Bhagirath S Chauhan

List of Publications by Citations

382	7,543	44	69
papers	citations	h-index	g-index
400	9,165	2.8	6.85
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
382	Allelopathy for weed control in agricultural systems. *Crop Protection*, **2015**, 72, 57-65	2.7	280
381	Ecology and management of weeds under conservation agriculture: A review. *Crop Protection*, **2012**, 38, 57-65	2.7	207
380	Productivity and Sustainability of the Rice–Wheat Cropping System in the Indo-Gangetic Plains of the Indian subcontinent. *Advances in Agronomy*, **2012**, 315-369	7.7	207
379	Weed Ecology and Weed Management Strategies for Dry-Seeded Rice in Asia. *Weed Technology*, **2012**, 26, 1-13	1.4	196
378	The Role of Seed Ecology in Improving Weed Management Strategies in the Tropics. *Advances in Agronomy*, **2010**, 221-262	7.7	177
377	Tillage system effects on weed ecology, herbicide activity and persistence: a review. *Australian Journal of Experimental Agriculture*, **2006**, 46, 1557		125
376	Row spacing and weed control timing affect yield of aerobic rice. *Field Crops Research*, **2011**, 121, 226-231	3.5	124
375	Influence of tillage systems on vertical distribution, seedling recruitment and persistence of rigid ryegrass (Lolium rigidum) seed bank. *Weed Science*, **2006**, 54, 669-676	2	124
374	Responses of Rapid Viscoanalyzer Profile and Other Rice Grain Qualities to Exogenously Applied Plant Growth Regulators under High Day and High Night Temperatures. *PLoS ONE*, **2016**, 11, e0159590	3.7	111
373	Nonconventional Weed Management Strategies for Modern Agriculture. *Weed Science*, **2015**, 63, 723-747	2	104
372	Crop performance and water- and nitrogen-use efficiencies in dry-seeded rice in response to irrigation and fertilizer amounts in northwest India. *Field Crops Research*, **2012**, 134, 59-70	5.5	104
371	Strategies to manage weedy rice in Asia. *Crop Protection*, **2013**, 48, 51-56	2.7	92
370	Factors affecting seed germination of annual sowthistle (Sonchus oleraceus) in southern Australia. *Weed Science*, **2006**, 54, 854-860	2	90
369	What do we really know about alien plant invasion? A review of the invasion mechanism of one of the world's worst weeds. *Planta*, **2016**, 244, 39-57	4.7	87
368	Seed Germination Ecology of Junglerice (Echinochloa colona): A Major Weed of Rice. *Weed Science*, **2009**, 57, 235-240	2	79
367	Weeds in a Changing Climate: Vulnerabilities, Consequences, and Implications for Future Weed Management. *Frontiers in Plant Science*, **2017**, 8, 95	6.2	78
366	Implications of narrow crop row spacing and delayed Echinochloa colona and Echinochloa crus-galli emergence for weed growth and crop yield loss in aerobic rice. *Field Crops Research*, **2010**, 117, 177-182	5.5	78

365	Relations of rice seeding rates to crop and weed growth in aerobic rice. *Field Crops Research*, **2011**, 121, 105-115	5.5	77
364	Influence of Environmental Factors on Seed Germination and Seedling Emergence of Eclipta (Eclipta prostrata) in a Tropical Environment. *Weed Science*, **2008**, 56, 383-388	2	77
363	Effect of tillage systems and herbicides on weed emergence, weed growth, and grain yield in dry-seeded rice systems. *Field Crops Research*, **2012**, 137, 56-69	5.5	74
362	Yield and yield-attributing traits of rice (Oryza sativa L.) under lowland drought and suitability of early vigor as a selection criterion. *Field Crops Research*, **2009**, 114, 99-107	5.5	64
361	Weed Management in Aerobic Rice in Northwestern Indo-Gangetic Plains. *Journal of Crop Improvement*, **2009**, 23, 366-382	1.4	64
360	Weed management in rice using crop competition-a review. *Crop Protection*, **2017**, 95, 45-52	2.7	63
359	Ecological studies on Echinochloa crus-galli and the implications for weed management in direct-seeded rice. *Crop Protection*, **2011**, 30, 1385-1391	2.7	63
358	Influence of tillage systems on weed seedling emergence pattern in rainfed rice. *Soil and Tillage Research*, **2009**, 106, 15-21	6.5	63
357	Influence of environmental factors on seed germination and seedling emergence of rigid ryegrass (Lolium rigidum). *Weed Science*, **2006**, 54, 1004-1012	2	63
356	Seedling recruitment pattern and depth of recruitment of 10 weed species in minimum tillage and no-till seeding systems. *Weed Science*, **2006**, 54, 658-668	2	62
355	Mulching Improves Water Productivity, Yield and Quality of Fine Rice under Water-saving Rice Production Systems. *Journal of Agronomy and Crop Science*, **2015**, 201, 389-400	3.9	60
354	Dry-seeded rice culture in Punjab State of India: Lessons learned from farmers. *Field Crops Research*, **2013**, 144, 89-99	5.5	58
353	Post-dispersal predation of weed seeds in rice fields. *Weed Research*, **2010**, 50, 553-560	1.9	58
352	Germination Ecology of Goosegrass (Eleusine indica): An Important Grass Weed of Rainfed Rice. *Weed Science*, **2008**, 56, 699-706	2	58
351	African mustard (Brassica tournefortii) germination in southern Australia. *Weed Science*, **2006**, 54, 891-897	2	57
350	The role of cultivars in managing weeds in dry-seeded rice production systems. *Crop Protection*, **2013**, 49, 52-57	2.7	54
349	Weed growth and crop yield loss in wheat as influenced by row spacing and weed emergence times. *Crop Protection*, **2015**, 71, 101-108	2.7	53
348	Ecological studies on Cyperus difformis, Cyperus iria and Fimbristylis miliacea: three troublesome annual sedge weeds of rice. *Annals of Applied Biology*, **2009**, 155, 103-112	2.6	52

347	Germination Ecology of Chinese Sprangletop (Leptochloa chinensis) in the Philippines. *Weed Science*, **2008**, 56, 820-825	2	50
346	Global distribution of rice weeds A review. *Crop Protection*, **2016**, 80, 73-86	2.7	48
345	Role of competition in managing weeds: An introduction to the special issue. *Crop Protection*, **2017**, 95, 1-7	2.7	46
344	Seed Germination and Seedling Emergence of Giant Sensitiveplant (Mimosa invisa). *Weed Science*, **2008**, 56, 244-248	2	46
343	A review of weed management in wheat using crop competition. *Crop Protection*, **2017**, 95, 38-44	2.7	45
342	Effect of crop establishment methods and weed control treatments on weed management, and rice yield. *Field Crops Research*, **2015**, 172, 72-84	5.5	45
341	Growth Response of Direct-Seeded Rice to Oxadiazon and Bispyribac-Sodium in Aerobic and Saturated Soils. *Weed Science*, **2011**, 59, 119-122	2	45
340	Determining the uniformity and consistency of droplet size across spray drift reducing nozzles in a wind tunnel. *Crop Protection*, **2015**, 76, 1-6	2.7	44
339	Global Warming and Its Possible Impact on Agriculture in India. *Advances in Agronomy*, **2014**, 123, 65-121	7.7	44
338	Eco-biology and management of Echinochloa crus-galli. *Crop Protection*, **2015**, 75, 151-162	2.7	43
337	Assessing the deposition and canopy penetration of nozzles with different spray qualities in an oat (Avena sativa L.) canopy. *Crop Protection*, **2016**, 81, 14-19	2.7	43
336	Germination Ecology of Southern Crabgrass (Digitaria ciliaris) and India Crabgrass (Digitaria longiflora): Two Important Weeds of Rice in Tropics. *Weed Science*, **2008**, 56, 722-728	2	43
335	Growth and Reproduction of Junglerice (Echinochloa colona) in Response to Water Stress. *Weed Science*, **2010**, 58, 132-135	2	42
334	Germination Ecology of Spiny (Amaranthus spinosus) and Slender Amaranth (A. viridis): Troublesome Weeds of Direct-Seeded Rice. *Weed Science*, **2009**, 57, 379-385	2	42
333	Understanding crop-weed-fertilizer-water interactions and their implications for weed management in agricultural systems. *Crop Protection*, **2018**, 103, 65-72	2.7	41
332	Weeds of Direct-Seeded Rice in Asia: Problems and Opportunities. *Advances in Agronomy*, **2015**, 130, 291-336	7.7	40
331	Environment polluting conventional chemical control compared to an environmentally friendly IPM approach for control of diamondback moth, Plutella xylostella (L.), in China: a review. *Environmental Science and Pollution Research*, **2017**, 24, 14537-14550	5.1	39
330	Weed management in aerobic rice systems. *Crop Protection*, **2015**, 78, 151-163	2.7	39

329	Weed management in maize using crop competition: A review. *Crop Protection*, **2016**, 88, 28-36	2.7	39
328	Germination Ecology of Two Troublesome Asteraceae Species of Rainfed Rice: Siam Weed (Chromolaena odorata) and Coat Buttons (Tridax procumbens). *Weed Science*, **2008**, 56, 567-573	2	39
327	Biology and management of two important Conyza weeds: a global review. *Environmental Science and Pollution Research*, **2016**, 23, 24694-24710	5.1	38
326	Impact of sowing date on yield, dry matter and nitrogen accumulation, and nitrogen translocation in dry-seeded rice in North-West India. *Field Crops Research*, **2017**, 206, 138-148	5.5	37
325	Grand Challenges in Weed Management. *Frontiers in Agronomy*, **2020**, 1,	4	37
324	Herbicide Options for Weed Control in Dry-Seeded Aromatic Rice in India. *Weed Technology*, **2013**, 27, 682-689	1.4	37
323	Effects of Planting Pattern and Cultivar on Weed and Crop Growth in Aerobic Rice System. *Weed Technology*, **2011**, 25, 521-525	1.4	37
322	Effect of Seeding Systems and Dinitroaniline Herbicides on Emergence and Control of Rigid Ryegrass (Lolium Rigidum) in Wheat. *Weed Technology*, **2007**, 21, 53-58	1.4	35
321	Herbicide options for effective weed management in dry direct-seeded rice under scented rice-wheat rotation of western Indo-Gangetic Plains. *Crop Protection*, **2016**, 81, 168-176	2.7	34
320	Weed management using crop competition in Australia. *Crop Protection*, **2017**, 95, 8-13	2.7	34
319	Relative Importance of Shoot and Root Competition in Dry-Seeded Rice Growing with Junglerice (Echinochloa colona) and Ludwigia (Ludwigia hyssopifolia). *Weed Science*, **2010**, 58, 295-299	2	34
318	Weed management and grain yield of rice sown at low seeding rates in mechanized dry-seeded systems. *Field Crops Research*, **2013**, 141, 9-15	5.5	33
317	Weed management using crop competition in the United States: A review. *Crop Protection*, **2017**, 95, 31-37	2.7	33
316	Influence of tillage, cover cropping, and herbicides on weeds and productivity of dry direct-seeded rice. *Soil and Tillage Research*, **2015**, 147, 39-49	6.5	32
315	An assessment of weed flora 14 years after the introduction of glyphosate-tolerant cotton in Australia. *Crop and Pasture Science*, **2017**, 68, 773	2.2	32
314	Seed Germination Ecology of Itchgrass (Rottboellia cochinchinensis). *Weed Science*, **2011**, 59, 182-187	2	32
313	Seed germination ecology of Portulaca oleracea L.: an important weed of rice and upland crops. *Annals of Applied Biology*, **2009**, 155, 61-69	2.6	32
312	Effect of weed management and seed rate on crop growth under direct dry seeded rice systems in Bangladesh. *PLoS ONE*, **2014**, 9, e101919	3.7	32

311	Emerging Challenges and Opportunities for Education and Research in Weed Science. *Frontiers in Plant Science*, **2017**, 8, 1537	6.2	31
310	Morphological, physiological and biochemical responses of two Australian biotypes of Parthenium hysterophorus to different soil moisture regimes. *Environmental Science and Pollution Research*, **2017**, 24, 16186-16194	5.1	30
309	Interference and management of parthenium: The world's most important invasive weed. *Crop Protection*, **2015**, 68, 49-59	2.7	30
308	Modelling crop-weed competition: Why, what, how and what lies ahead?. *Crop Protection*, **2017**, 95, 101-108	2.7	30
307	Weedy Rice (Oryza sativa) I. Grain Characteristics and Growth Response to Competition of Weedy Rice Variants from Five Asian Countries. *Weed Science*, **2010**, 58, 374-380	2	30
306	Germination Ecology of Two Australian Biotypes of Ragweed Parthenium (Parthenium hysterophorus) Relates to Their Invasiveness. *Weed Science*, **2018**, 66, 62-70	2	29
305	Growth, yield and nitrogen use efficiency of dry-seeded rice as influenced by nitrogen and seed rates in Bangladesh. *Field Crops Research*, **2016**, 186, 18-31	5.5	29
304	Optimal Nitrogen Fertilization Timing and Rate in Dry-Seeded Rice in Northwest India. *Agronomy Journal*, **2011**, 103, 1676-1682	2.2	29
303	Effects of water regime, nitrogen fertilization, and rice plant density on growth and reproduction of lowland weed Echinochloa crus-galli. *Crop Protection*, **2013**, 54, 142-147	2.7	28
302	Responses of Rice Flatsedge (Cyperus iria) and Barnyardgrass (Echinochloa crus-galli) to Rice Interference. *Weed Science*, **2010**, 58, 204-208	2	28
301	Influence of environmental factors on seed germination and seedling emergence of Oriental mustard (Sisymbrium orientale). *Weed Science*, **2006**, 54, 1025-1031	2	28
300	Factors affecting seed germination of threehorn bedstraw (Galium tricornutum) in Australia. *Weed Science*, **2006**, 54, 471-477	2	28
299	The critical period for weed control in three corn (Zea mays L.) types. *Crop Protection*, **2016**, 90, 59-65	2.7	28
298	WATER SAVING, WATER PRODUCTIVITY AND YIELD OUTPUTS OF FINE-GRAIN RICE CULTIVARS UNDER CONVENTIONAL AND WATER-SAVING RICE PRODUCTION SYSTEMS. *Experimental Agriculture*, **2015**, 51, 567-581	1.7	27
297	Performance of drip-irrigated dry-seeded rice (Oryza sativa L.) in South Asia. *Paddy and Water Environment*, **2017**, 15, 93-100	1.6	27
296	Can hormesis of plant-released phytotoxins be used to boost and sustain crop production?. *Crop Protection*, **2017**, 93, 69-76	2.7	26
295	Seed germination ecology of Echinochloa glabrescens and its implication for management in rice (Oryza sativa L.). *PLoS ONE*, **2014**, 9, e92261	3.7	26
294	Influence of Various Environmental Factors on Seed Germination and Seedling Emergence of a Noxious Environmental Weed: Green Galenia (Galenia pubescens). *Weed Science*, **2016**, 64, 486-494	2	25

293	Managing weeds using crop competition in soybean [Glycine max (L.) Merr.]. *Crop Protection*, **2017**, 95, 60-68	2.7	25
292	Germination of Spotted Spurge (Chamaesyce maculata) Seeds in Response to Different Environmental Factors. *Weed Science*, **2015**, 63, 502-510	2	25
291	Factors affecting turnipweed (Rapistrum rugosum) seed germination in southern Australia. *Weed Science*, **2006**, 54, 1032-1036	2	25
290	Seed Germination Ecology of Doveweed (Murdannia nudiflora) and Its Implication for Management in Dry-Seeded Rice. *Weed Science*, **2015**, 63, 491-501	2	24
289	Seed bank dynamics and emergence pattern of weeds as affected by tillage systems in dry direct-seeded rice. *Crop Protection*, **2015**, 67, 168-177	2.7	24
288	Weed Management in Dry-Seeded Fine Rice under Varying Row Spacing in the Rice-Wheat System of Punjab, Pakistan. *Plant Production Science*, **2014**, 17, 321-332	2.4	24
287	Germination, emergence, and dormancy of Mimosa pudica. *Weed Biology and Management*, **2009**, 9, 38-45	1.4	24
286	Factors affecting seed germination of little mallow (Malva parviflora) in southern Australia. *Weed Science*, **2006**, 54, 1045-1050	2	24
285	Tillage systems affect trifluralin bioavailability in soil. *Weed Science*, **2006**, 54, 941-947	2	24
284	The critical period for weed control in dry-seeded rice. *Crop Protection*, **2014**, 66, 80-85	2.7	23
283	Effect of Crop Residue on Seedling Emergence and Growth of Selected Weed Species in a Sprinkler-Irrigated Zero-Till Dry-Seeded Rice System. *Weed Science*, **2013**, 61, 403-409	2	23
282	Weedy rice (Oryza sativa) II. Response of Weedy Rice to Seed Burial and Flooding Depth. *Weed Science*, **2012**, 60, 385-388	2	23
281	Glyphosate Resistance of C3 and C4 Weeds under Rising Atmospheric CO2. *Frontiers in Plant Science*, **2016**, 7, 910	6.2	23
280	Factors Affecting Seed Germination of Feather Fingergrass (Chloris virgata). *Weed Science*, **2016**, 64, 605-612	2	23
279	Growth Response of Itchgrass (Rottboellia cochinchinensis) to Water Stress. *Weed Science*, **2013**, 61, 98-103	2	22
278	Genotypic Differences for Water-Use Efficiency and Weed Competitiveness in Dry Direct-Seeded Rice. *Agronomy Journal*, **2015**, 107, 1573-1583	2.2	21
277	Performance of different herbicides in dry-seeded rice in Bangladesh. *Scientific World Journal, The*, **2014**, 2014, 729418	2.2	21
276	Ludwigia hyssopifolia emergence and growth as affected by light, burial depth and water management. *Crop Protection*, **2009**, 28, 887-890	2.7	21

275	Seed Germination and Seedling Emergence of Synedrella (Synedrella nodiflora) in a Tropical Environment. *Weed Science*, **2009**, 57, 36-42	2	21
274	Mechanized Transplanting of Rice (<i>Oryza sativa</i> L.) in Nonpuddled and No-Till Conditions in the Rice-Wheat Cropping System in Haryana, India. *American Journal of Plant Sciences*, **2013**, 04, 2409-2413	0.5	21
273	Weed management in sorghum [Sorghum bicolor (L.) Moench] using crop competition: A review. *Crop Protection*, **2017**, 95, 74-80	2.7	20
272	Effect of elevated carbon dioxide concentration on growth, productivity and glyphosate response of parthenium weed (Parthenium hysterophorus L.). *Pest Management Science*, **2019**, 75, 2934-2941	4.6	20
271	Agronomic indices, growth, yield-contributing traits, and yield of dry-seeded rice under varying herbicides. *Field Crops Research*, **2015**, 177, 15-25	5.5	20
270	Integrated weed management approach to improve weed control efficiencies for sustainable rice production in dry-seeded systems. *Crop Protection*, **2015**, 71, 19-24	2.7	20
269	Optimizing hill seeding density for high-yielding hybrid rice in a single rice cropping system in South China. *PLoS ONE*, **2014**, 9, e109417	3.7	20
268	Shade reduces growth and seed production of Echinochloa colona, Echinochloa crus-galli, and Echinochloa glabrescens. *Crop Protection*, **2013**, 43, 241-245	2.7	20
267	The Influence of Environmental Factors on Germination of Burcucumber (Sicyos angulatus) Seeds: Implications for Range Expansion and Management. *Weed Science*, **2018**, 66, 494-501	2	19
266	Effect of tillage systems, seeding rates, and herbicides on weed growth and grain yield in dry-seeded rice systems in the Philippines. *Crop Protection*, **2013**, 54, 244-250	2.7	19
265	Implications of narrow crop row spacing in managing weeds in mungbean (Vigna radiata). *Crop Protection*, **2017**, 95, 116-119	2.7	19
264	Effect of growth stage on the efficacy of postemergence herbicides on four weed species of direct-seeded rice. *Scientific World Journal, The*, **2012**, 2012, 123071	2.2	19
263	Germination of Fresh Horse Purslane (Trianthema portulacastrum) Seeds in Response to Different Environmental Factors. *Weed Science*, **2011**, 59, 495-499	2	19
262	Assessing a novel smartphone application SnapCard, compared to five imaging systems to quantify droplet deposition on artificial collectors. *Computers and Electronics in Agriculture*, **2016**, 128, 193-198	6.5	18
261	Environmental factors effecting the germination and seedling emergence of two populations of an aggressive agricultural weed; Nassella trichotoma. *PLoS ONE*, **2018**, 13, e0199491	3.7	18
260	Weed dynamics as influenced by tillage system, sowing time and weed competition duration in dry-seeded rice. *Crop Protection*, **2015**, 71, 25-38	2.7	18
259	Weed Management in Mechanized-Sown, Zero-Till Dry-Seeded Rice. *Weed Technology*, **2013**, 27, 28-33	1.4	18
258	Seed germination ecology of feather lovegrass [Eragrostis tenella (L.) Beauv. Ex Roemer & J.A. Schultes]. *PLoS ONE*, **2013**, 8, e79398	3.7	18

257	Competitive interactions between weedy rice and cultivated rice as a function of added nitrogen and the level of competition. *Weed Biology and Management*, **2011**, 11, 202-209	1.4	18
256	Influence of environmental factors on the germination of Urena lobata L. and its response to herbicides. *PLoS ONE*, **2014**, 9, e90305	3.7	18
255	Water-saving technologies affect the grain characteristics and recovery of fine-grain rice cultivars in semi-arid environment. *Environmental Science and Pollution Research*, **2017**, 24, 12971-12981	5.1	17
254	Weed control in dry direct-seeded rice using tank mixtures of herbicides in South Asia. *Crop Protection*, **2015**, 72, 90-96	2.7	17
253	Weed management challenges in rice (Oryza sativa L.) for food security in Bhutan: A review. *Crop Protection*, **2016**, 90, 117-124	2.7	17
252	Biology, impact, and management of Echinochloa colona (L.) Link. *Crop Protection*, **2016**, 83, 56-66	2.7	17
251	Implications of plant geometry and weed control options in designing a low-seeding seed-drill for dry-seeded rice systems. *Field Crops Research*, **2013**, 144, 225-231	5.5	17
250	Factors Affecting Seed Germination of Perennial Wall Rocket (Diplotaxis tenuifolia) in Southern Australia. *Weed Science*, **2007**, 55, 481-485	2	17
249	Characterization of functional trait diversity among Indian cultivated and weedy rice populations. *Scientific Reports*, **2016**, 6, 24176	4.9	17
248	Alternative Options to Glyphosate for Control of Large and Plants in Cropping Fallows. *Plants*, **2019**, 8,	4.5	16
247	Impact of invasive plant species on the livelihoods of farming households: evidence from Parthenium hysterophorus invasion in rural Punjab, Pakistan. *Biological Invasions*, **2019**, 21, 3285-3304	2.7	16
246	Biology and management of Avena fatua and Avena ludoviciana: two noxious weed species of agro-ecosystems. *Environmental Science and Pollution Research*, **2017**, 24, 19465-19479	5.1	16
245	15 N tracer-based analysis of genotypic differences in the uptake and partitioning of N applied at different growth stages in transplanted rice. *Field Crops Research*, **2017**, 211, 27-36	5.5	16
244	Physiological and morphological responses of Ischaemum rugosum Salisb. (wrinkled grass) to different nitrogen rates and rice seeding rates. *PLoS ONE*, **2014**, 9, e98255	3.7	16
243	Germination biology of Hibiscus tridactylites in Australia and the implications for weed management. *Scientific Reports*, **2016**, 6, 26006	4.9	16
242	Efficacy and phytotoxicity of different rates of oxadiargyl and pendimethalin in dry-seeded rice (Oryza sativa L.) in Bangladesh. *Crop Protection*, **2015**, 72, 169-174	2.7	15
241	Environmental Factors Affecting Seed Germination and Seedling Emergence of Foxtail Sophora (Sophora alopecuroides). *Weed Science*, **2018**, 66, 71-77	2	15
240	Effect of rice establishment methods on weedy rice (Oryza sativa L.) infestation and grain yield of cultivated rice (O. sativa L.) in Sri Lanka. *Crop Protection*, **2014**, 55, 42-49	2.7	15

239	Integrated Weed Management Using Planting Pattern, Cultivar, and Herbicide in Dry-Seeded Rice in Northwest India. *Weed Science*, **2014**, 62, 350-359	2	15
238	Performance of Different Herbicides in a Dry-Seeded Rice System in Sri Lanka. *Weed Technology*, **2013**, 27, 459-462	1.4	15
237	Can herbicide safeners allow selective control of weedy rice infesting rice crops?. *Pest Management Science*, **2017**, 73, 71-77	4.6	15
236	Role of crop competition in managing weeds in rice, wheat, and maize in India: A review. *Crop Protection*, **2017**, 95, 14-21	2.7	15
235	Response of rice genotypes to weed competition in dry direct-seeded rice in India. *Scientific World Journal, The*, **2014**, 2014, 641589	2.2	15
234	Interaction of Rice Residue and PRE Herbicides on Emergence and Biomass of Four Weed Species. *Weed Technology*, **2012**, 26, 627-632	1.4	15
233	Crowfootgrass (Dactyloctenium aegyptium) Germination and Response to Herbicides in the Philippines. *Weed Science*, **2011**, 59, 512-516	2	15
232	Threelobe Morningglory (Ipomoea triloba) Germination and Response to Herbicides. *Weed Science*, **2012**, 60, 199-204	2	15
231	Performance of Dry Direct-Seeded Rice in Response to Genotype and Seeding Rate. *Agronomy Journal*, **2016**, 108, 257-265	2.2	15
230	Weed management in cotton (Gossypium hirsutum L.) through weed-crop competition: A review. *Crop Protection*, **2017**, 95, 53-59	2.7	14
229	Seed Germination and Seedling Emergence of Nalta Jute (Corchorus olitorius) and Redweed (Melochia concatenata): Important Broadleaf Weeds of the Tropics. *Weed Science*, **2008**, 56, 814-819	2	14
228	Effect of Water Stress on the Growth and Development of <i>Amaranthus spinosus, Leptochloa chinensis</i>, and Rice. *American Journal of Plant Sciences*, **2013**, 04, 989-998	0.5	14
227	Influence of selected environmental factors on seed germination and seedling survival of the arid zone invasive species tobacco bush (Nicotiana glauca R. Graham). *Rangeland Journal*, **2016**, 38, 417	1.5	14
226	Integrated effect of allelochemicals and herbicides on weed suppression and soil microbial activity in wheat (Triticum aestivum L.). *Crop Protection*, **2016**, 90, 34-39	2.7	14
225	Response of glyphosate-resistant and susceptible biotypes of Echinochloa colona to low doses of glyphosate in different soil moisture conditions. *PLoS ONE*, **2020**, 15, e0233428	3.7	13
224	Optimizing sowing management for short duration dry seeded aman rice on the High Ganges River Floodplain of Bangladesh. *Field Crops Research*, **2014**, 169, 77-88	5.5	13
223	Weed management using crop competition in Pakistan: A review. *Crop Protection*, **2017**, 95, 22-30	2.7	13
222	Comparison of photoperiod-sensitive and photoperiod-insensitive basmati cultivars for grain yield, water productivity, and quality traits under varied transplanting dates in Northwest India. *Crop and Pasture Science*, **2015**, 66, 793	2.2	13

221	Seed germination and seedling emergence of threehorn bedstraw (Galium tricornutum). *Weed Science*, **2006**, 54, 867-872	2	13
220	Rice Production in India **2017**, 53-91		13
219	Effect of spray droplet size on herbicide efficacy on four winter annual grasses. *Crop Protection*, **2018**, 112, 118-124	2.7	13
218	Ecological significance of rice (Oryza sativa) planting density and nitrogen rates in managing the growth and competitive ability of itchgrass (Rottboellia cochinchinensis) in direct-seeded rice systems. *Journal of Pest Science*, **2015**, 88, 427-438	5.5	12
217	Effect of herbicides on weed management in dry-seeded rice sown under different tillage systems. *Crop Protection*, **2016**, 80, 118-126	2.7	12
216	Weed emergence as affected by maize (Zea mays L.)-cover crop rotations in contrasting arable soils of Zimbabwe under conservation agriculture. *Crop Protection*, **2016**, 81, 47-56	2.7	12
215	Crop establishment techniques affect productivity, sustainability, and soil health under mustard-based cropping systems of Indian semi-arid regions. *Soil and Tillage Research*, **2016**, 158, 137-146	6.5	12
214	Effect of Salinity on Growth of Barnyardgrass (Echinochloa crus-galli), Horse Purslane (Trianthema portulacastrum), Junglerice (Echinochloa colona), and Rice. *Weed Science*, **2013**, 61, 244-248	2	12
213	Intercropping as an effective component of integrated weed management in tropical root and tuber crops: A review. *Crop Protection*, **2017**, 95, 89-100	2.7	12
212	Productivity, Weed Dynamics, Nutrient Mining, and Monetary Advantage of Maize-Legume Intercropping in the Eastern Himalayan Region of India. *Plant Production Science*, **2014**, 17, 342-352	2.4	12
211	Compensatory Growth of Ludwigia (Ludwigia hyssopifolia) in Response to Interference of Direct-Seeded Rice. *Weed Science*, **2011**, 59, 177-181	2	12
210	Phenotypic Plasticity of Chinese Sprangletop (Leptochloa chinensis) in Competition with Seeded Rice. *Weed Technology*, **2011**, 25, 652-658	1.4	12
209	A global perspective on the biology, impact and management of Chenopodium album and Chenopodium murale: two troublesome agricultural and environmental weeds. *Environmental Science and Pollution Research*, **2019**, 26, 5357-5371	5.1	12
208	Tillage, crop establishment, residue management and herbicide applications for effective weed control in direct seeded rice of eastern Indo□angetic Plains of South Asia. *Crop Protection*, **2019**, 123, 12-20	2.7	11
207	Optimizing Sowing and Flooding Depth for Anaerobic Germination-Tolerant Genotypes to Enhance Crop Establishment, Early Growth, and Weed Management in Dry-Seeded Rice (L.). *Frontiers in Plant Science*, **2018**, 9, 1654	6.2	11
206	Germination ecology of Chloris truncata and its implication for weed management. *PLoS ONE*, **2018** , 13, e0199949	3.7	11
205	Effect of Environmental Factors on Germination of Salsola foetida: Potential Species for Rehabilitation of Degraded Rangelands. *Rangeland Ecology and Management*, **2017**, 70, 638-643	2.2	10
204	Eco-biology, impact, and management of Sorghum halepense (L.) Pers.. *Biological Invasions*, **2017**, 1	2.7	10

203	The response of glyphosate-resistant and glyphosate-susceptible biotypes of annual sowthistle (Sonchus oleraceus) to mungbean density. *Weed Science*, **2019**, 67, 642-648	2	10
202	Management of complex weed flora in dry-seeded rice. *Crop Protection*, **2016**, 83, 20-26	2.7	10
201	Does intercropping play a role in alleviating weeds in cassava as a non-chemical tool of weed management? A review. *Crop Protection*, **2017**, 95, 81-88	2.7	10
200	Growth Plasticity of Junglerice (Echinochloa colona) for Resource Use When Grown with Different Rice (Oryza sativa) Planting Densities and Nitrogen Rates in Dry-Seeded Conditions. *Weed Science*, **2014**, 62, 571-587	2	10
199	Fertilizer Placement Affects Weed Growth and Grain Yield in Dry-Seeded Rice (<i>Oryza sativa</i> L.) Systems. *American Journal of Plant Sciences*, **2013**, 04, 1260-1264	0.5	10
198	Germination ecology of turnip weed (Rapistrum rugosum (L.) All.) in the northern regions of Australia. *PLoS ONE*, **2018**, 13, e0201023	3.7	10
197	The response of glyphosate-resistant and glyphosate-susceptible biotypes of Echinochloa colona to carbon dioxide, soil moisture and glyphosate. *Scientific Reports*, **2020**, 10, 329	4.9	9
196	Effect of pre-emergence herbicides and timing of soil saturation on the control of six major rice weeds and their phytotoxic effects on rice seedlings. *Crop Protection*, **2016**, 83, 37-47	2.7	9
195	Germination ecology of Sonchus oleraceus L. in the northern region of Australia. *Crop and Pasture Science*, **2018**, 69, 926	2.2	9
194	Eco-Biology and Management of Alligator Weed [Alternanthera philoxeroides) (Mart.) Griseb.]: a Review. *Wetlands*, **2018**, 38, 1067-1079	1.7	9
193	Influence of soil moisture regimes on growth, photosynthetic capacity, leaf biochemistry and reproductive capabilities of the invasive agronomic weed; Lactuca serriola. *PLoS ONE*, **2019**, 14, e0218191	3.7	9
192	Weed Management in Dry Direct-Seeded Rice: A Review on Challenges and Opportunities for Sustainable Rice Production. *Agronomy*, **2020**, 10, 1264	3.6	9
191	Management of herbicide-resistant Phalaris minor in wheat by sequential or tank-mix applications of pre- and post-emergence herbicides in north-western Indo-Gangetic Plains. *Crop Protection*, **2016**, 89, 239-247	2.7	9
190	Gene expression in response to glyphosate treatment in fleabane (Conyza bonariensis) glyphosate death response and candidate resistance genes. *Pest Management Science*, **2018**, 74, 2346-2355	4.6	9
189	Evaluation of dormancy breaking methods for enhanced germination in four biotypes of Brassica tournefortii. *Scientific Reports*, **2018**, 8, 17103	4.9	9
188	Investigation of alternate herbicides for effective weed management in glyphosate-tolerant cotton. *Archives of Agronomy and Soil Science*, **2019**, 65, 1885-1899	2	8
187	Weedy rice (Oryza sativa f. spontanea) problems and management in wet direct-seeded rice (O. sativa L.) in the Mekong Delta of Vietnam. *Crop Protection*, **2015**, 78, 40-47	2.7	8
186	Response of Barley Genotypes to Weed Interference in Australia. *Agronomy*, **2020**, 10, 99	3.6	8

185	Screening of water-efficient rice genotypes for dry direct seeding in South Asia. *Archives of Agronomy and Soil Science*, **2018**, 64, 103-115	2	8
184	Weed population dynamics, herbicide efficacies, and crop performance in a sprinkler-irrigated maize-rice cropping system. *Field Crops Research*, **2014**, 167, 119-130	5.5	8
183	Response of 10 Elite Green Super Rice Genotypes to Weed Infestation in Aerobic Rice Systems. *Plant Production Science*, **2015**, 18, 228-233	2.4	8
182	Effect of Plant Spacing on Growth and Grain Yield of Soybean. *American Journal of Plant Sciences*, **2013**, 04, 2011-2014	0.5	8
181	The response of glyphosate-resistant and glyphosate-susceptible biotypes of junglerice (Echinochloa colona) to mungbean interference. *Weed Science*, **2019**, 67, 419-425	2	8
180	Chemical control of parthenium weed (Parthenium hysterophorus L.) in two contrasting cultivars of rice under direct-seeded conditions. *Crop Protection*, **2019**, 117, 26-36	2.7	8
179	Germination Ecology of Two Australian Populations of African turnipweed (Sisymbrium thellungii). *Weed Science*, **2018**, 66, 752-757	2	8
178	Growth analysis and biomass partitioning of Cyperus iria in response to rice planting density and nitrogen rate. *Crop Protection*, **2015**, 74, 92-102	2.7	7
177	Germination ecology of hairy fleabane (Conyza bonariensis) and its implications for weed management. *Weed Science*, **2020**, 68, 411-417	2	7
176	Seed germination response of a noxious agricultural weed Echium plantagineum to temperature, light, pH, drought stress, salinity, heat and smoke. *Crop and Pasture Science*, **2018**, 69, 326	2.2	7
175	Basmati Rice in the Indian Subcontinent: Strategies to Boost Production and Quality Traits. *Advances in Agronomy*, **2018**, 151, 159-213	7.7	7
174	Seed Germination Ecology of Purple-Leaf Button Weed (Borreria ocymoides) and Indian Heliotrope (Heliotropium indicum): Two Common Weeds of Rain-Fed Rice. *Weed Science*, **2008**, 56, 670-675	2	7
173	Weedy Rice: An Emerging Threat for Direct-seeded Rice Production Systems in India. *Rice Research Open Access*, **2016**, 4,		7
172	Junglerice (Echinochloa colona) and feather fingergrass (Chloris virgata) seed production and retention at sorghum maturity. *Weed Technology*, **2020**, 34, 272-276	1.4	7
171	Target-Site Resistance to Glyphosate in Chloris Virgata Biotypes and Alternative Herbicide Options for its Control. *Agronomy*, **2020**, 10, 1266	3.6	7
170	An Overview of the Characteristics and Potential of From Botanical, Ecological, and Economic Perspectives. *Frontiers in Plant Science*, **2021**, 12, 690806	6.2	7
169	Germination Biology of Sesbania (Sesbania cannabina): An Emerging Weed in the Australian Cotton Agro-environment. *Weed Science*, **2019**, 67, 68-76	2	7
168	Annual ryegrass (Lolium rigidum Gaud) competition altered wheat grain quality: A study under elevated atmospheric CO levels and drought conditions. *Food Chemistry*, **2019**, 276, 285-290	8.5	7

167	Regeneration capacity after exposure to freezing in wild oat (Avena ludoviciana Durieu.) and turnipweed (Rapistrum rugosum (L.) All.) in comparison with winter wheat. *Environmental and Experimental Botany*, **2021**, 181, 104271	5.9	7
166	Crop Establishment and Weed Control Options for Sustaining Dry Direct Seeded Rice Production in Eastern India. *Agronomy*, **2021**, 11, 389	3.6	7
165	Effect of Soil Moisture Regimes on Growth and Seed Production of Two Australian Biotypes of O. E. Schulz. *Frontiers in Plant Science*, **2018**, 9, 1241	6.2	7
164	Relative time of weed and crop emergence is crucial for managing weed seed production: A study under an aerobic rice system. *Crop Protection*, **2017**, 99, 33-38	2.7	6
163	Seed-germination ecology of glyphosate-resistant and glyphosate-susceptible biotypes of Echinochloa colona in Australia. *Crop and Pasture Science*, **2019**, 70, 367	2.2	6
162	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia. *PLoS ONE*, **2020**, 15, e0221382	3.7	6
161	Effect of emergence time, inter- and intra-specific competition on growth and fecundity of Echinochloa crus-galli in dry-seeded rice. *Crop Protection*, **2016**, 87, 98-107	2.7	6
160	Optimum sowing date and cultivar duration of dry-seeded boro on the High Ganges River Floodplain of Bangladesh. *Field Crops Research*, **2016**, 190, 91-102	5.5	6
159	Row spacing is more important than seeding rate for increasing Rhodes grass (Chloris gayana) control and grain yield in soybean (Glycine max). *Crop and Pasture Science*, **2017**, 68, 620	2.2	6
158	Influence of Environmental Factors, Cultural Practices, and Herbicide Application on Seed Germination and Emergence Ecology of Ischaemum rugosum Salisb. *PLoS ONE*, **2015**, 10, e0137256	3.7	6
157	Growth of Purple Nutsedge (Cyperus rotundus) in Response to Interference with Direct-Seeded Rice. *Weed Technology*, **2012**, 26, 506-509	1.4	6
156	Phenotypic Plasticity of Spiny Amaranth (Amaranthus spinosus) and Longfruited Primrose-Willow (Ludwigia octovalvis) in Response to Rice Interference. *Weed Science*, **2012**, 60, 411-415	2	6
155	Effect of nitrogen application timings and varieties on growth and yield of wheat grown on raised beds. *Archives of Agronomy and Soil Science*, **2010**, 56, 211-222	2	6
154	Timing and Dose of Metolachlor Affect Rigid Ryegrass (Lolium rigidum) Control in Wheat. *Weed Technology*, **2007**, 21, 225-229	1.4	6
153	Environmental factors affecting the germination and seedling emergence of two populations of an emerging agricultural weed: wild lettuce (Lactuca serriola). *Crop and Pasture Science*, **2019**, 70, 709	2.2	6
152	Effect of different densities of parthenium weed (Parthenium hysterophorus L.) on the performance of direct-seeded rice under aerobic conditions. *Archives of Agronomy and Soil Science*, **2019**, 65, 796-808	2	6
151	Competition dynamics of Parthenium hysterophorus in direct-seeded aerobic rice fields. *Experimental Agriculture*, **2020**, 56, 196-203	1.7	6
150	Performance of sequential herbicides in dry-seeded rice in the Philippines. *Crop Protection*, **2015**, 74, 124-130	2.7	5

149	Efficacy and economics of different herbicides, their weed species selectivity, and the productivity of mechanized dry-seeded rice. *Crop Protection*, **2015**, 78, 239-246	2.7	5
148	Glyphosate Resistance in Sonchus oleraceus and Alternative Herbicide Options for Its Control in Southeast Australia. *Sustainability*, **2020**, 12, 8311	3.6	5
147	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana. *PLoS ONE*, **2020**, 15, e0234648	3.7	5
146	Resource-use maximisation through legume intercropping with maize in the eastern Himalayan region of India. *Crop and Pasture Science*, **2016**, 67, 508	2.2	5
145	Response of Chloris truncata to moisture stress, elevated carbon dioxide and herbicide application. *Scientific Reports*, **2019**, 9, 10721	4.9	5
144	Seed germination ecology of Bidens pilosa and its implications for weed management. *Scientific Reports*, **2019**, 9, 16004	4.9	5
143	Responses of super rice (Oryza sativa L.) to different planting methods for grain yield and nitrogen-use efficiency in the single cropping season. *PLoS ONE*, **2014**, 9, e104950	3.7	5
142	Integrated Weed Management in Rice **2014**, 125-153		5
141	Weed Growth and Grain Yield, as Affected by Herbicides, in Dry-seeded Rice in Sri Lanka. *Journal of Crop Improvement*, **2013**, 27, 419-429	1.4	5
140	Ecologically Based Weed Management Strategies **2014**, 1-11		5
139	Glyphosate-induced hormesis: impact on seedling growth and reproductive potential of common sowthistle (Sonchus oleraceus). *Weed Science*, **2020**, 68, 605-611	2	5
138	Interference of turnipweed (Rapistrum rugosum) and Mexican pricklepoppy (Argemone mexicana) in wheat. *Weed Science*, **2019**, 67, 666-672	2	5
137	Biology and management of Echinochloa colona and E. crus-galli in the northern grain regions of Australia. *Crop and Pasture Science*, **2019**, 70, 917	2.2	5
136	The efficacy of chemical options to control Echinochloa crus-galli in dry-seeded rice under alternative irrigation management and field layout. *Crop Protection*, **2019**, 118, 72-78	2.7	5
135	Rice Production in Australia **2017**, 169-184		4
134	Weed menace and management strategies for enhancing oilseed brassicas production in the Indian sub-continent: A review. *Crop Protection*, **2017**, 96, 245-257	2.7	4
133	Glyphosate-tolerant cotton in Australia: successes and failures. *Archives of Agronomy and Soil Science*, **2019**, 65, 1536-1553	2	4
132	Enhanced weed-crop competition effects on growth and seed production of herbicide-resistant and herbicide-susceptible annual sowthistle (Sonchus oleraceus). *Weed Biology and Management*, **2020**, 20, 38-46	1.4	4

131	Effects of sorghum residue in presence of pre-emergence herbicides on emergence and biomass of Echinochloa colona and Chloris virgata. *PLoS ONE*, **2020**, 15, e0229817	3.7	4
130	Herbicide resistance evolution can be tamed by diversity in irrigated Australian cotton: a multi-species, multi-herbicide modelling approach. *Pest Management Science*, **2018**, 74, 2363-2375	4.6	4
129	Overview and Significance of Non-Chemical Weed Control **2018**, 1-8		4
128	Environmental factors affecting the germination and emergence of white horehound (Marrubium vulgare L.): a weed of arid-zone areas. *Rangeland Journal*, **2018**, 40, 47	1.5	4
127	Effect of varied soil moisture regimes on the growth and reproduction of two Australian biotypes of junglerice (Echinochloa colona). *Weed Science*, **2019**, 67, 552-559	2	4
126	Challenges and Opportunities in Cotton Production **2019**, 371-390		4
125	Effect of Pretilachlor on Weedy Rice and Other Weeds in Wet-Seeded Rice Cultivation in South Vietnam. *Plant Production Science*, **2014**, 17, 315-320	2.4	4
124	Phenotypic Plasticity of Blistering Ammannia (Ammannia baccifera) in Competition with Direct-Seeded Rice. *Weed Technology*, **2013**, 27, 373-377	1.4	4
123	Evaluation Of Current Policies on the use of Unmanned Aerial Vehicles in Indian Agriculture. *Current Science*, **2019**, 117, 25	2.2	4
122	Rice Husk Biochar Influences Seedling Emergence of Junglerice (<i>Echinochloa colona</i>) and Herbicide Efficacy. *American Journal of Plant Sciences*, **2013**, 04, 1345-1350	0.5	4
121	Sustainable Weed Management **2019**, 249-286		4
120	Domestication and Development of Rice Cultivars **2017**, 207-216		4
119	Competitiveness of windmill grass (Chloris truncata) and feathertop Rhodes grass (Chloris virgata) in mungbean (Vigna radiata). *Crop and Pasture Science*, **2020**, 71, 916	2.2	4
118	Emergence and germination response of Sonchus oleraceus and Rapistrum rugosum to different temperatures and moisture stress regimes. *Plant Species Biology*, **2020**, 35, 16-23	1.3	4
117	Interference of wild oat (Avena fatua) and sterile oat (Avena sterilis ssp. ludoviciana) in wheat. *Weed Science*,1-7	2	4
116	Influence of selected environmental factors on seed germination and seedling emergence of Dinebra panicea var. brachiata (Steud.). *Crop Protection*, **2019**, 117, 121-127	2.7	4
115	Seed Germination Ecology of Soldier Thistle (Picnomon acarna): An Invasive Weed of Rainfed Crops in Iran. *Weed Science*, **2019**, 67, 261-266	2	4
114	Biological traits of six sterile oat biotypes in response to planting time. *Agronomy Journal*, **2021**, 113, 42-51	2.2	4

113	Seeding rate and genotype effects on weeds and yield of dry-seeded rice. *Crop Protection*, **2017**, 96, 68-76	2.7	3
112	Droplet-Size Effects on Control of Chloris spp. with Six POST Herbicides. *Weed Technology*, **2019**, 33, 153-158	1.4	3
111	Effect of Nitrogen Application, Rice Planting Density, and Water Regime on the Morphological Plasticity and Biomass Partitioning of Chinese Sprangletop (Leptochloa chinensis). *Weed Science*, **2015**, 63, 448-460	2	3
110	Parthenium weed (Parthenium hysterophorus) competition with grain sorghum under arid conditions. *Experimental Agriculture*, **2020**, 56, 387-396	1.7	3
109	Tillage based, site-specific weed control for conservation cropping systems. *Weed Technology*, **2020**, 34, 704-710	1.4	3
108	Complete chloroplast genome of glyphosate resistant L. from Australia, with notes on the small single copy (SSC) region orientation. *Mitochondrial DNA Part B: Resources*, **2018**, 3, 363-364	0.5	3
107	Weed Control Using Ground Cover Systems **2018**, 61-71		3
106	Biology and management of two Hordeum weedy species: A review. *Crop Protection*, **2019**, 125, 104908	2.7	3
105	An Introduction to Global Production Trends and Uses, History and Evolution, and Genetic and Biotechnological Improvements in Cotton **2019**, 1-22		3
104	Environmental factors affect seed germination and seedling emergence of invasive Centaurea balsamita. *Crop and Pasture Science*, **2017**, 68, 583	2.2	3
103	Complete chloroplast genome of glyphosate resistant (L.) Cronquist from Australia. *Mitochondrial DNA Part B: Resources*, **2017**, 2, 444-445	0.5	3
102	Management of Rottboellia cochinchinensis and other weeds through sequential application of herbicides in dry direct-seeded rice in the Philippines. *Crop Protection*, **2015**, 78, 131-136	2.7	3
101	Effect of Shade on Growth and Yield of Weedy Rice (Oryza sativa L.) Biotypes and a Rice (Oryza sativa L.) Cultivar from Asia. *Journal of Crop Improvement*, **2013**, 27, 272-280	1.4	3
100	Germination and seed persistence of Amaranthus retroflexus and Amaranthus viridis: Two emerging weeds in Australian cotton and other summer crops.. *PLoS ONE*, **2022**, 17, e0263798	3.7	3
99	Weedy Rice (<i>Oryza sativa</i> L.) Problem in Rice (<i>Oryza sativa</i> L.) Based Cropping Systems in the Philippines. *American Journal of Plant Sciences*, **2013**, 04, 2359-2366	0.5	3
98	Integrated Use of Herbicide and Crop Mulch in Suppressing Weed Growth in a Dry-Seeded Rice System. *American Journal of Plant Sciences*, **2013**, 04, 1611-1616	0.5	3
97	Influence of different environmental factors on the germination and seedling emergence of Ipomoea eriocarpa R. Br.. *Crop Protection*, **2020**, 130, 105070	2.7	3
96	Effect of emergence time on growth and fecundity of Rapistrum rugosum and Brassica tournefortii in the northern region of Australia. *Scientific Reports*, **2020**, 10, 15979	4.9	3

95	Amaranthus retroflexus L. (Redroot Pigweed): Effects of Elevated CO2 and Soil Moisture on Growth and Biomass and the Effect of Radiant Heat on Seed Germination. *Agronomy*, **2021**, 11, 728	3.6	3
94	Interference of annual sowthistle (Sonchus oleraceus) in wheat. *Weed Science*, **2019**, 1-21	2	3
93	Seed longevity and seedling emergence behavior of wild oat (Avena fatua) and sterile oat (Avena sterilis ssp. ludoviciana) in response to burial depth in eastern Australia. *Weed Science*, **2021**, 69, 362-371	2	3
92	Integrated weed management using row arrangements and herbicides in pigeonpea (Cajanus cajan) in Australia. *Crop and Pasture Science*, **2019**, 70, 676	2.2	2
91	Influence of row spacing and cultivar selection on annual ryegrass (Lolium rigidum) control and grain yield in chickpea (Cicer arietinum). *Crop and Pasture Science*, **2019**, 70, 140	2.2	2
90	Performance of Dry-Seeded Rice Genotypes under Varied Soil Moisture Regimes and Foliar-Applied Hormones. *Plants*, **2020**, 9,	4.5	2
89	Grain Quality of Dry-Seeded Rice in Response to Sowing Dates and Genotypes. *International Journal of Plant Production*, **2018**, 12, 95-106	2.4	2
88	CHALLENGES AND PROSPECTS OF WHEAT PRODUCTION IN BHUTAN: A REVIEW. *Experimental Agriculture*, **2018**, 54, 428-442	1.7	2
87	Thermal Weed Control: History, Mechanisms, and Impacts **2018**, 9-31		2
86	Management of Cleome rutidosperma DC. using high crop density in dry-seeded rice. *Crop Protection*, **2017**, 95, 120-128	2.7	2
85	Detecting the Seeds of Nassella neesiana in Large Round Hay Bales, by Means of Non-Destructive Core Sampling. *PLoS ONE*, **2015**, 10, e0137343	3.7	2
84	The need for speed: Timely prevention of the dispersal of noxious weeds in relief fodder using efficient sampling procedures. *Crop Protection*, **2015**, 70, 21-27	2.7	2
83	Seed Germination, Seedling Emergence, and Response to Herbicides of Wild Bushbean (Macroptilium lathyroides). *Weed Science*, **2014**, 62, 563-570	2	2
82	Challenges and Opportunities for Weed Management in No-Till Farming Systems **2020**, 107-125		2
81	Effects of various ecological factors on the germination of two crop and pasture weed species, Vulpia bromoides and Vulpia myuros. *New Zealand Plant Protection*,72, 135-146	1	2
80	Effect of Plant Geometry on Growth and Yield of Corn in the Rice-Corn Cropping System. *American Journal of Plant Sciences*, **2013**, 04, 1928-1931	0.5	2
79	Weed Interference Models **2020**, 117-142		2
78	Biology of Brassica tournefortii in the northern grains region of Australia. *Crop and Pasture Science*, **2020**, 71, 268	2.2	2

77	Germination Ecology of Brachiaria eruciformis in Australia and Its Implications for Weed Management. *Agronomy*, **2020**, 10, 30	3.6	2
76	The problem of Orobanche spp. and Phelipanche spp. and their management in Iran. *Weed Science*, **2020**, 68, 555-564	2	2
75	Crop residue retention suppresses seedling emergence and biomass of winter and summer Australian weed species. *Weed Biology and Management*, **2020**, 20, 118-128	1.4	2
74	Germination ecology of four African mustard (Brassica tournefortii Gouan) populations in the eastern region of Australia. *Weed Science*,1-7	2	2
73	Effect of planting time and row spacing on growth and seed production of junglerice (Echinochloa colona) and feather fingergrass (Chloris virgata) in sorghum. *Weed Technology*,1-17	1.4	2
72	Medicinal Value of Three Agricultural Weed Species of the Asteraceae Family: A Review. *Pharmacognosy Journal*, **2021**, 13, 264-277	1.6	2
71	Seed germination ecology of Sumatran fleabane (Conyza sumatrensis) in relations to various environmental parameters. *Weed Science*,1-8	2	2
70	Seedbank persistence and emergence pattern of Argemone mexicana, Rapistrum rugosum and Sonchus oleraceus in the eastern grain region of Australia. *Scientific Reports*, **2021**, 11, 18095	4.9	2
69	Germination ecology of wild mustard (Sinapis arvensis) and its implications for weed management. *Weed Science*,1-27	2	2
68	Cenchrus biflorus Roxb. (Indian sandbur), a blessing or curse in arid ecosystems: a review. *Grass and Forage Science*, **2017**, 72, 179-192	2.3	1
67	The response of glyphosate-resistant and glyphosate-susceptible biotypes of junglerice (Echinochloa colona) to mungbean interference. *Weed Science*, **2019**, 1-7	2	1
66	Biology, ecology and management of Raphanus raphanistrum L.: a noxious agricultural and environmental weed. *Environmental Science and Pollution Research*, **2020**, 27, 17692-17705	5.1	1
65	Complete chloroplast genome sequences of six lines of (L.) link. *Mitochondrial DNA Part B: Resources*, **2017**, 1, 945-946	0.5	1
64	Complete chloroplast genome sequences of two species of grass, Sw. and R.Br. *Mitochondrial DNA Part B: Resources*, **2017**, 1, 960-961	0.5	1
63	Growth of Echinochloa glabrescens in Response to Rice Cultivar and Density. *Journal of Crop Improvement*, **2013**, 27, 391-405	1.4	1
62	The world's first glyphosate-resistant case of Avena fatua L. and Avena sterilis ssp. ludoviciana (Durieu) Gillet & Magne and alternative herbicide options for their control.. *PLoS ONE*, **2022**, 17, e0262494	3.7	1
61	Glyphosate resistance in junglerice (Echinochloa colona) and alternative herbicide options for its effective control. *Weed Technology*,1-29	1.4	1
60	Influence of Seeding Rate, Nitrogen Rate and Weed Regimes on Productivity and Nitrogen Efficiency of Dry Direct-Seeded Rice. *International Journal of Plant Production*,1	2.4	1

59	Revisiting the concept of the critical period of weed control. *Journal of Agricultural Science*,1-7	1	1
58	Seedbank persistence of four summer grass weed species in the northeast cropping region of Australia.. *PLoS ONE*, **2022**, 17, e0262288	3.7	1
57	Cotton Production in Australia **2019**, 341-357		1
56	Next-Generation Sequencing Technologies and Their Implications for Efficient Utilization of Genetic Resources **2020**, 239-250		1
55	Growth behavior and glyphosate resistance level in 10 biotypes of Echinochloa colona in Australia		1
54	Effect of narrow row-spacing and weed crop competition duration on cotton productivity. *Archives of Agronomy and Soil Science*, **2020**, 1-13	2	1
53	Effect of Different Climate Change Variables on the Ecology and Management of through Glyphosate. *Plants*, **2021**, 10,	4.5	1
52	Differential germination characteristics of glyphosate-resistant and glyphosate-susceptible Chloris virgata populations under different temperature and moisture stress regimes. *PLoS ONE*, **2021**, 16, e0253346	3.7	1
51	Utilization of the neighborhood design to evaluate suitable cover crops and their density for Echinochloa colona management. *PLoS ONE*, **2021**, 16, e0254584	3.7	1
50	Physiological and biochemical indicators for assessing nitrogen-use efficiency in rice (Oryza sativa) genotypes under dry direct seeding. *Crop and Pasture Science*, **2016**, 67, 1158	2.2	1
49	Effect of emergence time on growth and fecundity of redroot pigweed (Amaranthus retroflexus) and slender amaranth (Amaranthus viridis): emerging problem weeds in Australian summer crops. *Weed Science*, **2021**, 69, 333-340	2	1
48	Effectiveness of glufosinate, dicamba, and clethodim on glyphosate-resistant and -susceptible populations of five key weeds in Australian cotton systems. *Weed Technology*,1-7	1.4	1
47	Seed germination biology of sweet acacia (Vachellia farnesiana) and response of its seedlings to herbicides. *Weed Science*,1-6	2	1
46	Evaluation of Preemergent Herbicides for Control in Mungbean. *Plants*, **2021**, 10,	4.5	1
45	Environmental factors affecting seed germination and seedling emergence of three Phalaris species. *Crop Protection*, **2021**, 148, 105743	2.7	1
44	Emerging Issues and Potential Opportunities in the Rice-Wheat Cropping System of North-Western India.. *Frontiers in Plant Science*, **2022**, 13, 832683	6.2	1
43	Screening of Herbicides for Rice Seedling Safety and Echinochloa colona Management under Australian Conditions. *Agronomy*, **2022**, 12, 1273	3.6	1
42	Rice Weeds and Their Management **2017**, 361-392		0

41	Genetic diversity and population structure analysis to study the evolution of herbicide resistance in Echinochloa colona ecotypes in Australia. *Acta Physiologiae Plantarum*, **2022**, 44, 1	2.6	0
40	Current status of herbicide-resistant weeds and their management in the rice-wheat cropping system of South Asia. *Advances in Agronomy*, **2022**, 307-354	7.7	0
39	Unravelling the genetic potential of untapped crop wild genetic resources for crop improvement. *Conservation Genetics Resources*,1	0.8	0
38	Effect of soil moisture regimes on the growth and fecundity of slender amaranth (Amaranthus viridis) and redroot pigweed (Amaranthus retroflexus). *Weed Science*, **2021**, 69, 82-87	2	0
37	Impacts of Climate Change on Weeds, Insect Pests, Plant Diseases and Crop Yields: Synthesis **2020**, 189-195		0
36	Response of glyphosate-resistant and glyphosate-susceptible biotypes of annual sowthistle (Sonchus oleraceus) to increased carbon dioxide and variable soil moisture. *Weed Science*, **2020**, 68, 575-581	2	0
35	Seed germination ecology of southeastern Australian rigid ryegrass (Lolium rigidum) populations. *Weed Science*,1-30	2	0
34	Chloris truncata and Chloris virgata **2021**, 113-129		0
33	Parthenium hysterophorus **2021**, 311-333		0
32	Influence of Echinochloa crus-galli density and emergence time on growth, productivity and critical period of competition with dry-seeded rice. *International Journal of Pest Management*,1-13	1.5	0
31	Management options for large plants of glyphosate-resistant feather fingergrass (Chloris virgata) in Australian fallow conditions.. *PLoS ONE*, **2021**, 16, e0261788	3.7	0
30	Seed germination ecology of leucaena (Leucaena leucocephala) as influenced by various environmental parameters. *Weed Science*,1-21	2	0
29	Biotechnological Road Map for Innovative Weed Management.. *Frontiers in Plant Science*, **2022**, 13, 887733	4.1	0
28	Interference of junglerice (Echinochloa colona) in mungbean. *Weed Science*,1-25	2	0
27	Horse purslane (Trianthema portulacastrum) control in pigeonpea with PRE and POST herbicides. *Weed Technology*, **2020**, 34, 764-769	1.4	
26	Weed Management in Cotton **2019**, 109-126		
25	Climate Change and Weeds of Cropping Systems **2020**, 57-84		
24	Assuring Crop Protection in the Face of Climate Change Through an Understanding of Herbicide Metabolisms and Enhanced Weed Control Strategies **2020**, 17-56		

23	Management of Volunteer Corn Seedlings in Dry-Seeded Rice. *American Journal of Plant Sciences*, **2013**, 04, 2381-2385	0.5
22	Agriculture and Crop Protection; Its Global Importance and Relationship with Climate Change **2020**, 1-16	
21	Ecological studies for plant characteristics of Fimbristylis miliacea under multiple resource limitations in dry-seeded upland ecosystems. *International Journal of Pest Management*, **2020**, 1-11	1.5
20	Sonchus oleraceus **2021**, 375-389	
19	Seed germination ecology of Sumatran fleabane (Conyza sumatrensis) in relations to various environmental parameters CORRIGENDUM. *Weed Science*,1-1	2
18	Phalaris minor and Phalaris paradoxa **2021**, 335-356	
17	Erigeron bonariensis, Erigeron canadensis, and Erigeron sumatrensis **2021**, 131-149	
16	Water-Wise Cultivation of Basmati Rice in Pakistan **2022**, 187-229	
15	Integrated use of the stale seedbed technique with preemergence herbicides to control weedy rice in wet seeded rice. *Weed Technology*,1-19	1.4
14	Performance of different herbicides on pondweed (Potamogeton nodosus) control in rice. *Weed Technology*,1-20	1.4
13	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
12	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
11	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
10	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
9	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
8	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia **2020**, 15, e0221382	
7	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	
6	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	

5	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	
4	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	
3	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	
2	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana **2020**, 15, e0234648	
1	Cyperus iria Weed Growth, Survival, and Fecundity in Response to Varying Weed Emergence Times and Densities in Dry-Seeded Rice Systems. *Agronomy*, **2022**, 12, 1006	3.6