



Research Papers Citing the Mobile Application 'Petiole Pro'

Published by Plant Scientists Worldwide, 2017 - 2023

No	Title	Author(s)	Country	Institution(s)	Year	Type	Journal/Resource	Link / DOI
1	The effect of a mycorrhizal preparation on the formation of yield of cucumber hybrids under protected soil conditions / Вплив мікоризного препарату на формування уро-жайності гібридів огірка посівного в умовах захищено-ного ґрунту	Yurchenko S.O Bahar A.V Silenok I.D Bohata I.V.	Ukraine	Poltava State Agrarian University	2023	Article	Agrarian Innovations	Agrarian Innovations
2	Determination of LD50 dose for ethyl methane sulphonate induced mutagenesis in Bhagwa Pomegranate	Mandeep Rawat V. P. Singh S. K. Verma Ratna Rai Ranjan Srivastava	India	G. B Pant University of Agriculture and Technology	2023	Article	Emergent Life Sciences Research	emergentresearch.org
3	Salicylic acid and chitosan mitigate high temperature stress of rice via growth improvement, physio-biochemical adjustments and enhanced antioxidant activity	Sujat Ahmed Sheikh Faruk Ahmed Arindam Biswas Amena Sultana Mohammad Issak	Bangladesh	Sher-e-Bangla Agricultural University Bangabandhu Sheikh Mujibur Rahman Agricultural University Bangladesh Agricultural Research Institute Bangladesh Rice Research Institute	2023	Article	Plant Stress	doi.org/10.1016/j.stress.2023.100343
4	Ecological assessment of stormwater chemical composition runoff from playgrounds in Kharkiv	Shestopalov O. Tykhomyrova T. Stadnik V.	Ukraine	National Technical University "Kharkiv Polytechnic Institute"	2023	Article	Ecological Sciences	doi.org/10.32846/2306-9716
5	Development of the concept of environmental safety of children's playgrounds in urban areas / Розробка концепції екологічної безпеки дитячих майданчиків урбанізованих територій	Stadnik V.	Ukraine	National Technical University "Kharkiv Polytechnic Institute"	2023	Research Paper	KPI Repository	repository.kpi.kharkov.ua
6	Method manual for setting up Germany-wide moor soil monitoring for climate protection (MoMoK) - Part 2: Forest / Methodenhandbuch für den Aufbau eines deutschlandweiten Moorbodenmonitorings für den Klimaschutz (MoMoK)- Teil 2: Wald	Gabriel Marvin Gärtner Julian Pfaffner Nora Oertel Cornelius Seimert Marc Bielefeldt Judith Makowski Vera Wellbrock Nicole	Germany	Thünen-Institut für Waldökosysteme	2023	Research Paper	Thünen Working Paper 226	Thünen-Institut für Waldökosysteme
7	Elicitor Nuswantara Biosaka: Sustainable Agricultural Breakthrough Towards the Archipelago Land of Harmony / Elisitor Nuswantara Biosaka: Terobosan Pertanian Berkelanjutan Menuju Tanah Nusantara Land of Harmony	Ansar M Manurung I Barki H Suwandi I Rachmat Pambudy I Pambudy R Fahmid I Sugiharto U	Indonesia	The Ngawi Regency Food Security and Agriculture Service	2023	Article	IPB Press	Elisitor Nuswantara Biosaka
8	Influence of phylogenetic diversity of plant communities on tri-trophic interactions	Verónica Alavez Rocio Santos-Gally Manuel Gutiérrez-Aguilar Ek del-Val Karina Boege	Mexico	Universidad Nacional Autónoma de México	2023	Article	Oecologia	link.springer.com



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9	Method for Plant Leaves Square Area Estimation Based on Digital Image Analysis	Y. Proshkin A. Smirnov D. Burynin V. Panchenko	Russia	Federal Scientific Agroengineering Center VIM	2023	Article	Intelligent Computing and Optimization	link.springer.com
10	Efficacy evaluation of a biostimulant for cold stress in sunflower and maize plants grown in climate chamber / Valutazione dell'efficacia di un biostimolante per stress da freddo su piante di girasole e mais coltivate in camera climatica.	Giacomoni, Morgan	Italy	Università Politecnica delle Marche	2023	PhD Thesis	UNIItesi	tesi.univpm.it
11	Development of bioinformatic solution to enhance metabolomics data quality and its application in plant research	Zixuan Zhang	Canada	University of British Columbia	2023	PhD Thesis	Open Library	open.library.ubc.ca
12	Determination of LD50 dose for ethyl methane sulphonate induced mutagenesis in Bhagwa Pomegranate	Mandeep Rawat V. P. Singh S. K. Verma Ratna Rai Ranjan Srivastava	India	G. B Pant University of Agriculture and Technology	2023	Article	emergent Life Sciences Research	www.emergentresearch.org
13	Exploration of biostimulant property of seaweed liquid extract (SLE) on the growth development and yield of Solanum lycopersicum (Tomato)	T. Karthik M. A. Jayasri	India	Vellore Institute of Technology	2023	Article	Aquaculture International	link.springer.com
14	Systematic study on the effect of seaweed fertilizer on the growth and yield of Vigna radiata (L.) R. Wilczek (Mung bean)	T. Karthik M. A. Jayasri	India	Vellore Institute of Technology	2023	Article	Journal of Agriculture and Food Research	www.sciencedirect.com
15	The assimilation surface of winter wheat under the effect of seed treatment with biological preparations / Асиміляційна поверхня пшениці озимої залежно від передпосівної обробки насіння біологічними препаратами	Kalenska Svitlana Mykhailivna Gordyna Olena	Ukraine	National University of Life and Environmental Sciences of Ukraine	2023	Article	Innovative Agrotechnologies	doi.org/10.47414/na.11.2.2023.285330
16	Effectiveness of seed treatment with biopreparations for increasing soybean (<i>Glycine max</i> (L.) Merr.) productivity / Ефективність оброблення насіння сої культурної <i>Glycine max</i> (L.) Merr. біопрепаратами у підвищенні її продуктивності	Dymytrov Serhii Sabluk Vasyi	Ukraine	Ukrainian institute for plant variety examination Institute of Bioenergy Crops and Sugar Beets	2023	Article	International Science Journal of Engineering & Agriculture	doi.org/10.46299/j.isjea.20230203.07
17	Sett priming with salicylic acid improves salinity tolerance of sugarcane (<i>Saccharum officinarum</i> L.) during early stages of crop development	Tasfique Amin Apona Sheikh Faruk Ahmedb Zannatul Ferdaous Bonyc Md. Rizvi Chowdhuryd Jannatul Ferdoushi Ashae Arindam Biswasf	Bangladesh	Bangladesh Sugarcrop Research Institute Bangabandhu Sheikh Mujibur Rahman Agricultural University Bangladesh Agricultural Research Institute	2023	Article	Cell - Heliyon	doi.org/10.1016/j.heliyon.2023.e16030



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18	Elucidation of Physiological, Transcriptomic and Metabolomic Salinity Response Mechanisms in <i>Medicago sativa</i>	Stacy D. Singer Madeline Lehmann Zixuan Zhang Udaya Subedi Kimberley Burton Hughes Nathaniel Z.-L. Lim Rodrigo Ortega Polo Guanqun Chen Surya Acharya Abdelali Hannoufa Tao Huan	Canada	Lethbridge Research and Development Centre, Agriculture and Agri-Food Canada University of Alberta University of British Columbia London Research and Development Centre, Agriculture and Agri-Food Canada	2023	Article	MDPI Plants	doi.org/10.3390/plants12102059
19	Assessment of Nitrogen Nutrition Index of Winter Wheat Canopy from Visible Images for a Dynamic Monitoring of N Requirements	Christelle Gée Emmanuel Denimal Maël de Yparraguirre Laurence Dujourdy Anne-Sophie Voisin	France	INRAE L'Institut Agro Dijon	2023	Article	Remote Sensing	doi.org/10.3390
20	White clover (<i>Trifolium repens</i>) population dynamics are partly dependent on timing of seminal taproot death	Janssen Pedro W. L. Hoekstra Nyncke J. Schoot Jan Rinze van der Eekeren Nick van	Netherlands	Louis Bolk Institute Wageningen University and Research	2023	Article	Grass and Forage Science	onlinelibrary.wiley.com
21	Productive behavior of mulberry (<i>Morus alba</i> L.) subjected to different fertilizers and cutting frequencies, Managua, Nicaragua, 2022 / Comportamiento productivo de morera (<i>Morus alba</i> L.) sometida a diferentes fertilizantes y frecuencias de corte, Managua, Nicaragua, 2022	Jorge Armando Vásquez Gutiérrez Odalis Marcela Membreño Aguilar	Nicaragua	Universidad Nacional Agraria	2023	Master's Thesis	Repositorio Una	cenida.una.edu.ni
22	Comparison of Different Tools and Methods in the Measurement of Leaf Area in Alfalfa	Kizildeniz Tefide	Turkey	Nigde Omer Halisdemir University	2023	Article	Black Sea Journal of Engineering and Science	dergipark.org.tr
23	Fagus Sylvatica Dominance in European Forests	Petrovska Roksolana	Switzerland	ETH Zurich	2022	PhD Thesis	Research Collection	www.research-collection.ethz.ch
24	Effect of quality seed and improvement of cultivation technology to increase the yield of shallots (<i>Allium cepa</i> L. Var. <i>Aggregatum</i>)	Vinni Denivita Tome I Nyoman Rai Rindang Dwiyani Gede Wijana	Indonesia	State Agricultural Polytechnic Kupang College Udayana University	2022	Article	GSC Biological and Pharmaceutical Sciences	gsconlinepress.com
25	Estimation of single leaf area in major tasar host plant species (arjun, asan, and jarul) through non-destructive method.	Kumar B Mahto RK Doss SG Aparna K Yadav H Sathyanarayana K	India	Central Tasar Research and Training Institute	2022	Article	Plant Archives	plantarchives.org



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26	Growth Enhancement of Rice Plants on Saline-Sodic Soils through Application of Gypsum Amendment and Biochar Amendment Rice Hull-Cow Manure and through Seed Biopriming with <i>Pseudomonas Aeruginosa</i> and <i>Azotobacter chroococcum</i> / Peningkatan Pertumbuhan Tanaman Padi pada Tanah Salin-Sodik melalui Aplikasi Amendemen Gypsum dan Amendemen Biochar Sekam Padi-Kotoran Sapi serta melalui Biopriming Benih dengan <i>Pseudomonas Aeruginosa</i> dan <i>Azotobacter chroococcum</i>	Imelda Magdalena Robert Manurung	Indonesia	Institut Teknologi Bandung	2023	Article	Repository Tugas Akhir SITH-ITB	doi.org
27	The effect of fungi and bacteria symbiosis with the root system of annual sunflower <i>Helianthus annuus L.</i> /Ефект симбіозу грибів і бактерій з кореневою системою рослин соняшнику однорічного <i>Helianthus annuus L.</i>	Dymytrov Serhii	Ukraine	Ukrainian Institute of Expertise of Plant Varieties	2022	Article	Agrarian Innovations / Аграрні інновації	agrarian-innovations.izprks.ua
28	Effect of Giving Trichoderma sp. and NPK Fertilizer on the Growth of Clove (<i>Syzygium aromaticum L.</i>) = Effect of Giving Trichoderma sp. and NPK Fertilizer on the Growth of Clove Seeds (<i>Syzygium aromaticum L.</i>) / Pengaruh Pemberian Trichoderma sp. dan Pupuk NPK Terhadap Pertumbuhan Bibit Cengkeh (<i>Syzygium aromaticum L.</i>) = Effect of Giving Trichoderma sp. and NPK Fertilizer on the Growth of Clove Seeds (<i>Syzygium aromaticum L.</i>)	Safira Syafawida	Indonesia	Universitas Hasanuddin	2022	Master's Thesis	Repository UNHAS	repository.unhas.ac.id
29	Conservation, Cultivation and Propagation of <i>Zingiberaceae</i> Species of Manipur and Ethnobotanic Utility: A Review	Singh SS Thokchom Rocky Thokchom Jenita Devi Maibam Haripriya Singh Potsangbam Kumar	India	Dr Babasaheb Ambedkar Marathwada University South Asian Institute of Rural and Agricultural Management (SAIRAM) Manipur University	2022	Article	International Journal of Innovative Science, Engineering & Technology	ijiset.com
30	Modeling the water and nutrient movement under biochar presence, slow-release fertilizer application and different water management, for two soil types during a rice column experiment in Cambodia	Willemet Rémy	Belgium Cambodia	Université de Liège, Liège, Belgique Institute of technology of Cambodia, Phnom Penh, Cambodia	2022	Master's Thesis	MatheO	matheo.uliege.be
31	The Effects of red and blue LED light on growth, yield and chlorophyll content of pakchoy (<i>Brassica chinensis L.</i>) plants in growbox / Efek cahaya LED merah dan biru pada pertumbuhan, hasil dan kandungan klorofil tanaman pakchoy (<i>Brassica chinensis L.</i>) dalam Growbox	Rosyida Karno Karno Putra Fajrin Pramana Limantara Julian Christopher	Indonesia	Universitas Diponegoro	2022	Article	AGROMIX	jurnal.yudharta.ac.id
32	Evaluation of the impact of varied biochars produced from giganteus waste and application rate on the soil properties and physiological parameters of <i>Spinacia oleracea L.</i>	Kononchuk Oleksandr Pidlisnyuk Valentina Mamirova Aigerim Khomenchuk Volodymyr Herts Andriy Grycová Barbora Klemencová Kateřina Leštinský Pavel Shapoval Pavlo	Ukraine Czech Republic Kazakhstan	Ternopil Volodymyr Hnatiuk National Pedagogical University Jan Evangelista Purkyně University Institute of Genetics and Physiology SC MES RK, Al-Farabi VSB - Technical University of Ostrava, Ostrava Lviv Polytechnic National University	2022	Article	Environmental Technology & Innovation	sciencedirect.com



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33	The Influence of Agroforestry Systems in Sustaining Plant Species Diversity and Cocoa Productivity Based on Cocoa Plantations / Pengaruh Sistem Agroforestri dalam Kelestarian Keanekaragaman Jenis Tanaman dan Produktivitas Kakao Berbasis Perkebunan Kakao	Agus Mappa	Indonesia	Universitas Hasanuddin	2022	Master's Thesis	Repository UNHAS	repository.unhas.ac.id
34	The CRISPR/Cas9-Mediated Modulation of SQUAMOSA PROMOTER-BINDING PROTEIN-LIKE 8 in Alfalfa Leads to Distinct Phenotypic Outcomes	Singer Stacy D Hughes Kimberley Burton Subedi Udaya Dhariwal Gaganpreet Kaur Kader Kazi Acharya Surya Chen Guanqun Hannoufa Abdelali	Canada	Lethbridge Research and Development Center, Agriculture and Agri-Food Canada, Lethbridge, AB, Canada	2022	Article	Frontiers in Plant Science	frontiersin.org
35	Biotechnology of <i>Nicotiana tabacum</i> cultivation on media with magnetic nanoparticles / Біотехнологія вирощування рослин <i>Nicotiana tabacum</i> на середовищах з магнітними наночастинками	Bohaievskia D.O.	Ukraine	National Technical University of Ukraine "Kyiv Polytechnic Institute"	2022	Master's Thesis	ELA.kpi.ua	ela.kpi.ua
36	The prospects of using endemic species of plants for the greening of playgrounds in urbanised areas /Перспективи використання ендемічних видів зелених насаджень для озеленення дитячих майданчиків урбанізованих територій.	Stadnik V. Yu.	Ukraine	Національний технічний університет «Харківський політехнічний інститут»	2022	Article	Tavriya Scientific Journal / Таврійський науковий вісник	www.tnv-agro.ksauniv.ks.ua
37	Effect of CO ₂ Content in Air on the Activity of Carbonic Anhydrases in Cytoplasm, Chloroplasts, and Mitochondria and the Expression Level of Carbonic Anhydrase Genes of the α- and β-Families in <i>Arabidopsis thaliana</i> Leaves	Rudenko Natalia N. Ignatova Lyudmila K. Naydov Ilya A. Novichkova Natalia S. Ivanov Boris N.	Russia	Institute of Basic Biological Problems of the Russian Academy of Sciences	2022	Article	Plants	mdpi.com/2223-7747
38	<i>Bacillus velezensis</i> QA2 Potentially Induced Salt Stress Tolerance and Enhanced Phosphate Uptake in Quinoa Plants	Mahdi Ismail Allaoui Abdelmounaaim Fahsi Nidal Biskri Latefa	Morocco	Mohammed VI Polytechnic University	2022	Article	Microorganisms	mdpi.com/2076-2607
39	Genetically based adaptive trait shifts at an expanding mangrove range margin	Kennedy John Paul Johnson Giles N. Preziosi Richard F. Rowntree Jennifer K.	United Kingdom	Manchester Metropolitan University	2022	Article	Hydrobiologia	doi.org/10.1007/
40	Evaluation of the effect of a biofertilizer made from the residual sludge from the water treatment plant in the city of Ibarra enhanced with <i>Trichoderma</i> sp. applied to <i>Phaseolus vulgaris</i> / Evaluación del efecto de un biofertilizante elaborado a partir del lodo residual de la planta de tratamiento de aguas de la ciudad de Ibarra potenciado con <i>Trichoderma</i> sp. aplicado en <i>Phaseolus vulgaris</i>	Bastidas Cevallos Nataly Lorena Martínez Quimbiulco Alison Dayana	Ecuador	Universidad Técnica del Norte	2022	Master's Thesis	Repositorio UTN	repositorio.utn.edu.ec



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41	Growth and Production Responses of Mustard Greens (<i>Brassica Juncea</i>) To Various Nutrients and Hydroponic Growing Media Drip Irrigation Systems / Respon Pertumbuhan dan Produksi Sawi (<i>Brassica Juncea</i>) Terhadap Berbagai Nutrisi dan Media Tanam Hidroponik Sistem Irigasi Tetes	Saleh Zasmitha	Indonesia	Universitas Hasanuddin	2022	Master's Thesis	Repository UNHAS	repository.unhas.ac.id
42	Evaluation of the Stimulating Effect of Ozonified Oil (Agrozol), on the Cultivation of Sunflower (<i>Helianthus annuus</i>), Sunbright Hybrid in Juan Montalvo Parish / Evaluación del efecto estimulante del aceite ozonificado (Agrozol), en el cultivo de girasol (<i>Helianthus annuus</i>), híbrido Sunbright en la parroquia Juan Montalvo	Bryan Alexander Guevara Izurieta	Ecuador	Universidad Técnica de Ambato	2022	Master's Thesis	Repositorio UTA	repositorio.uta.edu.ec
43	Analysis of the use of applications in the determination of leaf area of different species / Análise do uso de aplicativos na determinação de área foliar de diferentes espécies	Fabiana Campos Resende	Brazil	Universidade Federal de Viçosa	2022	Master's Thesis	Repositorio UFV	www.locus.ufv.br
44	Effect of Rabbit urine on Larval Behaviour, Egg Hatchability, Pupal Emergence and Oviposition Preference of the Fall Armyworm (<i>Spodoptera Frugiperda</i> J.E. Smith)	Kemunto Diana Mfuti David Omuse Evanson Tamiru Amanuel Hailu Girma Rwiza Ignath Subramanian Sevgan Belayneh Yeneneh T. Niassy Saliou	Kenya Tanzania	International Centre of Insect Physiology and Ecology (ICIPE) Tanzania Agricultural Research Institute Ukiriguru Center	2022	Article	Research Square	doi.org/10.21203
45	Effect of arbuscular mycorrhizal fungus on the growth and polyphenol production of medicinal plants: <i>Ehretia asperula</i> and <i>Solanum procumbens</i>	Bui Cuong Le Quang Vo Anh TK Tran Lam D.	Vietnam	Vietnam Academy of Science and Technology	2022	Article	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	www.notulaeobotanicae.ro
46	Silicon fertilization in paddy field	Malhotra Chanchal Monika Monika	India	Baba Mastnath University	2022	Article	International Journal of Health Science	doi.org/10.53730
47	Production Technology for the <i>Wild Berberis lycium</i> Fresh Mass Production in Control Chamber at Low Altitude Area	Tahseen Ullah Noorul Amin	Pakistan	The University of Agriculture Peshawar	2021	Article	Sarhad Journal of Agriculture	dx.doi.org/10.17582
48	Bio control of water hyacinth with <i>Cercospora piaropi</i> and <i>Myrothecium roridum</i> corn oil formulations for enhanced water resources management and conservation	Mutebi Chrispo M. Opande George T. Musyimi David M.	Kenya	Maseno University	2021	Article	Maseno University Institutional Repository	ejasti.org
49	Performance of the petiole mobile application on the leaf area estimation as varied with calibration height	Singh Jagjeet Singh Laxman Kumar Abhishek	India	Indian Agricultural Research Institute (ICAR-IARI)	2021	Article	The Pharma Innovation	thepharmajournal.com
50	Estimation of leaf area by mobile application: Fast and accurate method	Singh Jagjeet Singh Laxman Kumar Abhishek	India	Indian Agricultural Research Institute (ICAR-IARI)	2021	Article	The Pharma Innovation	thepharmajournal.com



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51	Cultivation practises of <i>Curcuma Angustifolia Roxb.</i> , in ICAR Research Complex for Neh Region, Manipur Centre, Lamphelpat, Imphal, India	Singh S.S Rocky Thokchom Thokchom Jenita Dr. Maibam Haripriya Devi Arvind Dhabe Potsangbam Kumar Singh	India	Dr Babasaheb Ambedkar Marathwada University South Asian Institute of Rural and Agricultural Management (SAIRAM) Manipur University	2021	Article	International Journal of Agriculture Sciences	bioinfopublication.org
52	Phenotypical changes in hop induced by micropropagation	de Souza Rúbia Rosa Adams Cristiane de Melo Rita Carolina Guidolin Altamir Frederico Michel Adriano Coimbra Jefferson Luís Meirelles	Brazil	Universidade do Estado de Santa	2021	Article	Plant Cell, Tissue and Organ Culture	doi.org/10.1007
53	The Role of Biological Products and Nitrogen Fertilizers in the Formation of Buckwheat Productivity under Conditions of the Kursk Region	Breskina Galina Chuyan Nataliya	Russia	Kursk Federal Agricultural Research Center	2021	Article	Russian Agricultural Sciences	doi.org/10.3103
54	Effect of NPK Fertilizer Dosage on Growth and Production of Cuttings of Mother Pepper (<i>Piper nigrum/Piper colubrinum</i>) / Pengaruh Dosis Pupuk NPK terhadap Pertumbuhan dan Produksi Stek Pohon Induk Lada Sambung (<i>Piper nigrum/Piper colubrinum</i>)	Ermia Citra Esatika	Indonesia	Universitas Lampung	2021	Master's Thesis	Repositorio UNILA	digilib.unila.ac.id
55	Efficiency of energen aqua solution when soaking sugar pea seeds / Эффективность раствора энерген аква при замачивании семян гороха сахарного	Митрюшина О.Д. Олехов В.Р.	Russia	ФГБОУ ВО Пермский ГАТУ	2021	Article	Youth Science 2021: Technologies, Innovations / Молодежная наука 2021: Технологии, Инновации	pgatu.ru
56	Survival time and mortality rate of regeneration in the deep shade of a primeval beech forest	Petrovska Roksolana Bugmann Harald Hobi Martina Ghosh Shyamolina Brang Peter	Switzerland	Swiss Federal Institute for Forest, Snow and Landscape Research	2021	Article	European Journal of Forest Research	link.springer.com
57	Increasing maize productivity by presowing usage of biologies Mycofriend, Mikovital and Florobacillin	Dymyrov Serhii Sabluk Vasil Tanchyk Semen Gumentyk Mykhailo Balagura Oleg	Ukraine	National University of Life and Environmental Sciences Institute of Energy Crops and Sugar Beet	2021	Article	International Conference on Sustainable, Circular Management and Environmental Engineering	e3s-conferences.org



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58	Identification of Differential Drought Response Mechanisms in <i>Medicago sativa</i> subsp. <i>sativa</i> and <i>falcata</i> through Comparative Assessments at the Physiological, Biochemical, and Transcriptional Levels	Singer Stacy D. Subedi Udaya Lehmann Madeline Hughes Kimberley Burton Feyissa Biruk A. Hannoufa Abdelali Shan Bin Chen Guanqun Kader Kazi Polo Rodrigo Ortega Schwinghamer Timothy Dhariwal Gaganpreet Kaur Acharya Surya	Canada	Agriculture and Agri-Food Canada	2021	Article	Plants	mdpi.com/2223-7747
59	Effects doses responses of acetylsalicylic acid with caffeine in plants of kidney beans (<i>Phaseolus vulgaris</i>) through home methodology / Efectos dosis respuesta del ácido acetilsalicílico con cafeína en plantas de frijol (<i>Phaseolus vulgaris</i>) mediante metodología casera	Barrios Karelys Cruz Didimo Suárez Daniel Dominguez Viccelda	Panama	Universidad Tecnológica de Panamá	2021	Article	Portal de Revistas Académicas UTP	revistas.utp.ac.pa
60	The Effect of Kepok Banana Peel Liquid Organic Fertilizer and TSP Fertilizer on the Growth and Production of Peanut Plants / Pengaruh Pupuk Organik Cair Kulit Pisang Kepok dan Pupuk TSP Terhadap Pertumbuhan dan Produksi Tanaman Kacang Tanah	Rudi Anto	Indonesia	Universitas Islam Riau	2021	Master's Thesis	Repository UIR	repository.uir.ac.id
61	Effect of <i>Bacillus subtilis</i> , <i>Lecanicillium lecanii</i> and <i>Trichoderma</i> spp., in control of <i>Hemileia vastatrix</i> in <i>Coffea arabica</i> in Pangao / Efecto de <i>Bacillus subtilis</i> , <i>Lecanicillium lecanii</i> y <i>Trichoderma</i> spp., en control de <i>Hemileia vastatrix</i> en <i>Coffea arabica</i> en Pangao	Reysonw Cosinga Eslava	Peru	Universidad Nacional del Centro del Perú	2021	Master's Thesis	Repositorio UNCP	repositorio.uncp.edu.pe
62	Grow slowly, persist, dominate—Explaining beech dominance in a primeval forest	Petrovska Roksolana Brang Peter Gessler Arthur Bugmann Harald Hobi Martina Lena	Switzerland	Swiss Federal Institute for Forest, Snow and Landscape Research	2021	Article	Ecology and Evolution	onlinelibrary.wiley.com
63	Growth Characteristics of <i>Piper colubrinum</i> and Grafting of <i>Piper nigrum</i> / <i>Piper colubrinum</i> / Karakteristik Pertumbuhan Melada dan Lada Sambung	Nova Anggraini Rusdi Evizal Liska Mutiara Septiana	Indonesia	Universitas Lampung Badan Penelitian dan Pengembangan Daerah Provinsi Lampung	2021	Article	Jurnal Agrotropika	scholar.archive.org
64	Use of ornamental plants to improve indoor air quality	Nawapha Choeijaroen Wanwit Tamthong	Thailand	King Mongkut's University of Technology North Bangkok	2020	Article	NCCE25	www.conference.thaince.org
65	Effect of Palm Oil Sludge Solid Waste and Mutiara NPK Fertilizer 16:16:16 on the Growth and Production of Renek Long Bean (<i>Vigna unguiculata</i> Var. <i>Sesquipedalis</i>) / Pengaruh Limbah Padat Sludge Kelapa Sawit dan Pupuk NPK Mutiara 16:16:16 Terhadap Pertumbuhan dan Produksi Kacang Panjang Renek (<i>Vigna unguiculata</i> Var. <i>Sesquipedalis</i>)	M. Hermanto	Indonesia	Universitas Islam Riau	2020	Master's Thesis	Repository UIR	repository.uir.ac.id



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No	Title	Author(s)	Country	Institution(s)	Year	Type	Journal/Resource	Link / DOI
66	Growth Response and Production of Strawberry (<i>Fragaria sp.</i>) on Various Potassium and Giberelin Concentrations Using NFT Hydroponics / Respon Pertumbuhan dan Hasil Tanaman Stroberi (<i>Fragaria sp.</i>) pada Berbagai Konsentrasi Kalium dan Giberelin dengan Hidroponik NFT.	Muhamad Eka Danta W. B.	Indonesia	Universitas Pembangunan Nasional "Veteran"	2020	Master's Thesis	Eprints UPNYK	eprints.upnyk.ac.id
67	Сравнительный анализ некоторых классических и современных методик определения площади листовой поверхности / Comparative analysis of some classical and modern methods for determining the area of the leaf surface.	Дорофеева М. М. Бонецкая С. А.	Russia	Санкт-Петербургский государственный лесотехнический университет им. С.М. Кирова	2020	Article	Plant Resources/Растительные Ресурсы	doi.org/10.31857
68	Plant Growth Enhancement using Rhizospheric Halotolerant Phosphate Solubilizing Bacterium <i>Bacillus licheniformis</i> QA1 and <i>Enterobacter asburiae</i> QF11 Isolated from <i>Chenopodium quinoa</i> Willd	Mahdi Ismail Fahsi N Hafidi M Allaoui A Biskri L	Morocco	Mohammed VI Polytechnic University	2020	Article	Microorganisms	mdpi.com/2076-2607
69	Peculiarities of the development of plants <i>Solanum lycopersicum</i> L. from the seeds of the 2017-2019 harvest / Особенности развития растений <i>Solanum lycopersicum</i> L. из семян урожая 2017-2019 гг	Протасова А.А. Коваленко Л.В. Протасова Марина Викторовна	Russia	Курский государственный университет	2020	Article	Environment: Comfort and Environmental Safety / Окружающая Среда: комфортность и экологическая безопасность	elibrary.ru
70	Ratio of ammonium and nitrate to response of chinese broccoli variety (<i>Brassica oleracea</i> Var. <i>Alboglabra</i>) in hydroponic culture	Farid BDR M Widiyanti N Anshori M F Zulqaida	Indonesia	Hasanuddin University	2020	Article	IOP Science	doi.org/10.1088
71	The Effect of Shrimp Extract Water and AB Mix Nutrition on the Growth and Yield of Mustard Pagoda (<i>Brassica narinosa</i>) with the Hydroponic Cultivation System with the Wick System / Pengaruh Air Ekstrak Limbah Udang dan Nutrisi AB Mix terhadap Pertumbuhan dan Hasil Tanaman Sawi Pagoda (<i>Brassica narinosa</i>) dengan Sistem Budidaya Hidroponik Sistem Sumbu (wick)	Muhamad Budiwansah	Indonesia	Universitas Islam Riau	2020	Master's Thesis	Repository UIR	repository.uir.ac.id
72	Bio-uptake of metalloids (inorganic antimony and arsenic) by plants and development of electroanalytical methods for antimony detection and speciation	Tuyogon Dennis San Jose	United Kingdom	University of Liverpool	2020	PhD Thesis	Livrepository	livrepository.liverpool.ac.uk
73	Desarrollo de plantas de café (<i>Coffea arabica</i> L.) de la variedad marsellesa modulado por el uso de micorrizas / Development of coffee plants (<i>Coffea arabica</i> L.) of the Marseillaise variety modulated by the use of mycorrhiza	Zayner Edin Rodriguez Flores	Mexico	Instituto Tecnológico Superior de la Sierra Norte de Puebla	2020	Master's Thesis	Tecnologico Nacional De Mexico	vicmor.net
74	Effects of goat farming and deforestation on the composition and functional diversity of plant communities in the Caatinga	Sousa José Batista de	Brazil	Universidade Federal Rural do Semi-Árido	2020	Master's Thesis	Repositorio UFERSA	repositorio.ufersa.edu.br
75	Estimation models of leaf area in Vitis vinifera "Mencia" / Modelos de estimación del área foliar en Vitis vinifera "Mencia"	The Junta of Castile and León	Spain	The Junta of Castile and León	2020	Article	The Junta of Castile and León	estadistica.jcyl.es



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76	Menadione sodium bisulphite (MSB): Beyond seed-soaking. Root pretreatment with MSB primes salt stress tolerance in tomato plants	Jiménez-Arias David García-Machado Francisco J. Morales-Sierra Sarai Suárez Emma Pérez José A. Luis Juan C. Garrido-Orduña Cristina Herrera Antonio J. Valdés Francisco Sandalio Luisa M. Borges Andrés A.	Spain	IPNA-CSIC Universidad de La Laguna Avda Estación Experimental del Zaidín - CSIC	2019	Article	Environmental and Experimental Botany	sciencedirect.com
77	Water relations determine short time leaf growth patterns in the mangrove <i>Avicennia marina</i> (Forssk.)	Hilty Jonas Pook Chris Leuzinger Sebastian	New Zealand	Auckland University of Technology	2019	Article	Plant, Cell & Environment	onlinelibrary.wiley.com
78	In Situ Leaf Growth Measurements Using Digital Image Analysis	Hilty Jonas	New Zealand	Auckland University of Technology	2019	PhD Thesis	Open Repository AUT	openrepository.aut.ac.nz
79	Effect of microbial preparations on the quality of substrate and biomass of Sacha Inchi (<i>Plukenetia volubilis</i> L.) under greenhouse conditions as a sustainable alternative, in the EEA El Porvenir, Juan Guerra	Abel Nicolas Panduro Peñaherrera	Peru	Universidad Peruana Unión	2019	Bachelor's Thesis	Repositorio UPEU	repositorio.upeu.edu.pe
80	Software for monitoring and control of indicators of soybean breeding processes / Программное обеспечение для мониторинга и контроля показателей селекционных процессов посевов сои	Kurbanov Rashid Zakharova Olga Zakharova Nataliya Gorshkov Dmitriy	Russia	Federal Scientific Agroengineering Center VIM	2019	Article	Innovations in Agriculture / Инновации в сельском хозяйстве	elibrary.ru
81	Determining of Heavy Metals Content in Three Leafy Vegetables Treated with Compost Produced by Quashie Municipal Solid Waste Plant	Abdi Ibrahim Abdi Schlosser Sonja	Iraq Germany	Journal of the university of Duhok University of Hohenheim	2019	Article	Journal of Duhok University	journal.uod.ac
82	Evaluation of the antioxidant activity, according to pharmacogeography, in hydroalcoholic extracts obtained from the leaves of <i>Psidium guajava</i> L. (<i>guava</i>) / Evaluación de la actividad antioxidante, según la farmacogeografía, en extractos hidroalcohólicos obtenidos de las hojas de <i>Psidium guajava</i> L. (<i>guayaba</i>).	Arias Jarrin Nelly Mishel	Ecuador	Universidad Central del Ecuador	2019	Master's Thesis	Repositorio Uce	www.dspace.uce.edu.ec
83	Ability of Angsana (<i>Pterocarpus indicus</i> Willd.) and Mahogany (<i>Swietenia macrophylla</i> King.) Leaves in Adhering to Dust in the City of Bandung / Kemampuan Daun Angsana (<i>Pterocarpus indicus</i> Willd.) dan Mahoni (<i>Swietenia macrophylla</i> King.) dalam Penempelan Debu di Kota Bandung	Kennard Jerdy Kusuma	Indonesia	Institut Teknologi Bandung	2019	Master's Thesis	Digilib ITB	digilib.itb.ac.id
84	Effect of Pyrroloquinoline-Quinone on Germination and Growth Characteristics of Groundnut (<i>Arachis hypogaea</i>)	Nagar A. Tamhane A. Chouhan R. Ratnaparkhe S.	India	Indore Biotech Inputs and Research Pvt. Ltd	2019	Article	International Journal of Agriculture Sciences	bioinfopublication.org
85	Effect of Island Guano on the Yield of Two Chard Cultivars (<i>Beta Vulgaris</i> L. <i>Vulgaris</i> var. <i>Cicla</i>)	Ticona Edwin Salamanca	Peru	National University of the Altiplano de Puno	2019	Master's Thesis	Repositorio UNAP	repositorio.unap.edu.pe



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86	Biomass, Nutrient Content and Allometric Relations of Intensively Grown Cocoa (<i>Theobroma cacao</i>) Trees in Ecuador	Fisher David	Netherlands	Wageningen University	2018	Master's Thesis	Edepot	edepot.wur.nl/471676
87	The influence of light regime on the growth data and pigment composition of the plant <i>Gentiana lutea</i> cultured in vitro	Hrytsak Lyudmyla Herts Andrii Nuzhyna Nataliya Cryk Mariya Shevchenko Victor Drobyk Nadia	Ukraine	Taras Shevchenko National University of Kyiv Ternopil Volodymyr Hnatiuk National Pedagogical University Institute of Plant Physiology and Genetics	2018	Article	Regulatory Mechanisms in Biosystems	doi.org/10.15421
88	Innovations on the world and Ukrainian grain market / Інновації на світовому та українському ринку зерна	Geiko Liudmyla Kushnir Olena	Ukraine	Odesa National Economic University	2018	Article	Scientific Journal of Odesa National Economic University / Науковий вісник [Одеського національного економічного університету]	NBUV
89	Trends of information technologies development in crop production / Тенденции развития информационных технологий в растениеводстве	Isakova SP Lapchenko EA	Russia	Сибирский федеральный научный центр агробиотехнологий Российской академии наук	2018	Article	Current Trends in Agrarian Science Development in the Research of Young Scientists / Актуальные направления развития аграрной науки в работах молодых ученых	spsl.nsc.ru
90	Evaluation Methods Of Estimation Of Young Apple Trees Leaf Area	Polunina Oleksandra Mayboroda Volodymyr Seleznev Andrii	Ukraine	Uman National University of Horticulture	2018	Article	Journal of UNUH / Вісник УНУС	doi.org/10.31395
91	Ukrainian startup: current state of innovative businesses / Українські стартапи: сучасний стан розвитку інноваційного підприємництва	Gladka L.I., Kolesnik E.A	Ukraine	Dnipro University of customs and finance	2017	Article	Young Scientist	www.irbis-nbuv.gov.ua
92	Change in some physiological indicators of the plant <i>Phaseolus vulgaris</i> L. with varying concentrations of nano-molybdenum / Зміна деяких фізіологічних показників рослин <i>Phaseolus vulgaris</i> L. за різної концентрації наномолібдену	Herts Andrii Kononchuk Oleksandr	Ukraine	Ternopil Volodymyr Hnatiuk National Pedagogical University	2017	Article	Dspace TNPU	dspace.tnpu.edu.ua