

CITATION REPORT

List of articles citing

Multiple benefits of legumes for agriculture sustainability: an overview

DOI: 10.1186/s40538-016-0085-1

Chemical and Biological Technologies in Agriculture, 2017, 4, .

Source: <https://exaly.com/paper-pdf/66114219/citation-report.pdf>

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
398	Energy efficiency, productivity and profitability of rice (<i>Oryza sativa</i> L.) based cropping systems for selected conservation practices. 2017 , 63, 1993-2006		4
397	Biological Nitrogen Fixation: The Role of Underutilized Leguminous Plants. 2017 , 431-443		3
396	Influence of Bradyrhizobia inoculation on growth, nodulation and yield performance of cowpea varieties. 2017 , 12, 1906-1913		3
395	Possible benefits and challenges associated with production of chickpea in inland South Africa. 2018 , 68, 479-488		4
394	Analysis of profitability of conservation tillage for a soybean monoculture associated with corn as an off-season crop. 2018 , 4, 1429699		2
393	Legumes used as cover crops to reduce fertilisation problems improving soil nitrate in an organic orchard. 2018 , 95, 1-13		22
392	<i>Sonchus oleraceus</i> Residue Improves Nutritive and Health-Promoting Value of Common Bean (<i>Phaseolus vulgaris</i> L.): A Metabolic Study. 2018 , 66, 2092-2100		9
391	Agronomic, forage quality and economic advantages of red pea (<i>Lathyrus cicera</i> L.) intercropping with wheat and oat under low-input farming. 2018 , 73, 777-788		9
390	The quality of leguminous vegetables as influenced by preharvest factors. 2018 , 232, 191-205		23
389	Accelerating genetic gains in legumes for the development of prosperous smallholder agriculture: integrating genomics, phenotyping, systems modelling and agronomy. 2018 , 69, 3293-3312		57
388	Complementation drives higher growth rate and yield of wheat and saves nitrogen fertilizer in wheat and faba bean intercropping. 2018 , 221, 119-129		29
387	Biofortification of common bean as a complementary approach to addressing zinc deficiency in South Africans. 2018 , 68, 575-584		6
386	Crops, Nitrogen, Water: Are Legumes Friend, Foe, or Misunderstood Ally?. 2018 , 23, 539-550		20
385	Chemical, nutritional, and spectroscopic characterization of typical ecotypes of Mediterranean area beans. 2018 , 244, 795-804		5
384	Diversity and Symbiotic Effectiveness of Rhizobium Isolates Collected from Different Faba bean (<i>Vicia faba</i>) Growing Areas of North and South Gondar, Ethiopia. 2018 , 12, 1012-1019		
383	Biological Nitrogen Fixation by Local and Improved Genotypes of Cowpea in Burkina Faso (West Africa): Total Nitrogen Accumulated can be used for Quick Estimation. 2018 , 2018, 1-8		2
382	Science-based horticultural interventions for improving vegetable productivity in the state of Karnataka, India. 2018 , 4, 1461731		

381	Complete genome of Rhizobium Norway, an ineffective micro-symbiont. 2018 , 13, 36	10
380	Potential Role of Intercropping in Maintaining and Facilitating Environmental Sustainability. 2018 , 81-100	0
379	Susceptibility of forage legumes to infestation by the pea aphid <i>Acyrtosiphon pisum</i> (Harris) (Hemiptera: Aphididae). 2018 , 69, 775	6
378	The Last Mile: Using Local Knowledge to Identify Barriers to Sustainable Grain Legume Production. 2018 , 6,	2
377	Efficiency of four different seeded plants and native vegetation as cover crops in the control of soil and carbon losses by water erosion in olive orchards. 2018 , 29, 2278-2290	29
376	Legume Intercropping With the Bioenergy Crop on Marginal Soil. <i>Frontiers in Plant Science</i> , 2018 , 9, 905-916	16
375	Symbiotic Tripartism in the Model Plant Family of Legumes and Soil Sustainability. 2018 , 173-203	1
374	Nitrogen and Legumes: A Meta-analysis. 2018 , 277-314	32
373	Leguminous Trees an Innovative Tool for Soil Sustainability. 2018 , 315-345	75
372	Harnessing Soil Rhizobacteria for Improving Drought Resilience in Legumes. 2018 , 235-275	24
371	Dehydration-responsive nuclear proteome landscape of chickpea (<i>Cicer arietinum</i> L.) reveals phosphorylation-mediated regulation of stress response. 2019 , 42, 230-244	16
370	Credit constraints and soybean farmers' welfare in subsistence agriculture in Togo. 2019 , 5, e01550	16
369	Heat Stress in Legume Seed Setting: Effects, Causes, and Future Prospects. <i>Frontiers in Plant Science</i> , 2019 , 10, 938	6.2 38
368	Improving pulse crops as a source of protein, starch and micronutrients. 2019 , 44, 202-215	38
367	In search of alternative proteins: unlocking the potential of underutilized tropical legumes. 2019 , 11, 1205-1215	24
366	Harnessing Implementation Science and Self-Determination Theory in Participatory Research to Advance Global Legume Productivity. 2019 , 3,	4
365	Sugar transporters in Fabaceae, featuring SUT MST and SWEET families of the model plant <i>Medicago truncatula</i> and the agricultural crop <i>Pisum sativum</i> . 2019 , 14, e0223173	23
364	Antixenosis Potential in Pulses Against the Pea Aphid (Hemiptera: Aphididae). 2019 , 112, 465-474	9

363	Nutritional and anti-nutritional seed-quality traits of faba bean (<i>Vicia faba</i>) grown in South Australia. 2019 , 70, 463		7
362	Transitions to greater legume inclusion in cropland: Defining opportunities and estimating benefits for the nitrogen economy. 2019 , 8, e00175		10
361	Just the tonic! Legume biorefining for alcohol has the potential to reduce Europe's protein deficit and mitigate climate change. 2019 , 130, 104870		19
360	Inoculation and N Fertilization Affect the Dry Matter, N Fixation, and Bioactive Compounds in Sulla Leaves. <i>Agronomy</i> , 2019 , 9, 289	3.6	2
359	A Systematic Review of Field Trials to Synthesize Existing Knowledge and Agronomic Practices on Protein Crops in Europe. <i>Agronomy</i> , 2019 , 9, 292	3.6	10
358	Biological Nitrogen Fixation and Biofertilizers as Ideal Potential Solutions for Sustainable Agriculture. 2019 , 343-396		1
357	Physicochemical properties of flour produced from different cowpea (<i>Vigna unguiculata</i>) cultivars of Southern African origin. 2019 , 56, 1541-1550		11
356	Impact of no-till and mulching on soil carbon sequestration under rice (<i>Oryza sativa</i> L.)-rapeseed (<i>Brassica campestris</i> L. var. rapeseed) cropping system in hilly agro-ecosystem of the Eastern Himalayas, India. 2019 , 275, 81-92		32
355	Weed Suppression in Only-Legume Cover Crop Mixtures. <i>Agronomy</i> , 2019 , 9, 648	3.6	15
354	Are we there yet? The long walk towards the development of efficient symbiotic associations between nitrogen-fixing bacteria and non-leguminous crops. 2019 , 17, 99		51
353	Nitrogen Dynamics in an Established Alfalfa Field under Low Biochar Application Rates. 2019 , 3, 77		2
352	Checking Agriculture's Pulse: Field Pea (<i>Pisum sativum</i> L.), Sustainability, and Phosphorus Use Efficiency. <i>Frontiers in Plant Science</i> , 2019 , 10, 1489	6.2	14
351	Legumes-The art and science of environmentally sustainable agriculture. 2019 , 42, 1-5		13
350	Intercropping for enhancement and provisioning of ecosystem services in smallholder, rural farming systems in KwaZulu-Natal Province, South Africa: a review. 2019 , 33, 145-176		5
349	Silage additives to reduce protein degradation during ensiling and evaluation of in vitro ruminal nitrogen degradability. 2019 , 74, 86-96		4
348	Greener farming: managing carbon and nitrogen cycles to reduce greenhouse gas emissions from agriculture. 2019 , 553-577		
347	Mainstreaming Underutilized Indigenous and Traditional Crops into Food Systems: A South African Perspective. 2019 , 11, 172		46
346	Less meat, more legumes: prospects and challenges in the transition toward sustainable diets in Sweden. 2020 , 35, 192-205		28

345	Arsenic in Wheat, Maize, and Other Crops. 2020 , 279-306	6
344	Intercropping impacts the host location behaviour and population growth of aphids. 2020 , 168, 41-52	7
343	Harnessing ecosystem services from biological nitrogen fixation. 2020 , 73-94	2
342	Analysis of soybean germination, emergence, and prediction of a possible northward establishment of the crop under climate change. 2020 , 113, 125972	24
341	Efficacy of a Plant-Microbe System: (L.) Cadmium-Tolerant Mutant and Strains, Expressing Pea Metallothionein Genes and , for Cadmium Phytoremediation. 2020 , 11, 15	18
340	Long-term preservation of <i>Cicer arietinum</i> L. germplasm by in vitro propagation and cryopreservation. 2020 , 67, 263-271	
339	Ecosystem service provision of grain legume and cereal intercropping in Africa. 2020 , 178, 102761	21
338	Intercropping of kura clover (<i>Trifolium ambiguum</i> M. Bieb) with prairie cordgrass (<i>Spartina pectinata</i> link.) enhanced soil biochemical activities and microbial community structure. 2020 , 147, 103427	11
337	Under temperate climate, the conversion of grassland to arable land affects soil nutrient stocks and bacteria in a short term. 2020 , 703, 135494	6
336	Traditional bun shifting cultivation practice in Meghalaya, Northeast India. 2020 , 5, 34-46	4
335	Productivity or stability? Exploring maize-legume intercropping strategies for smallholder Conservation Agriculture farmers in Zimbabwe. 2020 , 185, 102921	18
334	Enhancing legume crop pollination and natural pest regulation for improved food security in changing African landscapes. 2020 , 26, 100394	5
333	The Effects of Domestication on Secondary Metabolite Composition in Legumes. 2020 , 11, 581357	11
332	Potential effects of a high CO2 future on leguminous species. 2020 , 1, 67-94	2
331	Advances in genomics and molecular breeding for legume improvement. 2020 , 129-139	3
330	Motivating Pulse-Centric Eating Patterns to Benefit Human and Environmental Well-Being. 2020 , 12,	10
329	Legume Flour or Bran: Sustainable, Fiber-Rich Ingredients for Extruded Snacks?. 2020 , 9,	6
328	Role of chickpea flour in texturization of extruded pea protein. 2020 , 85, 4180-4187	6

327	Impacts of the Winter Pea Crop (Instead of Rapeseed) on Soil Microbial Communities, Nitrogen Balance and Wheat Yield. 2020 , 10, 548		1
326	Response of Soil Bacterial Community to Application of Organic and Inorganic Phosphate Based Fertilizers under <i>Vicia faba</i> L. Cultivation at Two Different Phenological Stages. 2020 , 12, 9706		4
325	Biomass Performance and Competition Effects in an Established Temperate Agroforestry System of Willow and Grassland Results of the 2nd Rotation. <i>Agronomy</i> , 2020 , 10, 1819	3.6	4
324	Adaptation of food legumes to problem soils using integrated approaches. 2020 , 216, 1		0
323	The Fungicide Tetramethylthiuram Disulfide Negatively Affects Plant Cell Walls, Infection Thread Walls, and Symbiosomes in Pea (<i>L.</i>) Symbiotic Nodules. 2020 , 9,		5
322	Application of the AquaCrop model in decision support for optimization of nitrogen fertilizer and water productivity of soybeans. 2020 , 8, 419-419		3
321	Growth and physiological responses of three warm-season legumes to water stress. 2020 , 10, 12233		4
320	Seed oil storage in three contrasted legume species: implications for oil improvement. 2020 , 42, 1		0
319	Influence of Nod factors on the quantity and distribution in faba bean of symbiotically fixed nitrogen as determined by the ¹⁵ N isotope dilution method. 2020 , 60, 2720-2731		2
318	Enhancing the nutritional profile and digestibility of lentil flour by solid state fermentation with. 2020 , 11, 7905-7912		9
317	The Impact of Nickel Mining on Soil Properties and Growth of Two Fast-Growing Tropical Trees Species. 2020 , 2020, 1-9		5
316	Physical properties, sensory acceptance, postprandial glycemic response, and satiety of cereal based foods enriched with legume flours: a review. 2020 , 1-19		6
315	Role of Gamma Amino Butyric Acid (GABA) against abiotic stress tolerance in legumes: a review. 2020 , 25, 654-663		16
314	Transglutaminase-mediated crosslinking of Bambara groundnut protein hydrogels: Implications on rheological, textural and microstructural properties. 2020 , 137, 109734		8
313	The Importance of Microbial Inoculants in a Climate-Changing Agriculture in Eastern Mediterranean Region. 2020 , 11, 1136		6
312	Legume Crops and Biotrophic Pathogen Interactions: A Continuous Cross-Talk of a Multilayered Array of Defense Mechanisms. 2020 , 9,		7
311	Partial replacement of corn silage with soybean silage on nutrient digestibility, ruminal fermentation, and milk fatty acid profile of dairy cows. 2020 , 266, 114526		5
310	Pulse Crop Genetics for a Sustainable Future: Where We Are Now and Where We Should Be Heading. <i>Frontiers in Plant Science</i> , 2020 , 11, 531	6.2	7

309	Impact of inoculation with local effective microorganisms on soil nitrogen cycling and legume productivity using composted broiler litter. 2020 , 154, 103567		8
308	Impact of different mechanical weed control methods on weed communities in organic soybean cultivation in Luxembourg. 2020 , 10, 79-92		2
307	Intercropping kura clover with prairie cordgrass mitigates soil greenhouse gas fluxes. 2020 , 10, 7334		6
306	Seeds of n-GM Soybean Varieties Cultivated in Poland and Their Processing Products as High-Protein Feeds in Cattle Nutrition. 2020 , 10, 174		5
305	Is the Application of Plant Probiotic Bacterial Consortia Always Beneficial for Plants? Exploring Synergies between Rhizobial and Non-Rhizobial Bacteria and Their Effects on Agro-Economically Valuable Crops. 2020 , 10,		19
304	Telecoupled environmental impacts of current and alternative Western diets. 2020 , 62, 102066		16
303	The Full-Size ABCG Transporter of Is Involved in Strigolactone Secretion, Affecting Arbuscular Mycorrhiza. <i>Frontiers in Plant Science</i> , 2020 , 11, 18	6.2	24
302	Long-term effect of rice-based cropping systems on pools of soil organic carbon in farmer's field in hilly agroecosystem of Manipur, India. 2020 , 192, 209		12
301	Grain legumes production and productivity in Ethiopian smallholder agricultural system, contribution to livelihoods and the way forward. 2020 , 6, 1722353		14
300	Evaluation of pulse crops' functional diversity supporting food production. 2020 , 10, 3416		1
299	Tillage and Irrigation Impacts on the Efficiency of Fossil Fuel Utilization for Hungarian Vetch Production and Fuel-Related CO2 Emissions. 2020 , 37, 201-213		5
298	Entrepreneurial identity and farmers' protein crop cultivation choices. 2020 , 75, 174-184		4
297	Development of new genetic resources for faba bean (<i>Vicia faba</i> L.) breeding through the discovery of gene-based SNP markers and the construction of a high-density consensus map. 2020 , 10, 6790		23
296	Below-ground nitrogen transfer from oak seedlings facilitates <i>Molinia</i> growth: 15N pulse-chase labelling. 2020 , 449, 343-356		3
295	Life Cycle Assessment of Crop Rotation Systems on Rice Cultivars in Northern Iran. 2020 , 14, 531-548		5
294	Is it time to include legumes in plant silicon research?. 2020 , 34, 1142-1157		18
293	Assessing the Productivity of Common Bean in Intercrop with Maize across Agro-Ecological Zones of Smallholder Farms in the Northern Highlands of Tanzania. 2020 , 10, 117		10
292	High Sowing Densities in Rainfed Common Beans (<i>Phaseolus vulgaris</i> L.) in Mexican Semi-Arid Highlands under Future Climate Change. <i>Agronomy</i> , 2020 , 10, 442	3.6	2

291	DNA Fingerprinting and Species Identification Uncovers the Genetic Diversity of Katsouni Pea in the Greek Islands Amorgos and Schinoussa. 2020 , 9,	0
290	Multi-species relationships in legume roots: From pairwise legume-symbiont interactions to the plant - microbiome - soil continuum. 2021 , 97,	5
289	Exploring the best tillage option in rice based diversified cropping systems in alluvial soil of eastern India. 2021 , 205, 104761	14
288	Diagnosis of camelina seed yield and quality across an on-farm experimental network. 2021 , 122, 126190	6
287	Sugarcane straw preservation results in limited immobilization and improves crop N-fertilizer recovery. 2021 , 144, 105889	2
286	Co- inoculant response of plant growth promoting non-rhizobial endophytic yeast <i>Candida tropicalis</i> VYW1 and <i>Rhizobium</i> sp. VRE1 for enhanced plant nutrition, nodulation, growth and soil nutrient status in Mungbean (<i>Vigna mungo</i> L.). 2021 , 83, 115-128	2
285	Using crop simulation model to evaluate influence of water management practices and multiple cropping systems on crop yields: A case study for Ethiopian highlands. 2021 , 260, 108004	13
284	Drivers of diazotroph community structure and co-occurrence in a Northern Great Plains pulse crop rotation system. 2021 , 157, 103737	5
283	Canadian sainfoin and fenugreek as forage and functional foods. 2021 , 61, 1-20	1
282	Genomics: Shaping Legume Improvement. 2021 , 49-89	1
281	Exploiting the potential of plant growth-promoting rhizobacteria in legume production. 2021 , 1-32	0
280	Nutraceutical Legumes: A Brief Review on the Nutritional and Medicinal Values of Legumes. 2021 , 1-28	1
279	Recent Advances in the Agronomy of Food Legumes. 2021 , 255-302	1
278	Biological cycle in single-crop sowing and mixed agrophytocenosis of forage crops. 2021 , 262, 04006	0
277	Using Crop Modelling to Improve Chickpea Adaptation in Variable Environments. 2021 , 231-254	0
276	The Dynamic of Nitrogen Uptake from Different Sources by Pea (<i>Pisum sativum</i> L.). 2021 , 11, 81	4
275	Comprehending lncRNA-mediated gene regulation during abiotic stresses and reproductive development in legumes. 2021 , 151-176	1
274	Design Architecture of Intelligent Agri-Infrastructure Incorporating IoT and Cloud: Link Budget and Socio-Economic Impact. 2021 , 129-158	

273	Designing, Performing, and Analyzing CRISPR-Cas9-Mediated Genome Editing Experiments in Leguminous Plants. 2021 , 103-122		
272	Quorum Quenching Activity of the PGPR UD1022 Alters Nodulation Efficiency of on. 2020 , 11, 596299		5
271	Effects of mixing two legume species at seedling stage under different environmental conditions. 2021 , 9, e10615		1
270	Effect of intercropping alfalfa on physiological and biochemical parameters of young grapevine plants cultivated on agricultural and contaminated soils. 2021 , 49, 12017		
269	Food Security and the Dynamics of Wheat and Maize Value Chains in Africa and Asia. 2021 , 4,		43
268	Foods for Plant-Based Diets: Challenges and Innovations. 2021 , 10,		38
267	Biserrula pelecinus L. is a promising forage legume for the central Ethiopian highlands. 2021 , 76, 105-115		1
266	The Potential of Locally-Sourced European Protein Sources for Organic Monogastric Production: A Review of Forage Crop Extracts, Seaweed, Starfish, Mussel, and Insects. 2021 , 13, 2303		6
265	Alleviating Cr(VI) stress in horse gram (<i>Macrotyloma uniflorum</i> Var. Madhu) by native Cr-tolerant nodule endophytes isolated from contaminated site of Sukinda. 2021 , 28, 31717-31730		0
264	Optimal time for sowing mixed summer crops for green fodder. 2021 , 663, 012024		
263	Tree species composition, diversity and soil organic carbon stock in homegardens and shifting cultivation fallows of Mizoram, Northeast India. 2021 , 34, 220-228		6
262	Effect of replacing conventional Italian ryegrass by organic nitrogen source systems on chemical soil properties. 2021 , 18, e1105		2
261	Response of Different Crop Cultivars to Micronutrient Fertilization and Relationship to Rhizosphere Soil Properties. 2021 , 52, 1286-1300		1
260	Editorial: Intercropping Systems in Sustainable Agriculture. 2021 , 5,		3
259	Intercropping as a Low Input Agricultural Strategy for Food and Environmental Security. <i>Agronomy</i> , 2021 , 11, 343	3.6	38
258	Identifying drought-tolerant genotypes of faba bean and their agro-physiological responses to different water regimes in an arid Mediterranean environment. 2021 , 247, 106754		30
257	Impact of Legumes as a Pre-Crop on Nitrogen Nutrition and Yield in Organic Greenhouse Tomato. 2021 , 10,		5
256	Optimizing the growth of forage and grain legumes on low pH soils through the application of superior <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> strains. 2021 , 76, 44-56		2

255	Quantifying Root-Soil Interactions in Cover Crop Systems: A Review. 2021 , 11, 218		9
254	Polyamines: Key elements in the rhizobia-legume symbiosis?. 1		1
253	Impact of Maltodextrin, Gum Arabic, Different Fibres and Starches on the Properties of Freeze-Dried Orange Puree Powder. 2021 , 16, 270-279		2
252	Sources of Nitrogen for Winter Triticale (<i>Triticosecale</i> Wittm. ex A.Camus) Succeeding Pea (<i>Pisum sativum</i> L.). <i>Agronomy</i> , 2021 , 11, 527	3.6	1
251	Will Phosphate Bio-Solubilization Stimulate Biological Nitrogen Fixation in Grain Legumes?. 2021 , 3,		2
250	Current research on the ecosystem service potential of legume inclusive cropping systems in Europe. A review. 2021 , 41, 1		3
249	Expression Profiles of Alkaloid-Related Genes across the Organs of Narrow-Leafed Lupin (L.) and in Response to Anthracnose Infection. 2021 , 22,		5
248	Pea Breeding Lines Adapted to Autumn Sowings in Broomrape Prone Mediterranean Environments. <i>Agronomy</i> , 2021 , 11, 769	3.6	2
247	Effect of Nutritional Variation and LCA Methodology on the Carbon Footprint of Milk Production From Holstein Friesian Dairy Cows. 2021 , 5,		3
246	Sweet Sorghum (<i>Sorghum bicolor</i>) Performance in a Legume Intercropping System under Weed Interference. <i>Agronomy</i> , 2021 , 11, 877	3.6	1
245	Species characterization and population dynamics of <i>Hirschmanniella mucronata</i> in lowland rice fields managed under conservation agriculture in Cambodia. 2021 , 20, 137-145		0
244	Evaluation of Genotype, Environment, and Management Interactions on Fava Beans under Mediterranean Field Conditions. <i>Agronomy</i> , 2021 , 11, 1088	3.6	1
243	Substitution of beef with pea protein reduces the environmental footprint of meat balls whilst supporting health and climate stabilisation goals. 2021 , 297, 126447		13
242	Physiological effects of salinity on nitrogen fixation in legumes – a review. 2021 , 44, 2653-2662		0
241	The Influence of Grain Legume and Tillage Strategies on CO ₂ and N ₂ O Gas Exchange under Varied Environmental Conditions. 2021 , 11, 464		1
240	Removing Barriers and Creating Opportunities for Climate-Resilient Agriculture by Optimizing Federal Crop Insurance. 2021 , 18,		0
239	Combined application of the EM-DEA and EX-ACT approaches for integrated assessment of resource use efficiency, sustainability and carbon footprint of smallholder maize production practices in sub-Saharan Africa. 2021 , 302, 126132		4
238	Advanced and feasible pulses processing technologies for Ethiopia to achieve better economic and nutritional goals: A review. 2021 , 7, e07459		2

237	Genetic transformation of legumes: an update. 2021 , 40, 1813-1830	1
236	Impact of cell intactness and starch state on the thickening potential of chickpea flours in water-flour systems. 2021 , 146, 111409	6
235	Long-term organic and inorganic fertilization on economics, energy budgeting and carbon footprint of soybean-wheat cropping system in the Indian mid-Himalayas. 1-15	1
234	A Multifunctional Solution for Wicked Problems: Value-Chain Wide Facilitation of Legumes Cultivated at Bioregional Scales Is Necessary to Address the Climate-Biodiversity-Nutrition Nexus. 2021 , 5,	5
233	Symbiosis and the Anthropocene. 2021 , 84, 1-32	0
232	Legume dreams: The contested futures of sustainable plant-based food systems in Europe. 2021 , 69, 102321	10
231	Characterization of Nutritional Quality Traits of a Common Bean Germplasm Collection. 2021 , 10,	5
230	Genome-wide association studies of mineral and phytic acid concentrations in pea (<i>Pisum sativum</i> L.) to evaluate biofortification potential. 2021 , 11,	2
229	Parallel comparison of functional and physicochemical properties of common pulse proteins. 2021 , 146, 111594	7
228	Competency of Rhizobial Inoculation in Sustainable Agricultural Production and Biocontrol of Plant Diseases. 2021 , 5,	3
227	The impact of wheat and faba bean intercrop on the competitive interactions, grain yield, biochemical parameters and mineral content of leaves. 2021 , 108, 233-240	0
226	Assessing the Long-Term Impact of Traditional Agriculture and the Mid-Term Impact of Intensification in Face of Local Climatic Changes. 2021 , 11, 814	1
225	Brief Review of Minimum or No-Till Seeders in China. 2021 , 3, 605-621	4
224	Legumes as a Cornerstone of the Transition Toward More Sustainable Agri-Food Systems and Diets in Europe. 2021 , 5,	3
223	Long-term maize-Desmodium intercropping shifts structure and composition of soil microbiome with stronger impact on fungal communities. 2021 , 467, 437	1
222	Medicago truncatula in Interaction with Fusarium and Rhizoctonia Phytopathogenic Fungi: Fungal Aggressiveness, Plant Response Biodiversity and Character Heritability Indices. 2021 , 37, 315-328	0
221	Incorporation of rice residue and green gram cultivation saves nitrogen, improve soil health and sustainability of rice-wheat system. 2021 , 271, 108248	1
220	Combined effects of land-use type and climate change on soil microbial activity and invertebrate decomposer activity. 2021 , 318, 107490	2

219	Partial replacement of corn silage with whole-plant soybean and black oat silages for dairy cows. 2021 , 104, 9842-9852	2
218	Yield performance and optimal nitrogen and phosphorus application rates in wheat and faba bean intercropping. 2021 , 20, 3012-3025	2
217	Halophyte based Mediterranean agriculture in the contexts of food insecurity and global climate change. 2021 , 191, 104601	3
216	Sustainable food production systems: the potential of pulses. 2021 , 487-506	1
215	Rhizobium-Linked Nutritional and Phytochemical Changes Under Multitrophic Functional Contexts in Sustainable Food Systems. 2021 , 4,	4
214	The possibility of improving meat quality by using peas and faba beans in feed for broiler chickens. 15, 40-51	
213	Assessing the sustainability of legumes production in South Europe. 2021 , 117-129	
212	Nano-biofertilizers: Harnessing Dual Benefits of Nano-nutrient and Bio-fertilizers for Enhanced Nutrient Use Efficiency and Sustainable Productivity. 2019 , 51-73	9
211	Legumes for Carbon and Nitrogen Cycling: An Organic Approach. 2020 , 337-375	28
210	The Biology of Legumes and Their Agronomic, Economic, and Social Impact. 2020 , 3-25	5
209	Nitrogen Fixation of Legumes Under the Family Fabaceae: Adverse Effect of Abiotic Stresses and Mitigation Strategies. 2020 , 75-111	3
208	Efficient Groundcovers in Mediterranean Olive Groves Under Changing Climate. 2020 , 729-760	1
207	Crop Diversification and Food Security. 2019 , 607-621	6
206	sp. nov., a rhizobium isolated from a root nodule in Norway. 2020 , 70, 388-396	3
205	Analysis of soybean germination, emergence, and prediction of a possible northward expansion of the crop under climate change.	2
204	EFFECT OF INDIVIDUAL OR COMBINED APPLICATION OF HERBICIDE IMAZETHAPYR ON NUTRIENT UPTAKE BY BLACKGRAM (<i>Vigna mungo</i> L.). 2020 , 8, 441-446	2
203	LegumeSSRdb: A Comprehensive Microsatellite Marker Database of Legumes for Germplasm Characterization and Crop Improvement. 2021 , 22,	0
202	Optimization of formulation and physicochemical, nutritional and sensory evaluation of vegan chickpea-based salad dressings. 1	0

201	Balancing socioeconomic development with ecological conservation towards rural sustainability: a case study in semiarid rural China. 1-17	2
200	Phenology-pigment based automated peanut mapping using sentinel-2 images. 1-17	2
199	Assessing the Role of Phosphorus as a Macropollutant in Four Typical Mediterranean Basin Soils. 2021 , 13, 10973	
198	Understanding Species Traits and Biodiversity Indices to Solve Problems Associated with Legume Persistence in Cropping Systems.	
197	Zero Hunger. 2020 , 529-549	
196	Quorum quenching activity of the PGPR <i>Bacillus subtilis</i> UD1022 alters nodulation efficiency of <i>Sinorhizobium meliloti</i> on <i>Medicago truncatula</i> .	
195	Isolation, identification, and selection of strains as candidate probiotics and starters for fermentation of Swedish legumes. 2020 , 64,	0
194	Genome and systems biology of <i>Melilotus albus</i> provides insights into coumarins biosynthesis. 2021 , ,	1
193	Zero Hunger. 2020 , 1-22	
192	Next generation breeding in pulses: Present status and future directions. 2021 , 21,	0
191	Prospects of Underutilized Crops in Combating Poverty, Malnutrition, and Hunger. 2020 , 41-45	
190	Legume Derived Bioactive Peptides. 2020 , 29-52	2
189	Optimizing Rhizobium-Legume Symbiosis in Smallholder Agroecosystems. 2020 , 159-177	0
188	Fabaceae Plants Response and Tolerance to High Temperature Stress. 2020 , 337-371	
187	Legume Responses and Adaptations to Nutrient Deficiencies. 2020 , 373-392	1
186	Future Prospects and Challenges. 2020 , 181-191	1
185	Genomics-Assisted Breeding Green Gram (<i>Vigna radiata</i> (L.) Wilczek) for Accelerating Genetic Gain. 2020 , 143-171	0
184	An Introduction to Legume Biotechnology. 2020 , 1-27	0

183	Abiotic Stresses: Alteration of Composition and Grain Quality in Food Legumes. <i>Agronomy</i> , 2021 , 11, 2238	3.6	2
182	Mediterranean White Lupin Landraces as a Valuable Genetic Reserve for Breeding. 2021 , 10,		3
181	Ecoenzymatic stoichiometry reveals phosphorus addition alleviates microbial nutrient limitation and promotes soil carbon sequestration in agricultural ecosystems. 1		2
180	Elazığ'da Uygun Kuru Fasulye Üretim Alanlarının Araştırılması		
179	Seed and residue yields and nutritional value of selected broad bean varieties. 2020 , 24, 117-122		
178	Temporal variability of environmental indicators for agriculture in Albania. 2021 , 193, 829		1
177	Contribution, Utilization, and Improvement of Legumes-Driven Biological Nitrogen Fixation in Agricultural Systems. 2021 , 5,		4
176	Closing Research Investment Gaps for a Global Food Transformation. 2021 , 5,		0
175	Legume-Based Mobile Green Manure Can Increase Soil Nitrogen Availability and Yield of Organic Greenhouse Tomatoes. 2021 , 10,		2
174	Life cycle assessment of animal-based foods and plant-based protein-rich alternatives: a socio-economic perspective. 2021 ,		2
173	Influence of Sowing Time on Chemical Composition and Nutritional Value of Annual Herbs in Mixed Crops. 2021 , 12, 6-11		0
172	Genomic regions associated with herbicide tolerance in a worldwide faba bean (<i>Vicia faba</i> L.) collection.. 2022 , 12, 158		2
171	Enzymatic Hydrolysis and Fermentation of Pea Protein Isolate and Its Effects on Antigenic Proteins, Functional Properties, and Sensory Profile.. 2022 , 11,		2
170	Identification of fungi inhabiting underground plant parts of soybean [<i>Glycine max</i> (L.) Merrill] in two developmental stages. 2021 , 20, 139-149		
169	Weed dynamics, crop growth and yield attributes of irrigated chickpea in response to chemical weed control. 1-19		
168	Zero Tillage, Residue Retention and System-Intensification with Legumes for Enhanced Pearl Millet Productivity and Mineral Biofortification. 2022 , 14, 543		1
167	George Washington Carver: A plant scientist's perspective.. 2022 , 32, R9-R13		0
166	The role of nutrients underlying interactions among root-nodule bacteria (<i>Bradyrhizobium</i> sp.), arbuscular mycorrhizal fungi (<i>Funneliformis mosseae</i>) and root-lesion nematodes (<i>Pratylenchus thornei</i>) in nitrogen fixation and growth of mung bean (<i>Vigna radiata</i>). 2022 , 472, 421		1

165	Effect of species diversity levels and microbial consortium on biomass production, net economic gain and fertility of marginal land.		0
164	Modeling symbiotic biological nitrogen fixation in grain legumes globally with LPJ-GUESS (v4.0, r10285). 2022 , 15, 815-839		1
163	Efficacy of Arbuscular Mycorrhizal Fungi and Bacterial Inoculants in Enhancing Yield of Phaseolus mungo L. and Vigna radiata (L.) R. Wilczek under Central Indian Conditions. 1		1
162	FN1 produces an inhibitory substance that affects competition for nodule occupancy.. 2022 ,		0
161	How sustainable is food system in India? mapping evidence from the state of Punjab. 1		0
160	Atmospheric CO concentration impacts on the life cycle, yield and fruit quality of early-maturing edible legumes cultivars.. 2021 ,		
159	Evaluation of environment and cultivar impact on lentil protein, starch, mineral nutrients, and yield.		0
158	A High Plant Density and the Split Application of Chemical Fertilizer Increased the Grain and Protein Content of Cowpea (Vigna unguiculata) in Burkina Faso, West Africa. 2022 , 12, 199		1
157	Insight into pectin-cation-phytate theory of hardening in common bean varieties with different sensitivities to hard-to-cook.. 2022 , 151, 110862		0
156	Single count of radicle emergence and mean germination time estimate seed vigour of Chinese milk vetch (Astragalus sinicus). 2022 ,		1
155	LEGU-MED: Developing Biodiversity-Based Agriculture with Legume Cropping Systems in the Mediterranean Basin. <i>Agronomy</i> , 2022 , 12, 132	3.6	1
154	War and Peas: Molecular Bases of Resistance to Powdery Mildew in Pea (L.) and Other Legumes.. 2022 , 11,		2
153	Application of plant-soil feedbacks in the selection of crop rotation sequences. 2021 , e2501		4
152	Widening the Perspectives for Legume Consumption: The Case of Bioactive Non-nutrients.. <i>Frontiers in Plant Science</i> , 2022 , 13, 772054	6.2	2
151	Biological Nitrogen Fixation: An Analysis of Intoxicating Tribulations from Pesticides for Sustainable Legume Production. 2022 , 351-374		
150	Soybean secondary metabolites and flavors: The art of compromise among climate, natural enemies, and human culture. 2022 ,		
149	Pulse Crop Biofortification Toward Human Health, Targeting Prebiotic Carbohydrates, Protein, and Minerals. 2022 , 205-224		
148	Exploiting Host Resistance in Management of Vascular Wilt in Major Pulses of India. 2022 , 73-87		

147	Medicago truncatula as a Model to Decipher Powdery Mildew Resistance in Legumes. 2022 , 43-69		
146	Challenges to Adoption of Improved Legume Varieties: A Gendered Perspective. 2022 , 14, 2150		1
145	New Insights into the Use of Rhizobia to Mitigate Soil N ₂ O Emissions. 2022 , 12, 271		0
144	In Vivo Imaging and Quantification of Carbon Tracer Dynamics in Nodulated Root Systems of Pea Plants.. 2022 , 11,		0
143	Water Shortage Affects Vegetative and Reproductive Stages of Common Bean () Chilean Landraces, Differentially Impacting Grain Yield Components.. 2022 , 11,		0
142	Partial replacement of soybean meal with soybean silage and responsible soybean meal in lactating cows diet: part 2, environmental impact of milk production. 2022 , 21, 645-658		0
141	Partial replacement of soybean meal with soybean silage in lactating dairy cows diet: part 1, milk production, digestibility, and N balance. 2022 , 21, 634-644		
140	The effects of microbial inoculation and intercropping on yield and active ingredients of savory (<i>Satureja hortensis</i> L.) intercropped with common bean (<i>Phaseolus vulgaris</i> L.). 1		0
139	Perspective: Soy-Based Meat and Dairy Alternatives, Despite Classification as Ultra-Processed Foods, Deliver High-Quality Nutrition on Par With Unprocessed or Minimally Processed Animal-Based Counterparts.. 2022 ,		2
138	Soil microbiota as game-changers in restoration of degraded lands.. 2022 , 375, abe0725		10
137	Multiple Passaging of Rhizospheric Microbiome Enables Mitigation of Salinity Stress in <i>Vigna Radiata</i> . 1		0
136	Soil Nitrous Oxide Emission and Methane Exchange From Diversified Cropping Systems in Pannonian Region. <i>Frontiers in Environmental Science</i> , 10,	4.8	0
135	Seed priming with vermicompost leachate, <i>Ecklonia maxima</i> extract-Kelpak [®] and smoke-water induce heat stress amelioration and growth in <i>Vigna unguiculata</i> L. seedlings. 2022 , 147, 686-696		1
134	Effects of Three Rainfall Patterns on Soil Chemical Properties in Black Pepper Cultivation in a Hilly Topography. 2022 , 45, 103-114		
133	The legume-rhizobia symbiosis can be supported on Mars soil simulants. 2021 , 16, e0259957		
132	Laser Microdissection of <i>Pisum sativum</i> L. Nodules Followed by RNA-Seq Analysis Revealed Crucial Transcriptomic Changes during Infected Cell Differentiation. <i>Agronomy</i> , 2021 , 11, 2504	3.6	1
131	Metabolite shift in <i>Medicago truncatula</i> occurs in phosphorus deprivation.. 2021 ,		0
130	Protein-Rich Pulse Ingredients: Preparation, Modification Technologies and Impact on Important Techno-Functional and Quality Characteristics, and Major Food Applications. 1-30		0

129	Crop yields and soil organic matter pools in zero-till direct-seeded rice-based cropping systems as influenced by fertigation levels in the Indo-Gangetic plains in India. 2022 , 13, 78-89		1
128	Nutrition and Human Health Benefits of Dry Beans and Other Pulses. 2022 , 481-504		2
127	Legume Genetic Resource Security as Main Requirement for Future Challenges.		
126	Global meta-network of legume crops and floral visitors reveals abundance of exotic bees. 2022 , 146, 252-261		
125	Urban Soils and Their Management: A Multidisciplinary Approach. 2022 , 137-157		
124	Soybean and Sustainable Agriculture for Food Security.		0
123	Varietas Delectat: Exploring Natural Variations in Nitrogen-Fixing Symbiosis Research.. <i>Frontiers in Plant Science</i> , 2022 , 13, 856187	6.2	0
122	Improved Nodulation under Stress Assisted by sp. Endophytes.. 2022 , 11,		4
121	A quantitative review into the contributions of biological nitrogen fixation to agricultural systems by grain legumes. 2022 , 136, 126514		3
120	Biological nitrogen fixation and prospects for ecological intensification in cereal-based cropping systems. 2022 , 283, 108541		0
119	Table_1.docx. 2018 ,		
118	Data_Sheet_1.docx. 2020 ,		
117	DataSheet_1.pdf. 2020 ,		
116	Impact of biological nitrogen fixation and livestock management on the manure transfer from grazing land in mixed farming systems.. 2022 , 111136		1
115	Mechanical Chiseling and the Cover Crop Effect on the Common Bean Yield in the Brazilian Cerrado. 2022 , 12, 616		
114	Utilization of Legume-Nodule Bacterial Symbiosis in Phytoremediation of Heavy Metal-Contaminated Soils. 2022 , 11, 676		2
113	Genome-wide exploration of sugar transporter (sweet) family proteins in Fabaceae for Sustainable protein and carbon source.. 2022 , 17, e0268154		0
112	Environmental Impact of Animal-Based Food Production and the Feasibility of a Shift Toward Sustainable Plant-Based Diets in the United States. 2022 , 3,		1

- 111 Magnesium- a Forgotten Element: Phenotypic Variation and Genome Wide Association Study in Turkish Common Bean Germplasm.. **2022**, 13, 848663 0
- 110 The role of pulses in improving human health: A review. 0
- 109 İkinci El Olarak Yetiştirilen Fasulye Bitkilerinin Bitki Aksamının Besin Değerleri.
- 108 Nitrogen Hotspots on the Farm: A Practice-Oriented Approach. *Agronomy*, **2022**, 12, 1305 3.6 1
- 107 Nitrogen fixation and transfer between legumes and cereals under various cropping regimes. **2022**, 22, 100546 2
- 106 Response of Rhizobacterial strains and organic amendments on chickpea growth. 82,
- 105 Impact of Climate Change on Dryland Agricultural Systems: A Review of Current Status, Potentials, and Further Work Need. 7
- 104 Brazilian Coffee Sustainability, Production, and Certification.
- 103 Integrated sRNA-seq and RNA-seq Analyses Reveal a microRNA Regulation Network Involved in Cold Response in *Pisum sativum* L.. **2022**, 13, 1119
- 102 The effects of wheat-pea mixed intercropping on biocontrol potential of generalist predators in a long-term experimental trial.
- 101 Modification of Nutrient Requirements for a Four Crop-Based Cropping System to Increase System Productivity, Maintain Soil Fertility, and Achieve Sustainable Intensification. **2022**, 14, 7194
- 100 Legume Winter Cover Crop (Persian Clover) Reduces Nitrogen Requirement and Increases Grain Yield in Specialized Irrigated Hybrid Rice System.
- 99 Legumes effect on nitrogen mineralization and microbial biomass potential in organic farming. **2022**, 281-306
- 98 Legume-based agroecosystem for sustainable intensification: An overview. **2022**, 3-8
- 97 Efficient utilization of rice fallow through pulse cultivation. **2022**, 71-92
- 96 Legumes for eco-friendly weed management in agroecosystem. **2022**, 133-154 0
- 95 Soil carbon and legumes. **2022**, 329-344
- 94 Legumes for nutrient management in the cropping system. **2022**, 93-112

- 93 Grain legumes: A diversified diet for sustainable livelihood, food, and nutritional security. **2022**, 157-178
- 92 Potential of legume-based cropping systems for climate change adaptation and mitigation. **2022**, 381-402 ○
- 91 Legumes for agroecosystem services and sustainability. **2022**, 363-380
- 90 Legumes protect the soil erosion and ecosystem services. **2022**, 247-266
- 89 Effect of legumes on nitrogen economy and budgeting in South Asia. **2022**, 619-638 ○
- 88 Legumes for energy efficiency in agricultural systems. **2022**, 441-460
- 87 Residual nitrogen for succeeding crops in legume-based cropping system. **2022**, 113-132
- 86 Cover Crops and Mechanical Scarification in the Yield and Industrial Quality of Upland Rice. *Frontiers in Environmental Science*, 10, 4.8
- 85 Orphan legumes: harnessing their potential for food, nutritional and health security through genetic approaches. *Planta*, **2022**, 256, 4.7 1
- 84 Characterization of soluble and insoluble fractions obtained from a commercial pea protein isolate. *Journal of Dispersion Science and Technology*, 1-12 1.5 ○
- 83 Grain Nutrients Variability in Pigeonpea Genebank Collection and Its Potential for Promoting Nutritional Security in Dryland Ecologies. *Frontiers in Plant Science*, 13, 6.2
- 82 Effect of Soil Regenerative Practice on Selected Soil Physical Properties and Eggplant (*Solanum melongena* L.) Yield. *Agronomy*, **2022**, 12, 1686 3.6 ○
- 81 Barriers and Opportunities for Sustainable Farming Practices and Crop Diversification Strategies in Mediterranean Cereal-Based Systems. *Frontiers in Environmental Science*, 10, 4.8 1
- 80 Impact of Collembola on the Winter Wheat Growth in Soil Infected by Soil-Borne Pathogenic Fungi. *Agronomy*, **2022**, 12, 1599 3.6
- 79 Highly Efficient and Reproducible Genetic Transformation in Pea for Targeted Trait Improvement. *ACS Agricultural Science and Technology*,
- 78 Genetic Improvement of Minor Crop Legumes: Prospects of De Novo Domestication.
- 77 Assessment of Variability for Nutritional Traits of Burr Medic Genotypes with Different Flowering Time.
- 76 Effects of homofermentative lactic acid bacteria and powdered molasses on fermentative losses, chemical composition and aerobic stability in whole-plant soybean silage. 1-14

- 75 Advances in studies on physiological and molecular regulation of barley tillering. **2022,**
- 74 Impact of recent climate change on cotton and soybean yields in the southeastern United States. **2022, 9, 100348** 1
- 73 Climate change mitigation potential of summer cowpea cover crops in Southern Australian cropping systems is limited. **2022, 339, 108116**
- 72 Fertilizer quality and labile soil organic matter fractions are vital for organic carbon sequestration in temperate arable soils within a long-term trial in Switzerland. **2022, 426, 116080** 1
- 71 Soil quality restoration and yield stabilization in acidic soils of northeastern Himalayas: Five years impact of green manuring and crop residue management. 10, 0
- 70 Interactive effects of ozone and carbon dioxide on plant-pollinator interactions and yields in a legume crop. **2022, 9, 100285** 0
- 69 Greenhouse gas mitigation and carbon sequestration potential in humid grassland ecosystems in Brazil: A review. **2022, 323, 116269** 0
- 68 The environmental impacts of different organic rice management in Italy considering different productive scenarios. **2022, 853, 158365** 0
- 67 Effects of Allelochemicals on Root Growth and Pod Yield in Response to Continuous Cropping Obstacle of Peanut. **2023, 92, 17-34** 0
- 66 Food Security: A Pathway Towards Improved Nutrition and Biodiversity Conservation. **2022, 79-107** 0
- 65 Relationships of frequencies of extreme low temperatures with grain yield of some Australian commercial chickpea cultivars. **2022, 66, 2105-2115** 0
- 64 Microprobe-XRF assessment of nutrient distribution in soybean, cowpea, and kidney bean seeds: a Fabaceae family case study. 0
- 63 Agroecological Management and Increased Grain Legume Area Needed to Meet Nitrogen Reduction Targets for Greenhouse Gas Emissions. **2022, 3, 539-554** 1
- 62 Current Trends in Organic Vegetable Crop Production: Practices and Techniques. **2022, 8, 893** 0
- 61 Explaining farmers' reluctance to adopt green manure cover crops planting for sustainable agriculture in Northwestern China¹. **2022,** 0
- 60 Optimized methods for random and targeted mutagenesis in field pea (*Pisum sativum* L.). 13, 0
- 59 The Physiological and Biochemical Response of Field Bean (*Vicia faba* L. (partim)) to Electromagnetic Field Exposure Is Influenced by Seed Age, Light Conditions, and Growth Media. **2022, 12, 2161** 0
- 58 Metabolomic insight into the synergistic mechanism of action of a bacterial consortium in plant growth promotion. **2022,** 1

57	Soil Microbiome: A Treasure Trove for Soil Health Sustainability under Changing Climate. 2022 , 11, 1887	0
56	Enhanced legume growth and adaptation to degraded estuarine soils using <i>Pseudomonas</i> sp. nodule endophytes. 13,	2
55	Effect of organic farming on the restoration of soil quality, ecosystem services, and productivity in rice-wheat agro-ecosystems. 10,	0
54	Optimised dry processing of protein concentrates from Australian pulses: A comparative study of faba bean, yellow pea and red lentil seed material.	0
53	Seasonal Shifts in Soil Microbiome Structure Are Associated with the Cultivation of the Local Runner Bean Variety around the Lake Mikri Prespa. 2022 , 11, 1595	0
52	Comparative Analysis of Molecular Allergy Features of Seed Proteins from Soybean (<i>Glycine max</i>) and Other Legumes Extensively Used for Food.	0
51	Sustainable plant-based ingredients as wheat flour substitutes in bread making. 2022 , 6,	1
50	Healthier and Sustainable Food Systems: Integrating Underutilised Crops in a Theory of Change Approach 2023 , 275-323	0
49	Disciplinary Categorization of the Cattle Supply Chain: A Review and Bibliometric Analysis. 2022 , 14, 14275	0
48	Photosynthetic and yield responses of rotating planting strips and reducing nitrogen fertilizer application in maize-peanut intercropping in dry farming areas. 13,	0
47	The effect of popping, a sustainable form of processing, soaking, boiling, and roasting processes on antinutritional factors in chickpea and red kidney bean.	0
46	Diversity of Legumes in the Cashew Agroforestry System in East Timor (Southeast Asia). 2022 , 11, 3503	0
45	Bibliometrics of the nexus between food security and carbon emissions: hotspots and trends.	0
44	The diversification of species in crop rotation increases the profitability of grain production systems. 2022 , 12,	1
43	Multi-SWOT Multi-Stakeholder-Based Sustainability Assessment Methodology: Applied to Improve Slovenian Legume-Based Agri-Food Chains. 2022 , 14, 15374	2
42	Development of Ready-to-Cook Functional Food Formulations Based on Cereals and Pulses for Elevated Nutritional, Nutraceutical and Antioxidant Activities.	0
41	Effects of high-carbon wood ash biochar on volunteer vegetation establishment and community composition on metal mine tailings.	0
40	Mitigating against <i>Sclerotinia</i> Diseases in Legume Crops: A Comprehensive Review. 2022 , 12, 3140	1

39	Biological soil quality and soil organic carbon change in biodynamic, organic, and conventional farming systems after 42 years. 2022 , 42,	1
38	Microprobe-XRF Assessment of Nutrient Distribution in Soybean, Cowpea, and Kidney Bean Seeds: A Fabaceae Family Case Study. 2022 , 2, 1318-1324	0
37	Cratylia argentea as a replacement to Tifton 85 hay on finishing lamb diets.	0
36	Dry matter production, nitrogen yield and estimation of nitrogen fixation of legumes on vertisols of the Ethiopian highlands. 2022 , 8, e12523	0
35	Identification and Characterization of New Seedborne Pathogens in Phaseolus vulgaris Landraces of Southern Italy. 2023 , 12, 108	1
34	Crop Wild Relatives: A Valuable Source of Tolerance to Various Abiotic Stresses. 2023 , 12, 328	2
33	Protein content enhanced in soybean under aonla-based agroforestry system.	0
32	Legume Grains as an Alternative to Soybean Meal in the Diet of Intensively Reared Dairy Ewes. 2023 , 15, 1028	0
31	Socioeconomic Evaluation of Common Bean (Phaseolus vulgaris L.) Cultivation in Providing Sustainable Livelihood to the Mountain Populations of Kashmir Himalayas. 2023 , 12, 213	1
30	Subterranean Clover and Sulla as Valuable and Complementary Sources of Bioactive Compounds for Rainfed Mediterranean Farming Systems. 2023 , 12, 417	1
29	Plant-Based Meat Alternatives: Technological, Nutritional, Environmental, Market, and Social Challenges and Opportunities. 2023 , 15, 452	0
28	Raising the Pulse—The environmental, nutritional and health benefits of pulse-enhanced foods.	0
27	Biotechnology for Sustainable Production of Food. 2023 ,	0
26	Simulations of rate of genetic gain in dry bean breeding programs. 2023 , 136, 1-22	0
25	Conventional and unconventional symbiotic nitrogen fixing bacteria associated with legumes. 2023 , 75-109	0
24	Aluminum Toxicity Tolerance in Food Legumes: Mechanisms, Screening, and Inheritance. 2023 , 369-390	0
23	Achieving the nutrient reduction objective of the Farm to Fork Strategy. An assessment of CAP subsidies for precision fertilization and sustainable agricultural practices in Germany. 7,	0
22	Legume growth and straw retention in sugarcane fields: Effects on crop yield, C and N storage in the central-south Brazil. 2023 , 347, 108374	0

- 21 Pulse-based cropping systems for soil health restoration, resources conservation, and nutritional and environmental security in rainfed agroecosystems. **13**,
- 20 Ascochyta blight (*Ascochyta fabae*) of faba bean (*Vicia faba* L.): Phenotypic and molecular characterization, pathogenicity and in vitro biological control by *Bacillus* spp. and *Pseudomonas* spp.. **2023**, **75**, 103-117
- 19 Co-inoculation of Bradyrhizobium and Phosphate Solubilizing Microbes on Growth Promotion of Groundnut Under Rain-fed Conditions. **2023**, **4**, 348-355
- 18 Genome-wide association study for the extractable phenolic profile and coat color of common bean seeds (*Phaseolus vulgaris* L.). **2023**, **23**,
- 17 Water productivity of major pulses [A review. **2023**, **281**, 108249
- 16 PlantACT! [how to tackle the climate crisis. **2023**, **28**, 537-543
- 15 It takes three to tango: citizen, fundamental and applied science. **2023**, **28**, 491-494
- 14 Environmental performance of mixed animal and plant protein sources for designing new fermented foods. **2023**, **9**, 100115
- 13 Comparative Metabolomic Profiling of Horse Gram (*Macrotyloma uniflorum* (Lam.) Verdc.) Genotypes for Horse Gram Yellow Mosaic Virus Resistance. **2023**, **13**, 165
- 12 Causes and Conditions for Reduced Cultivation and Consumption of Underutilized Crops: Is There a Solution?. **2023**, **15**, 3076
- 11 Improving Nitrogen Acquisition and Utilization Through Root Architecture Remodelling: Insight from Legumes.
- 10 Impact of Air-Drying Temperature on Antioxidant Properties and ACE-Inhibiting Activity of Fungal Fermented Lentil Flour. **2023**, **12**, 999
- 9 Potential of a marine *Pseudomonas aeruginosa* strain OG101 to combat *Fusarium oxysporum* associated wilt in legume crops. **2023**, **56**, 284-294
- 8 Environment-friendly nitrogen management practices in wetland paddy cultivation. **7**,
- 7 Silicon supplementation and jasmonate activation synergistically increase phenolic defences against a legume herbivore.
- 6 Lupin and Lima Beans Diminish Potatoes [N and P Uptake, Uptake Efficiency and Use Efficiency.
- 5 Screen of Native Lentil Lines Yield under Dryland Conditions using GGE Biplot Method. **2021**, **13**, 119-131
- 4 Genetic Variability for Iron, Zinc, and Protein Content in a Mediterranean Lentil Collection Grown under No-Till Conditions: Towards Biofortification under Conservation Agriculture. **2023**, **15**, 5200

- 3 Future Use Prospects of Legumes through Improvement and the Challenges Faced. ○
- 2 High Inter- and Intra- Diversity of Amino Acid Content and Protein Digestibility Disclosed in Five Cool Season Legume Species with a Growing Market Demand. **2023**, 12, 1383 ○
- 1 Sustainable agriculture for food and nutritional security. **2023**, 25-90 ○