

Bhagirath S Chauhan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

382
papers

7,543
citations

44
h-index

69
g-index

400
ext. papers

9,165
ext. citations

2.8
avg, IF

6.85
L-index

#	Paper	IF	Citations
382	The world's first glyphosate-resistant case of <i>Avena fatua</i> L. and <i>Avena sterilis</i> ssp. <i>ludoviciana</i> (Durieu) Gillet & Magne and alternative herbicide options for their control.. <i>PLoS ONE</i> , 2022 , 17, e0262494	3.7	1
381	Genetic diversity and population structure analysis to study the evolution of herbicide resistance in <i>Echinochloa colona</i> ecotypes in Australia. <i>Acta Physiologiae Plantarum</i> , 2022 , 44, 1	2.6	0
380	Current status of herbicide-resistant weeds and their management in the rice-wheat cropping system of South Asia. <i>Advances in Agronomy</i> , 2022 , 307-354	7.7	0
379	Germination and seed persistence of <i>Amaranthus retroflexus</i> and <i>Amaranthus viridis</i> : Two emerging weeds in Australian cotton and other summer crops.. <i>PLoS ONE</i> , 2022 , 17, e0263798	3.7	3
378	Seedbank persistence of four summer grass weed species in the northeast cropping region of Australia.. <i>PLoS ONE</i> , 2022 , 17, e0262288	3.7	1
377	Water-Wise Cultivation of Basmati Rice in Pakistan 2022 , 187-229		
376	Emerging Issues and Potential Opportunities in the Rice-Wheat Cropping System of North-Western India.. <i>Frontiers in Plant Science</i> , 2022 , 13, 832683	6.2	1
375	Biotechnological Road Map for Innovative Weed Management.. <i>Frontiers in Plant Science</i> , 2022 , 13, 887703	6.2	0
374	<i>Cyperus iria</i> Weed Growth, Survival, and Fecundity in Response to Varying Weed Emergence Times and Densities in Dry-Seeded Rice Systems. <i>Agronomy</i> , 2022 , 12, 1006	3.6	
373	Screening of Herbicides for Rice Seedling Safety and <i>Echinochloa colona</i> Management under Australian Conditions. <i>Agronomy</i> , 2022 , 12, 1273	3.6	1
372	Effect of soil moisture regimes on the growth and fecundity of slender amaranth (<i>Amaranthus viridis</i>) and redroot pigweed (<i>Amaranthus retroflexus</i>). <i>Weed Science</i> , 2021 , 69, 82-87	2	0
371	<i>Amaranthus retroflexus</i> L. (Redroot Pigweed): Effects of Elevated CO ₂ and Soil Moisture on Growth and Biomass and the Effect of Radiant Heat on Seed Germination. <i>Agronomy</i> , 2021 , 11, 728	3.6	3
370	Effect of Different Climate Change Variables on the Ecology and Management of through Glyphosate. <i>Plants</i> , 2021 , 10,	4.5	1
369	Differential germination characteristics of glyphosate-resistant and glyphosate-susceptible <i>Chloris virgata</i> populations under different temperature and moisture stress regimes. <i>PLoS ONE</i> , 2021 , 16, e0253346	3.7	1
368	An Overview of the Characteristics and Potential of From Botanical, Ecological, and Economic Perspectives. <i>Frontiers in Plant Science</i> , 2021 , 12, 690806	6.2	7
367	Utilization of the neighborhood design to evaluate suitable cover crops and their density for <i>Echinochloa colona</i> management. <i>PLoS ONE</i> , 2021 , 16, e0254584	3.7	1
366	Regeneration capacity after exposure to freezing in wild oat (<i>Avena ludoviciana</i> Durieu.) and turnipweed (<i>Rapistrum rugosum</i> (L.) All.) in comparison with winter wheat. <i>Environmental and Experimental Botany</i> , 2021 , 181, 104271	5.9	7

365	Biological traits of six sterile oat biotypes in response to planting time. <i>Agronomy Journal</i> , 2021 , 113, 42-51	2.2	4
364	Medicinal Value of Three Agricultural Weed Species of the Asteraceae Family: A Review. <i>Pharmacognosy Journal</i> , 2021 , 13, 264-277	1.6	2
363	<i>Chloris truncata</i> and <i>Chloris virgata</i> 2021 , 113-129		0
362	<i>Parthenium hysterophorus</i> 2021 , 311-333		0
361	<i>Sonchus oleraceus</i> 2021 , 375-389		
360	Seed longevity and seedling emergence behavior of wild oat (<i>Avena fatua</i>) and sterile oat (<i>Avena sterilis</i> ssp. <i>ludoviciana</i>) in response to burial depth in eastern Australia. <i>Weed Science</i> , 2021 , 69, 362-371 ²		3
359	Effect of emergence time on growth and fecundity of redroot pigweed (<i>Amaranthus retroflexus</i>) and slender amaranth (<i>Amaranthus viridis</i>): emerging problem weeds in Australian summer crops. <i>Weed Science</i> , 2021 , 69, 333-340	2	1
358	Crop Establishment and Weed Control Options for Sustaining Dry Direct Seeded Rice Production in Eastern India. <i>Agronomy</i> , 2021 , 11, 389	3.6	7
357	Evaluation of Preemergent Herbicides for Control in Mungbean. <i>Plants</i> , 2021 , 10,	4.5	1
356	Seedbank persistence and emergence pattern of <i>Argemone mexicana</i> , <i>Rapistrum rugosum</i> and <i>Sonchus oleraceus</i> in the eastern grain region of Australia. <i>Scientific Reports</i> , 2021 , 11, 18095	4.9	2
355	Environmental factors affecting seed germination and seedling emergence of three <i>Phalaris</i> species. <i>Crop Protection</i> , 2021 , 148, 105743	2.7	1
354	<i>Phalaris minor</i> and <i>Phalaris paradoxa</i> 2021 , 335-356		
353	<i>Erigeron bonariensis</i> , <i>Erigeron canadensis</i> , and <i>Erigeron sumatrensis</i> 2021 , 131-149		
352	Management options for large plants of glyphosate-resistant feather fingergrass (<i>Chloris virgata</i>) in Australian fallow conditions.. <i>PLoS ONE</i> , 2021 , 16, e0261788	3.7	0
351	Glyphosate Resistance in <i>Sonchus oleraceus</i> and Alternative Herbicide Options for Its Control in Southeast Australia. <i>Sustainability</i> , 2020 , 12, 8311	3.6	5
350	Horse purslane (<i>Trianthema portulacastrum</i>) control in pigeonpea with PRE and POST herbicides. <i>Weed Technology</i> , 2020 , 34, 764-769	1.4	
349	<i>Parthenium</i> weed (<i>Parthenium hysterophorus</i>) competition with grain sorghum under arid conditions. <i>Experimental Agriculture</i> , 2020 , 56, 387-396	1.7	3
348	Enhanced weed-crop competition effects on growth and seed production of herbicide-resistant and herbicide-susceptible annual sowthistle (<i>Sonchus oleraceus</i>). <i>Weed Biology and Management</i> , 2020 , 20, 38-46	1.4	4

347	Response of glyphosate-resistant and susceptible biotypes of <i>Echinochloa colona</i> to low doses of glyphosate in different soil moisture conditions. <i>PLoS ONE</i> , 2020 , 15, e0233428	3.7	13
346	Tillage based, site-specific weed control for conservation cropping systems. <i>Weed Technology</i> , 2020 , 34, 704-710	1.4	3
345	Biology, ecology and management of <i>Raphanus raphanistrum</i> L.: a noxious agricultural and environmental weed. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 17692-17705	5.1	1
344	Effects of sorghum residue in presence of pre-emergence herbicides on emergence and biomass of <i>Echinochloa colona</i> and <i>Chloris virgata</i> . <i>PLoS ONE</i> , 2020 , 15, e0229817	3.7	4
343	Influence of soil moisture levels on the growth and reproductive behaviour of <i>Avena fatua</i> and <i>Avena ludoviciana</i> . <i>PLoS ONE</i> , 2020 , 15, e0234648	3.7	5
342	Growth behavior and glyphosate resistance level in 10 populations of <i>Echinochloa colona</i> in Australia. <i>PLoS ONE</i> , 2020 , 15, e0221382	3.7	6
341	Response of Barley Genotypes to Weed Interference in Australia. <i>Agronomy</i> , 2020 , 10, 99	3.6	8
340	The response of glyphosate-resistant and glyphosate-susceptible biotypes of <i>Echinochloa colona</i> to carbon dioxide, soil moisture and glyphosate. <i>Scientific Reports</i> , 2020 , 10, 329	4.9	9
339	Grand Challenges in Weed Management. <i>Frontiers in Agronomy</i> , 2020 , 1,	4	37
338	Germination ecology of hairy fleabane (<i>Conyza bonariensis</i>) and its implications for weed management. <i>Weed Science</i> , 2020 , 68, 411-417	2	7
337	Performance of Dry-Seeded Rice Genotypes under Varied Soil Moisture Regimes and Foliar-Applied Hormones. <i>Plants</i> , 2020 , 9,	4.5	2
336	Challenges and Opportunities for Weed Management in No-Till Farming Systems 2020 , 107-125		2
335	Weed Interference Models 2020 , 117-142		2
334	Climate Change and Weeds of Cropping Systems 2020 , 57-84		
333	Next-Generation Sequencing Technologies and Their Implications for Efficient Utilization of Genetic Resources 2020 , 239-250		1
332	Assuring Crop Protection in the Face of Climate Change Through an Understanding of Herbicide Metabolisms and Enhanced Weed Control Strategies 2020 , 17-56		
331	Biology of <i>Brassica tournefortii</i> in the northern grains region of Australia. <i>Crop and Pasture Science</i> , 2020 , 71, 268	2.2	2
330	Competitiveness of windmill grass (<i>Chloris truncata</i>) and feathertop Rhodes grass (<i>Chloris virgata</i>) in mungbean (<i>Vigna radiata</i>). <i>Crop and Pasture Science</i> , 2020 , 71, 916	2.2	4

329	Junglerice (<i>Echinochloa colona</i>) and feather fingergrass (<i>Chloris virgata</i>) seed production and retention at sorghum maturity. <i>Weed Technology</i> , 2020 , 34, 272-276	1.4	7
328	Emergence and germination response of <i>Sonchus oleraceus</i> and <i>Rapistrum rugosum</i> to different temperatures and moisture stress regimes. <i>Plant Species Biology</i> , 2020 , 35, 16-23	1.3	4
327	Influence of different environmental factors on the germination and seedling emergence of <i>Ipomoea eriocarpa</i> R. Br.. <i>Crop Protection</i> , 2020 , 130, 105070	2.7	3
326	Germination Ecology of <i>Brachiaria eruciformis</i> in Australia and Its Implications for Weed Management. <i>Agronomy</i> , 2020 , 10, 30	3.6	2
325	Effect of narrow row-spacing and weed crop competition duration on cotton productivity. <i>Archives of Agronomy and Soil Science</i> , 2020 , 1-13	2	1
324	Glyphosate-induced hormesis: impact on seedling growth and reproductive potential of common sowthistle (<i>Sonchus oleraceus</i>). <i>Weed Science</i> , 2020 , 68, 605-611	2	5
323	The problem of <i>Orobanche</i> spp. and <i>Phelipanche</i> spp. and their management in Iran. <i>Weed Science</i> , 2020 , 68, 555-564	2	2
322	Impacts of Climate Change on Weeds, Insect Pests, Plant Diseases and Crop Yields: Synthesis 2020 , 189-195		0
321	Agriculture and Crop Protection; Its Global Importance and Relationship with Climate Change 2020 , 1-16		
320	Ecological studies for plant characteristics of <i>Fimbristylis miliacea</i> under multiple resource limitations in dry-seeded upland ecosystems. <i>International Journal of Pest Management</i> , 2020 , 1-11	1.5	
319	Effect of emergence time on growth and fecundity of <i>Rapistrum rugosum</i> and <i>Brassica tournefortii</i> in the northern region of Australia. <i>Scientific Reports</i> , 2020 , 10, 15979	4.9	3
318	Target-Site Resistance to Glyphosate in <i>Chloris Virgata</i> Biotypes and Alternative Herbicide Options for its Control. <i>Agronomy</i> , 2020 , 10, 1266	3.6	7
317	Weed Management in Dry Direct-Seeded Rice: A Review on Challenges and Opportunities for Sustainable Rice Production. <i>Agronomy</i> , 2020 , 10, 1264	3.6	9
316	Response of glyphosate-resistant and glyphosate-susceptible biotypes of annual sowthistle (<i>Sonchus oleraceus</i>) to increased carbon dioxide and variable soil moisture. <i>Weed Science</i> , 2020 , 68, 575-581		0
315	Crop residue retention suppresses seedling emergence and biomass of winter and summer Australian weed species. <i>Weed Biology and Management</i> , 2020 , 20, 118-128	1.4	2
314	Competition dynamics of <i>Parthenium hysterophorus</i> in direct-seeded aerobic rice fields. <i>Experimental Agriculture</i> , 2020 , 56, 196-203	1.7	6
313	Growth behavior and glyphosate resistance level in 10 populations of <i>Echinochloa colona</i> in Australia 2020 , 15, e0221382		
312	Growth behavior and glyphosate resistance level in 10 populations of <i>Echinochloa colona</i> in Australia 2020 , 15, e0221382		

311	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia 2020 , 15, e0221382		
310	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia 2020 , 15, e0221382		
309	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia 2020 , 15, e0221382		
308	Growth behavior and glyphosate resistance level in 10 populations of Echinochloa colona in Australia 2020 , 15, e0221382		
307	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
306	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
305	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
304	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
303	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
302	Influence of soil moisture levels on the growth and reproductive behaviour of Avena fatua and Avena ludoviciana 2020 , 15, e0234648		
301	Glyphosate-tolerant cotton in Australia: successes and failures. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 1536-1553	2	4
300	The response of glyphosate-resistant and glyphosate-susceptible biotypes of annual sowthistle (<i>Sonchus oleraceus</i>) to mungbean density. <i>Weed Science</i> , 2019 , 67, 642-648	2	10
299	Integrated weed management using row arrangements and herbicides in pigeonpea (<i>Cajanus cajan</i>) in Australia. <i>Crop and Pasture Science</i> , 2019 , 70, 676	2.2	2
298	Droplet-Size Effects on Control of <i>Chloris</i> spp. with Six POST Herbicides. <i>Weed Technology</i> , 2019 , 33, 153-158	1.4	3
297	Tillage, crop establishment, residue management and herbicide applications for effective weed control in direct seeded rice of eastern Indo-Gangetic Plains of South Asia. <i>Crop Protection</i> , 2019 , 123, 12-20	2.7	11
296	The response of glyphosate-resistant and glyphosate-susceptible biotypes of junglerice (<i>Echinochloa colona</i>) to mungbean interference. <i>Weed Science</i> , 2019 , 1-7	2	1
295	Seed-germination ecology of glyphosate-resistant and glyphosate-susceptible biotypes of <i>Echinochloa colona</i> in Australia. <i>Crop and Pasture Science</i> , 2019 , 70, 367	2.2	6
294	Effect of elevated carbon dioxide concentration on growth, productivity and glyphosate response of parthenium weed (<i>Parthenium hysterophorus</i> L.). <i>Pest Management Science</i> , 2019 , 75, 2934-2941	4.6	20

293	Investigation of alternate herbicides for effective weed management in glyphosate-tolerant cotton. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 1885-1899	2	8
292	Influence of row spacing and cultivar selection on annual ryegrass (<i>Lolium rigidum</i>) control and grain yield in chickpea (<i>Cicer arietinum</i>). <i>Crop and Pasture Science</i> , 2019 , 70, 140	2.2	2
291	Biology and management of two <i>Hordeum</i> weedy species: A review. <i>Crop Protection</i> , 2019 , 125, 104908	2.7	3
290	Influence of soil moisture regimes on growth, photosynthetic capacity, leaf biochemistry and reproductive capabilities of the invasive agronomic weed; <i>Lactuca serriola</i> . <i>PLoS ONE</i> , 2019 , 14, e0218191	3.7	9
289	Effect of varied soil moisture regimes on the growth and reproduction of two Australian biotypes of junglerice (<i>Echinochloa colona</i>). <i>Weed Science</i> , 2019 , 67, 552-559	2	4
288	Response of <i>Chloris truncata</i> to moisture stress, elevated carbon dioxide and herbicide application. <i>Scientific Reports</i> , 2019 , 9, 10721	4.9	5
287	Alternative Options to Glyphosate for Control of Large and Plants in Cropping Fallows. <i>Plants</i> , 2019 , 8,	4.5	16
286	Impact of invasive plant species on the livelihoods of farming households: evidence from <i>Parthenium hysterophorus</i> invasion in rural Punjab, Pakistan. <i>Biological Invasions</i> , 2019 , 21, 3285-3304	2.7	16
285	An Introduction to Global Production Trends and Uses, History and Evolution, and Genetic and Biotechnological Improvements in Cotton 2019 , 1-22		3
284	Weed Management in Cotton 2019 , 109-126		
283	Seed germination ecology of <i>Bidens pilosa</i> and its implications for weed management. <i>Scientific Reports</i> , 2019 , 9, 16004	4.9	5
282	Challenges and Opportunities in Cotton Production 2019 , 371-390		4
281	Evaluation Of Current Policies on the use of Unmanned Aerial Vehicles in Indian Agriculture. <i>Current Science</i> , 2019 , 117, 25	2.2	4
280	Cotton Production in Australia 2019 , 341-357		1
279	Sustainable Weed Management 2019 , 249-286		4
278	Environmental factors affecting the germination and seedling emergence of two populations of an emerging agricultural weed: wild lettuce (<i>Lactuca serriola</i>). <i>Crop and Pasture Science</i> , 2019 , 70, 709	2.2	6
277	Interference of annual sowthistle (<i>Sonchus oleraceus</i>) in wheat. <i>Weed Science</i> , 2019 , 1-21	2	3
276	The response of glyphosate-resistant and glyphosate-susceptible biotypes of junglerice (<i>Echinochloa colona</i>) to mungbean interference. <i>Weed Science</i> , 2019 , 67, 419-425	2	8

275	Interference of turnipweed (<i>Rapistrum rugosum</i>) and Mexican pricklepoppy (<i>Argemone mexicana</i>) in wheat. <i>Weed Science</i> , 2019 , 67, 666-672	2	5
274	Biology and management of <i>Echinochloa colona</i> and <i>E. crus-galli</i> in the northern grain regions of Australia. <i>Crop and Pasture Science</i> , 2019 , 70, 917	2.2	5
273	Influence of selected environmental factors on seed germination and seedling emergence of <i>Dinebra panicea</i> var. <i>brachiata</i> (Steud.). <i>Crop Protection</i> , 2019 , 117, 121-127	2.7	4
272	Chemical control of parthenium weed (<i>Parthenium hysterophorus</i> L.) in two contrasting cultivars of rice under direct-seeded conditions. <i>Crop Protection</i> , 2019 , 117, 26-36	2.7	8
271	The efficacy of chemical options to control <i>Echinochloa crus-galli</i> in dry-seeded rice under alternative irrigation management and field layout. <i>Crop Protection</i> , 2019 , 118, 72-78	2.7	5
270	A global perspective on the biology, impact and management of <i>Chenopodium album</i> and <i>Chenopodium murale</i> : two troublesome agricultural and environmental weeds. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5357-5371	5.1	12
269	Seed Germination Ecology of Soldier Thistle (<i>Picnomon acarna</i>): An Invasive Weed of Rainfed Crops in Iran. <i>Weed Science</i> , 2019 , 67, 261-266	2	4
268	Germination Biology of <i>Sesbania</i> (<i>Sesbania cannabina</i>): An Emerging Weed in the Australian Cotton Agro-environment. <i>Weed Science</i> , 2019 , 67, 68-76	2	7
267	Effect of different densities of parthenium weed (<i>Parthenium hysterophorus</i> L.) on the performance of direct-seeded rice under aerobic conditions. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 796-808	2	6
266	Annual ryegrass (<i>Lolium rigidum</i> Gaud) competition altered wheat grain quality: A study under elevated atmospheric CO levels and drought conditions. <i>Food Chemistry</i> , 2019 , 276, 285-290	8.5	7
265	Herbicide resistance evolution can be tamed by diversity in irrigated Australian cotton: a multi-species, multi-herbicide modelling approach. <i>Pest Management Science</i> , 2018 , 74, 2363-2375	4.6	4
264	Complete chloroplast genome of glyphosate resistant <i>L. from Australia</i> , with notes on the small single copy (SSC) region orientation. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 363-364	0.5	3
263	Grain Quality of Dry-Seeded Rice in Response to Sowing Dates and Genotypes. <i>International Journal of Plant Production</i> , 2018 , 12, 95-106	2.4	2
262	Seed germination response of a noxious agricultural weed <i>Echium plantagineum</i> to temperature, light, pH, drought stress, salinity, heat and smoke. <i>Crop and Pasture Science</i> , 2018 , 69, 326	2.2	7
261	CHALLENGES AND PROSPECTS OF WHEAT PRODUCTION IN BHUTAN: A REVIEW. <i>Experimental Agriculture</i> , 2018 , 54, 428-442	1.7	2
260	Screening of water-efficient rice genotypes for dry direct seeding in South Asia. <i>Archives of Agronomy and Soil Science</i> , 2018 , 64, 103-115	2	8
259	Germination Ecology of Two Australian Biotypes of Ragweed <i>Parthenium</i> (<i>Parthenium hysterophorus</i>) Relates to Their Invasiveness. <i>Weed Science</i> , 2018 , 66, 62-70	2	29
258	Understanding crop-weed-fertilizer-water interactions and their implications for weed management in agricultural systems. <i>Crop Protection</i> , 2018 , 103, 65-72	2.7	41

257	Environmental Factors Affecting Seed Germination and Seedling Emergence of Foxtail Sophora (<i>Sophora alopecuroides</i>). <i>Weed Science</i> , 2018 , 66, 71-77	2	15
256	Basmati Rice in the Indian Subcontinent: Strategies to Boost Production and Quality Traits. <i>Advances in Agronomy</i> , 2018 , 151, 159-213	7.7	7
255	Germination ecology of <i>Sonchus oleraceus</i> L. in the northern region of Australia. <i>Crop and Pasture Science</i> , 2018 , 69, 926	2.2	9
254	Overview and Significance of Non-Chemical Weed Control 2018 , 1-8		4
253	Environmental factors effecting the germination and seedling emergence of two populations of an aggressive agricultural weed; <i>Nassella trichotoma</i> . <i>PLoS ONE</i> , 2018 , 13, e0199491	3.7	18
252	Weed Control Using Ground Cover Systems 2018 , 61-71		3
251	Thermal Weed Control: History, Mechanisms, and Impacts 2018 , 9-31		2
250	Eco-Biology and Management of Alligator Weed [<i>Alternanthera philoxeroides</i> (Mart.) Griseb.]: a Review. <i>Wetlands</i> , 2018 , 38, 1067-1079	1.7	9
249	The Influence of Environmental Factors on Germination of Burcucumber (<i>Sicyos angulatus</i>) Seeds: Implications for Range Expansion and Management. <i>Weed Science</i> , 2018 , 66, 494-501	2	19
248	Environmental factors affecting the germination and emergence of white horehound (<i>Marrubium vulgare</i> L.): a weed of arid-zone areas. <i>Rangeland Journal</i> , 2018 , 40, 47	1.5	4
247	Gene expression in response to glyphosate treatment in fleabane (<i>Conyza bonariensis</i>)—glyphosate death response and candidate resistance genes. <i>Pest Management Science</i> , 2018 , 74, 2346-2355	4.6	9
246	Optimizing Sowing and Flooding Depth for Anaerobic Germination-Tolerant Genotypes to Enhance Crop Establishment, Early Growth, and Weed Management in Dry-Seeded Rice (L.). <i>Frontiers in Plant Science</i> , 2018 , 9, 1654	6.2	11
245	Evaluation of dormancy breaking methods for enhanced germination in four biotypes of <i>Brassica tournefortii</i> . <i>Scientific Reports</i> , 2018 , 8, 17103	4.9	9
244	Effect of Soil Moisture Regimes on Growth and Seed Production of Two Australian Biotypes of <i>O. E. Schulz</i> . <i>Frontiers in Plant Science</i> , 2018 , 9, 1241	6.2	7
243	Germination Ecology of Two Australian Populations of African turnipweed (<i>Sisymbrium thellungii</i>). <i>Weed Science</i> , 2018 , 66, 752-757	2	8
242	Germination ecology of <i>Chloris truncata</i> and its implication for weed management. <i>PLoS ONE</i> , 2018 , 13, e0199949	3.7	11
241	Germination ecology of turnip weed (<i>Rapistrum rugosum</i> (L.) All.) in the northern regions of Australia. <i>PLoS ONE</i> , 2018 , 13, e0201023	3.7	10
240	Effect of spray droplet size on herbicide efficacy on four winter annual grasses. <i>Crop Protection</i> , 2018 , 112, 118-124	2.7	13

239	Weed management in sorghum [<i>Sorghum bicolor</i> (L.) Moench] using crop competition: A review. <i>Crop Protection</i> , 2017 , 95, 74-80	2.7	20
238	<i>Cenchrus biflorus</i> Roxb. (Indian sandbur), a blessing or curse in arid ecosystems: a review. <i>Grass and Forage Science</i> , 2017 , 72, 179-192	2.3	1
237	Rice Production in Australia 2017 , 169-184		4
236	Weed menace and management strategies for enhancing oilseed brassicas production in the Indian sub-continent: A review. <i>Crop Protection</i> , 2017 , 96, 245-257	2.7	4
235	Rice Weeds and Their Management 2017 , 361-392		0
234	Seeding rate and genotype effects on weeds and yield of dry-seeded rice. <i>Crop Protection</i> , 2017 , 96, 68-76		3
233	Environment polluting conventional chemical control compared to an environmentally friendly IPM approach for control of diamondback moth, <i>Plutella xylostella</i> (L.), in China: a review. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 14537-14550	5.1	39
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216	Weed management using crop competition in Pakistan: A review. <i>Crop Protection</i> , 2017 , 95, 22-30	2.7	13
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108	Effect of Salinity on Growth of Barnyardgrass (<i>Echinochloa crus-galli</i>), Horse Purslane (<i>Trianthema portulacastrum</i>), Junglerice (<i>Echinochloa colona</i>), and Rice. <i>Weed Science</i> , 2013 , 61, 244-248	2	12
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103	Effects of water regime, nitrogen fertilization, and rice plant density on growth and reproduction of lowland weed <i>Echinochloa crus-galli</i> . <i>Crop Protection</i> , 2013 , 54, 142-147	2.7	28
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101	Weed Management in Mechanized-Sown, Zero-Till Dry-Seeded Rice. <i>Weed Technology</i> , 2013 , 27, 28-33	1.4	18
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83	Effect of tillage systems and herbicides on weed emergence, weed growth, and grain yield in dry-seeded rice systems. <i>Field Crops Research</i> , 2012 , 137, 56-69	5.5	74
82	Growth of Purple Nutsedge (<i>Cyperus rotundus</i>) in Response to Interference with Direct-Seeded Rice. <i>Weed Technology</i> , 2012 , 26, 506-509	1.4	6
81	Productivity and Sustainability of the Rice-Wheat Cropping System in the Indo-Gangetic Plains of the Indian subcontinent. <i>Advances in Agronomy</i> , 2012 , 315-369	7.7	207
80	Phenotypic Plasticity of Spiny Amaranth (<i>Amaranthus spinosus</i>) and Longfruited Primrose-Willow (<i>Ludwigia octovalvis</i>) in Response to Rice Interference. <i>Weed Science</i> , 2012 , 60, 411-415	2	6
79	Interaction of Rice Residue and PRE Herbicides on Emergence and Biomass of Four Weed Species. <i>Weed Technology</i> , 2012 , 26, 627-632	1.4	15
78	Weed Ecology and Weed Management Strategies for Dry-Seeded Rice in Asia. <i>Weed Technology</i> , 2012 , 26, 1-13	1.4	196

77	Weedy rice (<i>Oryza sativa</i>) II. Response of Weedy Rice to Seed Burial and Flooding Depth. <i>Weed Science</i> , 2012 , 60, 385-388	2	23
76	Effect of growth stage on the efficacy of postemergence herbicides on four weed species of direct-seeded rice. <i>Scientific World Journal, The</i> , 2012 , 2012, 123071	2.2	19
75	Crop performance and water- and nitrogen-use efficiencies in dry-seeded rice in response to irrigation and fertilizer amounts in northwest India. <i>Field Crops Research</i> , 2012 , 134, 59-70	5.5	104
74	Threelobe Morningglory (<i>Ipomoea triloba</i>) Germination and Response to Herbicides. <i>Weed Science</i> , 2012 , 60, 199-204	2	15
73	Crowfootgrass (<i>Dactyloctenium aegyptium</i>) Germination and Response to Herbicides in the Philippines. <i>Weed Science</i> , 2011 , 59, 512-516	2	15
72	Seed Germination Ecology of Itchgrass (<i>Rottboellia cochinchinensis</i>). <i>Weed Science</i> , 2011 , 59, 182-187	2	32
71	Compensatory Growth of <i>Ludwigia</i> (<i>Ludwigia hyssopifolia</i>) in Response to Interference of Direct-Seeded Rice. <i>Weed Science</i> , 2011 , 59, 177-181	2	12
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69	Competitive interactions between weedy rice and cultivated rice as a function of added nitrogen and the level of competition. <i>Weed Biology and Management</i> , 2011 , 11, 202-209	1.4	18
68	Ecological studies on <i>Echinochloa crus-galli</i> and the implications for weed management in direct-seeded rice. <i>Crop Protection</i> , 2011 , 30, 1385-1391	2.7	63
67	Relations of rice seeding rates to crop and weed growth in aerobic rice. <i>Field Crops Research</i> , 2011 , 121, 105-115	5.5	77
66	Row spacing and weed control timing affect yield of aerobic rice. <i>Field Crops Research</i> , 2011 , 121, 226-235	5.5	124
65	Effects of Planting Pattern and Cultivar on Weed and Crop Growth in Aerobic Rice System. <i>Weed Technology</i> , 2011 , 25, 521-525	1.4	37
64	Germination of Fresh Horse Purslane (<i>Trianthema portulacastrum</i>) Seeds in Response to Different Environmental Factors. <i>Weed Science</i> , 2011 , 59, 495-499	2	19
63	Growth Response of Direct-Seeded Rice to Oxadiazon and Bispyribac-Sodium in Aerobic and Saturated Soils. <i>Weed Science</i> , 2011 , 59, 119-122	2	45
62	Phenotypic Plasticity of Chinese Sprangletop (<i>Leptochloa chinensis</i>) in Competition with Seeded Rice. <i>Weed Technology</i> , 2011 , 25, 652-658	1.4	12
61	Post-dispersal predation of weed seeds in rice fields. <i>Weed Research</i> , 2010 , 50, 553-560	1.9	58
60	Effect of nitrogen application timings and varieties on growth and yield of wheat grown on raised beds. <i>Archives of Agronomy and Soil Science</i> , 2010 , 56, 211-222	2	6

59	Relative Importance of Shoot and Root Competition in Dry-Seeded Rice Growing with Junglerice (<i>Echinochloa colona</i>) and Ludwigia (<i>Ludwigia hyssopifolia</i>). <i>Weed Science</i> , 2010 , 58, 295-299	2	34
58	Growth and Reproduction of Junglerice (<i>Echinochloa colona</i>) in Response to Water Stress. <i>Weed Science</i> , 2010 , 58, 132-135	2	42
57	Implications of narrow crop row spacing and delayed <i>Echinochloa colona</i> and <i>Echinochloa crus-galli</i> emergence for weed growth and crop yield loss in aerobic rice. <i>Field Crops Research</i> , 2010 , 117, 177-182	5.5	78
56	Responses of Rice Flatsedge (<i>Cyperus iria</i>) and Barnyardgrass (<i>Echinochloa crus-galli</i>) to Rice Interference. <i>Weed Science</i> , 2010 , 58, 204-208	2	28
55	The Role of Seed Ecology in Improving Weed Management Strategies in the Tropics. <i>Advances in Agronomy</i> , 2010 , 221-262	7.7	177
54	Weedy Rice (<i>Oryza sativa</i>) I. Grain Characteristics and Growth Response to Competition of Weedy Rice Variants from Five Asian Countries. <i>Weed Science</i> , 2010 , 58, 374-380	2	30
53	<i>Ludwigia hyssopifolia</i> emergence and growth as affected by light, burial depth and water management. <i>Crop Protection</i> , 2009 , 28, 887-890	2.7	21
52	Seed germination ecology of <i>Portulaca oleracea</i> L.: an important weed of rice and upland crops. <i>Annals of Applied Biology</i> , 2009 , 155, 61-69	2.6	32
51	Ecological studies on <i>Cyperus difformis</i> , <i>Cyperus iria</i> and <i>Fimbristylis miliacea</i> : three troublesome annual sedge weeds of rice. <i>Annals of Applied Biology</i> , 2009 , 155, 103-112	2.6	52
50	Germination, emergence, and dormancy of <i>Mimosa pudica</i> . <i>Weed Biology and Management</i> , 2009 , 9, 38-45	4	24
49	Influence of tillage systems on weed seedling emergence pattern in rainfed rice. <i>Soil and Tillage Research</i> , 2009 , 106, 15-21	6.5	63
48	Yield and yield-attributing traits of rice (<i>Oryza sativa</i> L.) under lowland drought and suitability of early vigor as a selection criterion. <i>Field Crops Research</i> , 2009 , 114, 99-107	5.5	64
47	Seed Germination Ecology of Junglerice (<i>Echinochloa colona</i>): A Major Weed of Rice. <i>Weed Science</i> , 2009 , 57, 235-240	2	79
46	Germination Ecology of Spiny (<i>Amaranthus spinosus</i>) and Slender Amaranth (<i>A. viridis</i>): Troublesome Weeds of Direct-Seeded Rice. <i>Weed Science</i> , 2009 , 57, 379-385	2	42
45	Seed Germination and Seedling Emergence of <i>Synedrella</i> (<i>Synedrella nodiflora</i>) in a Tropical Environment. <i>Weed Science</i> , 2009 , 57, 36-42	2	21
44	Weed Management in Aerobic Rice in Northwestern Indo-Gangetic Plains. <i>Journal of Crop Improvement</i> , 2009 , 23, 366-382	1.4	64
43	Germination Ecology of Southern Crabgrass (<i>Digitaria ciliaris</i>) and India Crabgrass (<i>Digitaria longiflora</i>): Two Important Weeds of Rice in Tropics. <i>Weed Science</i> , 2008 , 56, 722-728	2	43
42	Influence of Environmental Factors on Seed Germination and Seedling Emergence of <i>Eclipta</i> (<i>Eclipta prostrata</i>) in a Tropical Environment. <i>Weed Science</i> , 2008 , 56, 383-388	2	77

41	Germination Ecology of Chinese Sprangletop (<i>Leptochloa chinensis</i>) in the Philippines. <i>Weed Science</i> , 2008 , 56, 820-825	2	50
40	Seed Germination Ecology of Purple-Leaf Button Weed (<i>Borreria ocymoides</i>) and Indian Heliotrope (<i>Heliotropium indicum</i>): Two Common Weeds of Rain-Fed Rice. <i>Weed Science</i> , 2008 , 56, 670-675	2	7
39	Germination Ecology of Two Troublesome Asteraceae Species of Rainfed Rice: Siam Weed (<i>Chromolaena odorata</i>) and Coat Buttons (<i>Tridax procumbens</i>). <i>Weed Science</i> , 2008 , 56, 567-573	2	39
38	Seed Germination and Seedling Emergence of Giant Sensitiveplant (<i>Mimosa invisa</i>). <i>Weed Science</i> , 2008 , 56, 244-248	2	46
37	Germination Ecology of Goosegrass (<i>Eleusine indica</i>): An Important Grass Weed of Rainfed Rice. <i>Weed Science</i> , 2008 , 56, 699-706	2	58
36	Seed Germination and Seedling Emergence of Nalta Jute (<i>Corchorus olitorius</i>) and Redweed (<i>Melochia concatenata</i>): Important Broadleaf Weeds of the Tropics. <i>Weed Science</i> , 2008 , 56, 814-819	2	14
35	Factors Affecting Seed Germination of Perennial Wall Rocket (<i>Diplotaxis tenuifolia</i>) in Southern Australia. <i>Weed Science</i> , 2007 , 55, 481-485	2	17
34	Effect of Seeding Systems and Dinitroaniline Herbicides on Emergence and Control of Rigid Ryegrass (<i>Lolium Rigidum</i>) in Wheat. <i>Weed Technology</i> , 2007 , 21, 53-58	1.4	35
33	Timing and Dose of Metolachlor Affect Rigid Ryegrass (<i>Lolium rigidum</i>) Control in Wheat. <i>Weed Technology</i> , 2007 , 21, 225-229	1.4	6
32	Tillage system effects on weed ecology, herbicide activity and persistence: a review. <i>Australian Journal of Experimental Agriculture</i> , 2006 , 46, 1557		125
31	Factors affecting turnipweed (<i>Rapistrum rugosum</i>) seed germination in southern Australia. <i>Weed Science</i> , 2006 , 54, 1032-1036	2	25
30	Influence of environmental factors on seed germination and seedling emergence of Oriental mustard (<i>Sisymbrium orientale</i>). <i>Weed Science</i> , 2006 , 54, 1025-1031	2	28
29	Influence of environmental factors on seed germination and seedling emergence of rigid ryegrass (<i>Lolium rigidum</i>). <i>Weed Science</i> , 2006 , 54, 1004-1012	2	63
28	Seedling recruitment pattern and depth of recruitment of 10 weed species in minimum tillage and no-till seeding systems. <i>Weed Science</i> , 2006 , 54, 658-668	2	62
27	Factors affecting seed germination of little mallow (<i>Malva parviflora</i>) in southern Australia. <i>Weed Science</i> , 2006 , 54, 1045-1050	2	24
26	African mustard (<i>Brassica tournefortii</i>) germination in southern Australia. <i>Weed Science</i> , 2006 , 54, 891-897		57
25	Factors affecting seed germination of annual sowthistle (<i>Sonchus oleraceus</i>) in southern Australia. <i>Weed Science</i> , 2006 , 54, 854-860	2	90
24	Tillage systems affect trifluralin bioavailability in soil. <i>Weed Science</i> , 2006 , 54, 941-947	2	24

23	Seed germination and seedling emergence of threehorn bedstraw (<i>Galium tricornutum</i>). <i>Weed Science</i> , 2006 , 54, 867-872	2	13
22	Influence of tillage systems on vertical distribution, seedling recruitment and persistence of rigid ryegrass (<i>Lolium rigidum</i>) seed bank. <i>Weed Science</i> , 2006 , 54, 669-676	2	124
21	Factors affecting seed germination of threehorn bedstraw (<i>Galium tricornutum</i>) in Australia. <i>Weed Science</i> , 2006 , 54, 471-477	2	28
20	Glyphosate resistance in junglerice (<i>Echinochloa colona</i>) and alternative herbicide options for its effective control. <i>Weed Technology</i> ,1-29	1.4	1
19	Influence of Seeding Rate, Nitrogen Rate and Weed Regimes on Productivity and Nitrogen Efficiency of Dry Direct-Seeded Rice. <i>International Journal of Plant Production</i> ,1	2.4	1
18	Revisiting the concept of the critical period of weed control. <i>Journal of Agricultural Science</i> ,1-7	1	1
17	Effects of various ecological factors on the germination of two crop and pasture weed species, <i>Vulpia bromoides</i> and <i>Vulpia myuros</i> . <i>New Zealand Plant Protection</i> ,72, 135-146	1	2
16	Unravelling the genetic potential of untapped crop wild genetic resources for crop improvement. <i>Conservation Genetics Resources</i> ,1	0.8	0
15	Growth behavior and glyphosate resistance level in 10 biotypes of <i>Echinochloa colona</i> in Australia		1
14	Interference of wild oat (<i>Avena fatua</i>) and sterile oat (<i>Avena sterilis</i> ssp. <i>ludoviciana</i>) in wheat. <i>Weed Science</i> ,1-7	2	4
13	Germination ecology of four African mustard (<i>Brassica tournefortii</i> Gouan) populations in the eastern region of Australia. <i>Weed Science</i> ,1-7	2	2
12	Seed germination ecology of southeastern Australian rigid ryegrass (<i>Lolium rigidum</i>) populations. <i>Weed Science</i> ,1-30	2	0
11	Effect of planting time and row spacing on growth and seed production of junglerice (<i>Echinochloa colona</i>) and feather fingergrass (<i>Chloris virgata</i>) in sorghum. <i>Weed Technology</i> ,1-17	1.4	2
10	Effectiveness of glufosinate, dicamba, and clethodim on glyphosate-resistant and -susceptible populations of five key weeds in Australian cotton systems. <i>Weed Technology</i> ,1-7	1.4	1
9	Seed germination biology of sweet acacia (<i>Vachellia farnesiana</i>) and response of its seedlings to herbicides. <i>Weed Science</i> ,1-6	2	1
8	Seed germination ecology of Sumatran fleabane (<i>Conyza sumatrensis</i>) in relations to various environmental parameters. <i>Weed Science</i> ,1-8	2	2
7	Influence of <i>Echinochloa crus-galli</i> density and emergence time on growth, productivity and critical period of competition with dry-seeded rice. <i>International Journal of Pest Management</i> ,1-13	1.5	0
6	Seed germination ecology of Sumatran fleabane (<i>Conyza sumatrensis</i>) in relations to various environmental parameters [CORRIGENDUM]. <i>Weed Science</i> ,1-1	2	

5	Germination ecology of wild mustard (<i>Sinapis arvensis</i>) and its implications for weed management. <i>Weed Science</i> ,1-27	2	2
4	Integrated use of the stale seedbed technique with preemergence herbicides to control weedy rice in wet seeded rice. <i>Weed Technology</i> ,1-19	1.4	
3	Performance of different herbicides on pondweed (<i>Potamogeton nodosus</i>) control in rice. <i>Weed Technology</i> ,1-20	1.4	
2	Seed germination ecology of leucaena (<i>Leucaena leucocephala</i>) as influenced by various environmental parameters. <i>Weed Science</i> ,1-21	2	0
1	Interference of junglerice (<i>Echinochloa colona</i>) in mungbean. <i>Weed Science</i> ,1-25	2	0