86
342	Synthesis of the seed germination stimulant 3-methyl-2H-furo[2,3-c]pyran-2-one. *Tetrahedron Letters*, **2005**, 46, 5719-5721	2	86
341	The Interaction of Heat and Smoke in the Release of Seed Dormancy in Seven Species from Southwestern Western Australia. *Annals of Botany*, **2001**, 88, 259-265	4.1	83
340	Development of in situ and ex situ seed baiting techniques to detect mycorrhizal fungi from terrestrial orchid habitats. *Mycological Research*, **2003**, 107, 1210-20		82
339	Do mycorrhizal symbioses cause rarity in orchids?. *Journal of Ecology*, **2011**, 99, 858-869	6	81
338	Perspectives on orchid conservation in botanic gardens. *Trends in Plant Science*, **2009**, 14, 590-8	13.1	80
337	Applications and implications of ecological energetics. *Trends in Ecology and Evolution*, **2014**, 29, 280-90	10.9	78
336	Ten golden rules for reforestation to optimize carbon sequestration, biodiversity recovery and livelihood benefits. *Global Change Biology*, **2021**, 27, 1328-1348	11.4	76
335	Discovery of pyrazines as pollinator sex pheromones and orchid semiochemicals: implications for the evolution of sexual deception. *New Phytologist*, **2014**, 203, 939-52	9.8	74
334	Carlactone-independent seedling morphogenesis in ´Arabidopsis. *Plant Journal*, **2013**, 76, 1-9	6.9	73
333	Karrikin and cyanohydrin smoke signals provide clues to new endogenous plant signaling compounds. *Molecular Plant*, **2013**, 6, 29-37	14.4	72
332	Burning vegetation produces cyanohydrins that liberate cyanide and stimulate seed germination. *Nature Communications*, **2011**, 2, 360	17.4	70
331	Altered vegetation structure and composition linked to fire frequency and plant invasion in a biodiverse woodland. *Biological Conservation*, **2009**, 142, 2270-2281	6.2	70
330	For everything a season: Smoke-induced seed germination and seedling recruitment in a Western Australian Banksia woodland. *Austral Ecology*, **1998**, 23, 111-120	1.5	70
329	Effects of a butenolide present in smoke on light-mediated germination of Australian Asteraceae. *Seed Science Research*, **2006**, 16, 29-35	1.3	69
328	Interaction of soil burial and smoke on germination patterns in seeds of selected Australian native plants. *Seed Science Research*, **2001**, 11, 69-76	1.3	69

327	Nitrogen Nutrition of the Tuberous Sundew Drosera erythrorhiza Lindl. With Special Reference to Catch of Arthropod Fauna by Its Glandular Leaves. *Australian Journal of Botany*, **1980**, 28, 283	1.2	69
326	The occurrence of dauciform roots amongst Western Australian reeds, rushes and sedges, and the impact of phosphorus supply on dauciform-root development in Schoenus unispiculatus (Cyperaceae). *New Phytologist*, **2005**, 165, 887-98	9.8	68
325	Ex Situ Plant Conservation and Beyond. *BioScience*, **2006**, 56, 525	5.7	66
324	Long-term storage of mycorrhizal fungi and seed as a tool for the conservation of endangered Western Australian terrestrial orchids. *Australian Journal of Botany*, **2001**, 49, 619	1.2	66
323	Relationships Between Fire Response, Morphology, Root Anatomy and Starch Distribution in South-west Australian Epacridaceae. *Annals of Botany*, **1996**, 77, 357-364	4.1	66
322	Preparation of 2H-furo[2,3-c]pyran-2-one derivatives and evaluation of their germination-promoting activity. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 2189-94	5.7	65
321	Post-fire germination: The effect of smoke on seeds of selected species from the central Mediterranean basin. *Forest Ecology and Management*, **2006**, 221, 306-312	3.9	65
320	Benzoic acid may act as the functional group in salicylic acid and derivatives in the induction of multiple stress tolerance in plants. *Plant Growth Regulation*, **2003**, 39, 77-81	3.2	65
319	Exploring the molecular mechanism of karrikins and strigolactones. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 3743-6	2.9	63
318	Caught in the act: pollination of sexually deceptive trap-flowers by fungus gnats in Pterostylis (Orchidaceae). *Annals of Botany*, **2014**, 113, 629-41	4.1	62
317	Low population genetic differentiation in the Orchidaceae: implications for the diversification of the family. *Molecular Ecology*, **2012**, 21, 5208-20	5.7	59
316	Rapid Genetic Decline in a Translocated Population of the Endangered Plant Grevillea scapigera. *Conservation Biology*, **2002**, 16, 986-994	6	59
315	Orchid re-introductions: an evaluation of success and ecological considerations using key comparative studies from Australia. *Plant Ecology*, **2016**, 217, 81-95	1.7	58
314	Orchid biogeography and factors associated with rarity in a biodiversity hotspot, the Southwest Australian Floristic Region. *Journal of Biogeography*, **2011**, 38, 487-501	4.1	57
313	Orchids. *Current Biology*, **2008**, 18, R325-9	6.3	56
312	Pollination ecology and the possible impacts of environmental change in the Southwest Australian Biodiversity Hotspot. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 517-28	5.8	55
311	The changing window of conditions that promotes germination of two fire ephemerals, Actinotus leucocephalus (Apiaceae) and Tersonia cyathiflora (Gyrostemonaceae). *Annals of Botany*, **2005**, 96, 1225-36	4.1	55
310	Ericoid endophytes of Western Australian heaths (Epacridaceae). *New Phytologist*, **1994**, 127, 557-566	9.8	55

309	Contrasting Growth and Morphological Characteristics of Fire-Sensitive (Obligate Seeder) and Fire-Resistant (Resprouter) Species of Restionaceae (S Hemisphere Restiads) From South-Western Western-Australia. *Australian Journal of Botany*, **1991**, 39, 505	1.2	55
308	Soil seed bank compositional change constrains biodiversity in an invaded species-rich woodland. *Biological Conservation*, **2009**, 142, 256-269	6.2	54
307	Specialized ecological interactions and plant species rarity: The role of pollinators and mycorrhizal fungi across multiple spatial scales. *Biological Conservation*, **2014**, 169, 285-295	6.2	53
306	Influence of Polymer Seed Coatings, Soil Raking, and Time of Sowing on Seedling Performance in Post-Mining Restoration. *Restoration Ecology*, **2006**, 14, 267-277	3.1	52
305	What are karrikins and how were they 'discovered' by plants?. *BMC Biology*, **2015**, 13, 108	7.3	51
304	Conservation genetics and clonality in two critically endangered eucalypts from the highly endemic south-western Australian flora. *Biological Conservation*, **1999**, 88, 321-331	6.2	51
303	A continental-scale study of seed lifespan in experimental storage examining seed, plant, and environmental traits associated with longevity. *Biodiversity and Conservation*, **2014**, 23, 1081-1104	3.4	50
302	Interaction of soil bacteria, mycorrhizal fungi and orchid seed in relation to germination of Australian orchids. *New Phytologist*, **1989**, 112, 429-435	9.8	50
301	Complementary plant nutrient-acquisition strategies promote growth of neighbour species. *Functional Ecology*, **2014**, 28, 819-828	5.6	48
300	Smoke, Mulch, and Seed Broadcasting Effects on Woodland Restoration in Western Australia. *Restoration Ecology*, **2002**, 10, 185-194	3.1	48
299	In situ symbiotic seed germination and propagation of terrestrial orchid seedlings for establishment at field sites. *Australian Journal of Botany*, **2006**, 54, 375	1.2	47
298	Seed biology of Australian arid zone species: Germination of 18 species used for rehabilitation. *Journal of Arid Environments*, **2009**, 73, 617-625	2.5	45
297	Seed production areas for the global restoration challenge. *Ecology and Evolution*, **2016**, 6, 7490-7497	2.8	45
296	The discovery of 2-hydroxymethyl-3-(3-methylbutyl)-5-methylpyrazine: a semiochemical in orchid pollination. *Organic Letters*, **2012**, 14, 2576-8	6.2	44
295	Continent-wide distribution in mycorrhizal fungi: implications for the biogeography of specialized orchids. *Annals of Botany*, **2015**, 116, 413-21	4.1	43
294	Effects of habitat fragmentation on plant reproductive success and population viability at the landscape and habitat scale. *Biological Conservation*, **2013**, 159, 16-23	6.2	43
293	Variation in nutrient-acquisition patterns by mycorrhizal fungi of rare and common orchids explains diversification in a global biodiversity hotspot. *Annals of Botany*, **2013**, 111, 1233-41	4.1	43
292	Seed Dormancy and Germination Responses of Nine Australian Fire Ephemerals. *Plant and Soil*, **2005**, 277, 345-358	4.2	43

291	Dormancy release in Australian fire ephemeral seeds during burial increases germination response to smoke water or heat. *Seed Science Research*, **2005**, 15, 339-348	1.3	43
290	Seed bank patterns in Restionaceae and Epacridaceae after wildfire in kwongan in southwestern Australia. *Journal of Vegetation Science*, **1994**, 5, 5-12	3.1	43
289	Increasing Soil Water Retention with Native-Sourced Mulch Improves Seedling Establishment in Postmine Mediterranean Sandy Soils. *Restoration Ecology*, **2013**, 21, 617-626	3.1	42
288	Increasing the germination envelope under water stress improves seedling emergence in two dominant grass species across different pulse rainfall events. *Journal of Applied Ecology*, **2017**, 54, 997-1007	5.8	42
287	Physical dormancy in seeds of six genera of Australian Rhamnaceae. *Seed Science Research*, **2005**, 15, 51-58	1.3	42
286	Stereochemical arrangement of hydroxyl groups in sugar and polyalcohol molecules as an important factor in effective cryopreservation. *Plant Science*, **2001**, 160, 489-497	5.3	42
285	Germination of Four Species of Native Western Australian Plants using Plant-derived Smoke. *Australian Journal of Botany*, **1999**, 47, 207	1.2	42
284	The relative performance of sampling methods for native bees: an empirical test and review of the literature. *Ecosphere*, **2020**, 11, e03076	3.1	42
283	Exotic and indigenous viruses infect wild populations and captive collections of temperate terrestrial orchids (Diuris species) in Australia. *Virus Research*, **2013**, 171, 22-32	6.4	41
282	Comparative effects of different smoke treatments on germination of Australian native plants. *Austral Ecology*, **2000**, 25, 610-615	1.5	41
281	Soil respiration dynamics in fire affected semi-arid ecosystems: Effects of vegetation type and environmental factors. *Science of the Total Environment*, **2016**, 572, 1385-1394	10.2	40
280	Aquaculture of Posidonia australis Seedlings for Seagrass Restoration Programs: Effect of Sediment Type and Organic Enrichment on Growth. *Restoration Ecology*, **2013**, 21, 250-259	3.1	40
279	Genetic fidelity and viability of Anigozanthos viridis following tissue culture, cold storage and cryopreservation. *Plant Science*, **2001**, 161, 1099-1106	5.3	40
278	Appropriate aspirations for effective post-mining restoration and rehabilitation: a response to Kamierczak et al.. *Environmental Earth Sciences*, **2018**, 77, 1	2.9	39
277	Discovery of tetrasubstituted pyrazines as semiochemicals in a sexually deceptive orchid. *Journal of Natural Products*, **2012**, 75, 1589-94	4.9	39
276	Comparative longevity of Australian orchid (Orchidaceae) seeds under experimental and low temperature storage conditions. *Botanical Journal of the Linnean Society*, **2010**, 164, 26-41	2.2	39
275	Genetic diversity in fragmented populations of the critically endangered spider orchid Caladenia huegelii: implications for conservation. *Conservation Genetics*, **2009**, 10, 1199-1208	2.6	39
274	Recent advances in restoration ecology, with a focus on the Banksia woodland and the smoke germination tool. *Australian Journal of Botany*, **2007**, 55, 375	1.2	39

273	Smoke-saturated water promotes somatic embryogenesis in geranium. *Plant Growth Regulation*, **1999**, 28, 95-99	3.2	39
272	Ex situ Conservation and Cryopreservation of Orchid Germplasm. *International Journal of Plant Sciences*, **2014**, 175, 46-58	2.6	38
271	The role of botanic gardens in the science and practice of ecological restoration. *Conservation Biology*, **2011**, 25, 265-75	6	38
270	Physical dormancy in the endemic Australian genus Stylobasium, a first report for the family Surianaceae (Fabales). *Seed Science Research*, **2006**, 16, 229-232	1.3	38
269	The contribution of in vitro technology and cryogenic storage to conservation of indigenous plants. *Australian Journal of Botany*, **2007**, 55, 345	1.2	38
268	Effect of IAA on symbiotic germination of an Australian orchid and its production by orchid-associated bacteria. *Plant and Soil*, **1994**, 159, 291-295	4.2	38
267	Climate and soil factors influencing seedling recruitment of plant species used for dryland restoration. *Soil*, **2016**, 2, 287-298	5.8	38
266	The impact of soil disturbance on root development in woodland communities in Western Australia. *Australian Journal of Botany*, **2001**, 49, 169	1.2	36
265	Variability in the Resistance of Banksia L.f. Species to Phytophthora cinnamomi Rands. *Australian Journal of Botany*, **1985**, 33, 629	1.2	35
264	Setting the scene for dryland recovery: an overview and key findings from a workshop targeting seed-based restoration. *Restoration Ecology*, **2016**, 24, S36-S42	3.1	35
263	Cryopreservation of Shoot Tips from Six Endangered Australian Species using a Modified Vitrification Protocol. *Annals of Botany*, **2001**, 87, 371-378	4.1	34
262	Dormancy and germination: making every seed count in restoration. *Restoration Ecology*, **2020**, 28, S256	3.1	33
261	Overcoming physiological dormancy in seeds of Triodia (Poaceae) to improve restoration in the arid zone. *Restoration Ecology*, **2016**, 24, S64-S76	3.1	33
260	Mycorrhizal preference promotes habitat invasion by a native Australian orchid: Microtis media. *Annals of Botany*, **2013**, 111, 409-18	4.1	33
259	Waterproofing Topsoil Stockpiles Minimizes Viability Decline in the Soil Seed Bank in an Arid Environment. *Restoration Ecology*, **2014**, 22, 495-501	3.1	33
258	Seed Treatment Optimizes Benefits of Seed Bank Storage for Restoration-Ready Seeds: The Feasibility of Prestorage Dormancy Alleviation for Mine-Site Revegetation. *Restoration Ecology*, **2013**, 21, 186-192	3.1	33
257	Dormancy, germination and seed bank storage: a study in support of ex situ conservation of macrophytes of southwest Australian temporary pools. *Freshwater Biology*, **2010**, 55, 1118-1129	3.1	33
256	New methods to improve symbiotic propagation of temperate terrestrial orchid seedlings from axenic culture to soil. *Australian Journal of Botany*, **2006**, 54, 367	1.2	33

255	Seed ageing of four Western Australian species in relation to storage environment and seed antioxidant activity. *Seed Science Research*, **2003**, 13, 155-165	1.3	33
254	Conservation genetics and implications for restoration of Hemigenia exilis (Lamiaceae), a serpentine endemic from Western Australia. *Biological Conservation*, **2002**, 107, 37-45	6.2	33
253	Cryopreservation of threatened native Australian speciesâ□What have we learned and where to from here?. *In Vitro Cellular and Developmental Biology - Plant*, **2011**, 47, 17-25	2.3	32
252	Prior hydration of Brassica tournefortii seeds reduces the stimulatory effect of karrikinolide on germination and increases seed sensitivity to abscisic acid. *Annals of Botany*, **2010**, 105, 1063-70	4.1	32
251	DNA fingerprinting of Eucalyptus graniticola: a critically endangered relict species or a rare hybrid?. *Heredity*, **1997**, 79, 310-318	3.6	32
250	Cryopreservation of seed of Western Australian native species. *Biodiversity and Conservation*, **1993**, 2, 594-602	3.4	32
249	The European Native Seed Industry: Characterization and Perspectives in Grassland Restoration. *Sustainability*, **2017**, 9, 1682	3.6	31
248	The road to confusion is paved with novel ecosystem labels: a reply to Hobbs et al. *Trends in Ecology and Evolution*, **2014**, 29, 646-7	10.9	31
247	Evolutionary relationships among pollinators and repeated pollinator sharing in sexually deceptive orchids. *Journal of Evolutionary Biology*, **2017**, 30, 1674-1691	2.3	31
246	Occurrence of Vesicular Mycorrhizal Fungi in Dryland Species of Restionaceae and Cyperaceae From South-West Western Australia. *Australian Journal of Botany*, **1993**, 41, 733	1.2	31
245	Ecophysiology of Species with Distinct Leaf Morphologies: Effects of Plastic and Shadecloth Tree Guards. *Restoration Ecology*, **2009**, 17, 33-41	3.1	30
244	Survival of transplanted terrestrial orchid seedlings in urban bushland habitats with high or low weed cover. *Australian Journal of Botany*, **2006**, 54, 383	1.2	30
243	Seed enhancement: getting seeds restoration-ready. *Restoration Ecology*, **2020**, 28, S266	3.1	29
242	Limited carbon and mineral nutrient gain from mycorrhizal fungi by adult Australian orchids. *American Journal of Botany*, **2012**, 99, 1133-45	2.7	29
241	Structure-activity relationship of karrikin germination stimulants. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 8612-7	5.7	29
240	Current perspectives in plant conservation biology. *Australian Journal of Botany*, **2007**, 55, 187	1.2	29
239	Ecophysiology of seed dormancy in the Australian endemic species Acanthocarpus preissii (Dasypogonaceae). *Annals of Botany*, **2006**, 98, 1137-44	4.1	29
238	Phenology, Reproductive-Biology and Seed Development in Four Rush and Sedge Species From Western Australia. *Australian Journal of Botany*, **1988**, 36, 711	1.2	29

237	Buoyancy, salt tolerance and germination of coastal seeds: implications for oceanic hydrochorous dispersal. *Functional Plant Biology*, **2010**, 37, 1175	2.7	28
236	Spatial and Developmental Variation in Seed Dormancy Characteristics in the Fire-responsive Species Anigozanthos manglesii(Haemodoraceae) from Western Australia. *Annals of Botany*, **2001**, 88, 19-26	4.1	28
235	Overcoming topsoil deficits in restoration of semiarid lands: Designing hydrologically favourable soil covers for seedling emergence. *Ecological Engineering*, **2017**, 105, 102-117	3.9	27
234	Convergent specialization â the sharing of pollinators by sympatric genera of sexually deceptive orchids. *Journal of Ecology*, **2013**, 101, 826-835	6	27
233	The role of after-ripening in promoting germination of arid zone seeds: a study on six Australian species. *Botanical Journal of the Linnean Society*, **2009**, 161, 411-421	2.2	27
232	Seed moisture content affects afterripening and smoke responsiveness in three sympatric Australian native species from fire-prone environments. *Austral Ecology*, **2009**, 34, 866-877	1.5	27
231	Propagation and reintroduction of Caladenia. *Australian Journal of Botany*, **2009**, 57, 373	1.2	27
230	Rapid genetic delineation of local provenance seed-collection zones for effective rehabilitation of an urban bushland remnant. *Austral Ecology*, **2006**, 31, 164-175	1.5	27
229	Cryopreservation for Seedbanking of Australian Species. *Annals of Botany*, **1994**, 74, 541-546	4.1	27
228	Biotechnology for saving rare and threatened flora in a biodiversity hotspot. *In Vitro Cellular and Developmental Biology - Plant*, **2011**, 47, 188-200	2.3	26
227	Plant recruitment from the soil seed bank depends on topsoil stockpile age, height, and storage history in an arid environment. *Restoration Ecology*, **2016**, 24, S53-S61	3.1	26
226	Microbial Functional Capacity Is Preserved Within Engineered Soil Formulations Used In Mine Site Restoration. *Scientific Reports*, **2017**, 7, 564	4.9	25
225	One giant leap for mankind: can ecopoiesis avert mine tailings disasters?. *Plant and Soil*, **2017**, 421, 1-5	4.2	25
224	Orchid conservation: making the links. *Annals of Botany*, **2015**, 116, 377-9	4.1	25
223	Symbiotic seed germination of an endangered epiphytic slipper orchid, Paphiopedilum villosum (Lindl.) Stein. from Thailand. *South African Journal of Botany*, **2016**, 104, 76-81	2.9	25
222	Identifying critical recruitment bottlenecks limiting seedling establishment in a degraded seagrass ecosystem. *Scientific Reports*, **2017**, 7, 14786	4.9	25
221	Production of the seed germination stimulant karrikinolide from combustion of simple carbohydrates. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 1195-8	5.7	25
220	Occurrence of physical dormancy in seeds of Australian Sapindaceae: a survey of 14 species in nine genera. *Annals of Botany*, **2008**, 101, 1349-62	4.1	25

219	Mineral Nutrition of Drosera erythrorhiza Lindl. With Special Reference to Its Tuberous Habit. *Australian Journal of Botany*, **1978**, 26, 455	1.2	25
218	Phenology, morphology and reproductive biology of the tuberous sundew, Drosera erythrorhiza Lindl. *Australian Journal of Botany*, **1978**, 26, 441	1.2	25
217	Effect of habitat disturbance on inoculum potential of ericoid endophytes of Western Australian heaths (Epacridaceae). *New Phytologist*, **1997**, 135, 739-744	9.8	24
216	Seed germination of Solanum spp. (Solanaceae) for use in rehabilitation and commercial industries. *Australian Journal of Botany*, **2008**, 56, 333	1.2	24
215	Geochemical and mineralogical constraints in iron ore tailings limit soil formation for direct phytostabilization. *Science of the Total Environment*, **2019**, 651, 192-202	10.2	24
214	International principles and standards for native seeds in ecological restoration. *Restoration Ecology*, **2020**, 28, S286	3.1	23
213	A new type of specialized morphophysiological dormancy and seed storage behaviour in Hydatellaceae, an early-divergent angiosperm family. *Annals of Botany*, **2010**, 105, 1053-61	4.1	23
212	Novel Endorna-like viruses, including three with two open reading frames, challenge the membership criteria and taxonomy of the Endornaviridae. *Virology*, **2016**, 499, 203-211	3.6	23
211	Plastome-Wide Rearrangements and Gene Losses in Carnivorous Droseraceae. *Genome Biology and Evolution*, **2019**, 11, 472-485	3.9	23
210	Reproduction at the extremes: pseudovivipary, hybridization and genetic mosaicism in Posidonia australis (Posidoniaceae). *Annals of Botany*, **2016**, 117, 237-47	4.1	22
209	Optimising seed broadcasting and greenstock planting for restoration in the Australian arid zone. *Journal of Arid Environments*, **2013**, 88, 226-235	2.5	22
208	Seed Coat Dormancy in Two Species of Grevillea(Proteaceae). *Annals of Botany*, **2000**, 86, 771-775	4.1	22
207	Cryobiotechnologies: Tools for expanding long-term ex situ conservation to all plant species. *Biological Conservation*, **2020**, 250, 108736	6.2	22
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