

Papers published in most – cited journals

- ranked in the first Quartile/Q1 by ISI WEB OF SCIENCE/CLARIVATE ANALYTICS - „red zone” UEFISCDI) in 2023

Nr	Titlu	Jurnal	Autori
1	Accelerated Aging of Polymeric Composites Based on Waste with TiO2 Fillers	ACS APPLIED POLYMER MATERIALS	Cazan, C; Enesca, A; Isac, L; Andronic, L; Cosnita, M
2	Photo-Oxidation in Three-Phase Flow with Continuous Photosensitizer Recycling	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Kaya-Ozkiper, Kardelen; Mc Carogher, Keiran; Roibu, Anca; Kuhn, Simon
3	Design and Testing of Brushless DC Motor Components of A6 Steel Additively Manufactured by Selective Laser Sintering	AEROSPACE	Zaharia, Sebastian-Marian; Pop, Mihai Alin; Buican, George Razvan; Chicos, Lucia-Antoneta; Stamate, Valentin Marian; Pascariu, Ionut Stelian; Lancea, Camil
4	Predicted range shifts of alien tree species in Europe	AGRICULTURAL AND FOREST METEOROLOGY	Puchalka, Radoslaw; Paz-Dyderska, Sonia; Jagodzinski, Andrzej M.; Sadlo, Jiri; Vitkova, Michaela; Klisz, Marcin; Koniakin, Serhii; Prokopuk, Yulia; Netsvetov, Maksym; Nicolescu, Valeriu-Norocel; Zlatanov, Tzvetan; Mionskowskij, Marcin; Dyderski, Marcin K.
5	Heart disease detection using inertial Mann relaxed CQ algorithms for split feasibility problems	AIMS MATHEMATICS	Suantai, S; Peeyada, P; Fulga, A; Cholanjiak, W
6	A compilation answering 50 questions on Monkeypox virus and the current Monkeypox outbreak	ALLERGY	Cabanillas, B; Murdaca, G; Guemari, A; Torres, MJ; Azkur, AK; Aksoy, E; Vitte, J; de las Vecillas, L; Giovannini, M; Fernandez-Santamaria, R; Castagnoli, R; Orsi, A; Amato, R; Giberti, I; Catala, A; Ambrozej, D; Schaub, B; Tramper-Stranders, GA; Novak, N; Nadeau, KC; Agache, I; Akdis, M; Akdis, CA

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7	Rhinitis associated with asthma is distinct from rhinitis alone: The ARIA-MeDALL hypothesis	ALLERGY	Torres, M. J.; Tsiligianni, I.; Valovirta, E.; Vandenas, O.; Ventura, M. T.; Weiss, S.; Yorgancioglu, A.; Zhang, L.; Latiff, A. H. Abdul; Aberer, W.; Agache, I.; Al-Ahmad, M.; Alobid, I.; Ansotegui, I. J.; Arshad, S. H.; Asayag, E.; Barbara, C.; Baharudin, A.; Battur, L.; Bennoor, K. S.; Berghea, E. C.; Bergmann, K. C.; Bernstein, D.; Bewick, M.; Blain, H.; Bonini, M.; Braido, F.; Buhl, R.;
8	The One Health approach for allergic diseases and asthma	ALLERGY	Jutel, Marek; Mosnaim, Giselle S.; Bernstein, Jonathan A.; del Giacco, Stefano; Khan, David A.; Nadeau, Kari C.; Pali-Schoell, Isabella; Torres, Maria J.; Zemelka-Wiacek, Magdalena; Agache, Ioana
9	Acute and chronic impacts of heat stress on planetary health	ALLERGY	Sampath, Vanitha; Shalakhti, Omar; Veidis, Erika; Efobi, Jo Ann Ifeoma; Shamji, Mohamed H.; Agache, Ioana; Skevaki, Chrysanthi; Renz, Harald; Nadeau, Kari C.
10	EAACI guidelines on environmental science in allergic diseases and asthma - Leveraging artificial intelligence and machine learning to develop a causality model in exposomics	ALLERGY	Shamji, Mohamed H.; Ollert, Markus; Adcock, Ian M.; Bennett, Oscar; Favaro, Alberto; Sarama, Roudin; Riggioni, Carmen; Annesi-Maesano, Isabella; Custovic, Adnan; Fontanella, Sara; Traidl-Hoffmann, Claudia; Nadeau, Kari; Cecchi, Lorenzo; Zemelka-Wiacek, Magdalena; Akdis, Cezmi A.; Jutel, Marek; Agache, Ioana
11	Is exposure to pollen a risk factor for moderate and severe asthma exacerbations?	ALLERGY	Annesi-Maesano, Isabella; Cecchi, Lorenzo; Biagioni, Benedetta; Chung, Kian Fan; Clot, Bernard; Collaud Coen, Martine; Amato, Gennaro D.; Damialis, Athanasios; Dominguez-Ortega, Javier; Galan, Carmen; Gilles, Stefanie; Holgate, Stephen; Jeebhay, Mohamed; Kazadzis, Stelios; Papadopoulos, Nikolaos G.; Quirce, Santiago; Sastre, Joaquin; Tummon, Fiona; Traidl-Hoffmann, Claudia; Walusiak-Skorupa, Jolanta; Alonso-Coello, Pablo; Canelo-Aybar, Carlos; Cantero-Fortiz, Yahveth; Rigau, David; Salazar, Josefina; Verdugo-Paiva, Francisca; Jutel, Marek; Akdis, Cezmi A.; Agache, Ioana

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12	Antioxidative and Antimicrobial Evaluation of Bark Extracts from Common European Trees in Light of Dermal Applications	ANTIBIOTICS-BASEL	Gunnarsdottir, Sissy Haesler; Sommerauer, Lukas; Schnabel, Thomas; Oostingh, Gertie Janneke; Schuster, Anja
13	Relationships between training load and wellbeing measures across a full season: a study of Turkish national youth wrestlers	BIOLOGY OF SPORT	Nobari, Hadi; Badicu, Georgian; Akyildiz, Zeki; Clemente, Filipe Manuel
14	SARS-CoV-2 and Parkinson's Disease: A Review of Where We Are Now	BIOMEDICINES	Boura, Iro; Qamar, Mubasher A.; Daddoveri, Francesco; Leta, Valentina; Poplawska-Domaszewicz, Karolina; Falup-Pecurariu, Cristian; Chaudhuri, K. Ray
15	Association between Inflammation and Thrombotic Pathway Link with Pathogenesis of Depression and Anxiety in SLE Patients	BIOMOLECULES	Duca, Liliana; Roman, Nadinne; Teodorescu, Andreea; Ifteni, Petru
16	Analysis of the magneto-thermoelastic vibrations of rotating Euler-Bernoulli nanobeams using the nonlocal elasticity model	BOUNDARY VALUE PROBLEMS	Abouelregal, Ahmed E. E.; Marin, Marin; Askar, Sameh S. S.
17	Analytical mechanics methods in finite element analysis of multibody elastic system	BOUNDARY VALUE PROBLEMS	Scutaru, Maria Luminita; Vlase, Sorin; Marin, Marin
18	Residential building stock in Serbia: classification and vulnerability for seismic risk studies	BULLETIN OF EARTHQUAKE ENGINEERING	Blagojevic, N; Brzev, S; Petrovic, M; Borozan, J; Bulajic, B; Marinkovic, M; Hadzima-Nyarko, M; Kokovic, V; Stojadinovic, B
19	On evolution of finite energy solutions for a Cosserat thermoelastic body	CARPATHIAN JOURNAL OF MATHEMATICS	Marin, Marin; Vlase, Sorin; Sangeorzan, Livia

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20	On the transfer of convergence between two sequences in Banach spaces	CARPATHIAN JOURNAL OF MATHEMATICS	Marinescu, Dan Stefan; Paltanea, Eugen
21	Derivative analysis of fractional order on reflection of p-waves with electromagnetic, temperature, and initial stress with three-phase-lag	CASE STUDIES IN THERMAL ENGINEERING	Kilany, Araby A.; Dahab, Sayed M. Abo; Marin, Marin; Aiyashi, Mohammed A.; Albalwi, M. Daher
22	Novel ZnO photocatalysts for pollutants' abatement under solar radiation at pilot plant scale	CATALYSIS TODAY	Bogatu, Cristina; Covei, Maria; Polo-Lopez, Maria Inmaculada; Duta, Anca; Malato, Sixto
23	Development of ceramic coatings on titanium alloy substrate by laser cladding with pre-placed natural derived-slurry: Influence of hydroxyapatite ratio and beam power	CERAMICS INTERNATIONAL	Mocanu, Aura-Catalina; Miculescu, Florin; Stan, George E.; Tite, Teddy; Miculescu, Marian; Tierean, Mircea Horia; Pascu, Alexandru; Ciocoiu, Robert-Catalin; Butte, Tudor Mihai; Ciocan, Lucian-Toma
24	On the localization of Hutchinson-Barnsley fractals	CHAOS SOLITONS & FRACTALS	Anghelina, Bogdan-Cristian; Miculescu, Radu
25	Modelling approaches to predict light absorption in gas-liquid flow photosensitized oxidations	CHEMICAL ENGINEERING JOURNAL	Roibu, Anca; Mc Carogher, Keiran; Morthala, Rishi Bharadwaj; Eyckens, Roy; Kuhn, Simon
26	Wormhole solutions in f (R,Lm) gravity	CHINESE JOURNAL OF PHYSICS	Solanki, Raja; Hassan, Zinnat; Sahoo, P. K.
27	Comparison of evidence of treatment effects in randomized and nonrandomized studies on allergen immunotherapy	CLINICAL AND EXPERIMENTAL ALLERGY	Di Bona, D; Carlucci, P; Spataro, F; Paoletti, G; Heffler, E; Pulkanen, J; Macchia, L; Del Giacco, S; Agache, I; Jutel, M; Schunemann, H; Canonica, GW

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28	Shortest path interdiction problem with convex piecewise-linear costs	COMPUTATIONAL & APPLIED MATHEMATICS	Tayyebi, Javad; Deaconu, Adrian M.; Bigdeli, Hamid; Niksirat, Malihe
29	Accuracy of a Smartphone-based freeware solution and two shape reconstruction algorithms in log volume measurements	COMPUTERS AND ELECTRONICS IN AGRICULTURE	Nita, Mihai Daniel; Borz, Stelian Alexandru
30	Always connected @ work. Technostress and well-being with academics	COMPUTERS IN HUMAN BEHAVIOR	Truta, Camelia; Maican, Catalin Ioan; Cazan, Ana-Maria; Lixandriou, Radu Constantin; Dovleac, Lavinia; Maican, Maria Anca
31	Factors determining the use of e-learning and teaching satisfaction	COMUNICAR	Cazan, Ana-Maria; Maican, Catalin-Ioan
32	Fixed-point results for convex orbital operators	DEMONSTRATIO MATHEMATICA	Popescu, Ovidiu
33	The structure of fuzzy fractals generated by an orbital fuzzy iterated function system	DEMONSTRATIO MATHEMATICA	Savu, I; Miculescu, R; Mihail, A
34	Evaluating the ecological security of ecotourism in protected area based on the DPSIR model	ECOLOGICAL INDICATORS	Sobhani, Parvaneh; Esmailzadeh, Hassan; Wolf, Isabelle D.; Deljouei, Azade; Marcu, Marina Viorela; Sadeghi, Seyed Mohammad Moein
35	Assessing water security and footprint in hypersaline Lake Urmia	ECOLOGICAL INDICATORS	Sobhani, Parvaneh; Esmailzadeh, Hassan; Deljouei, Azade; Wolf, Isabelle D.; Marcu, Marina Viorela; Sadeghi, Seyed Mohammad Moein
36	Getting users out of the loop: Key factors to surpass the messy middle point	ELECTRONIC COMMERCE RESEARCH AND APPLICATIONS	Nichifor, E; Bratucu, G; Chitu, IB; Tiorean, OM; Litra, AV; Zamfirache, A; Vuta, DR

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37	Using the snake optimization metaheuristic algorithms to extract the photovoltaic cells parameters	ENERGY CONVERSION AND MANAGEMENT	Belabbes, Fatima; Cotfas, Daniel T.; Cotfas, Petru A.; Medles, Mourad
38	Assessment of the correlation between the nutrient load from migratory bird excrement and water quality by principal component analysis in a freshwater habitat	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	Toth, Piroska; Tarcsay, Balint Levente; Kovacs, Zsofia; Ionescu, Dan Traian; Nemeth, Sandor; Domokos, Endre
39	Aging resistance under short time ultraviolet (UV) radiations of polymer wood composites entirely based on wastes	ENVIRONMENTAL TECHNOLOGY & INNOVATION	Cosnita, Mihaela; Cazan, Cristina; Pop, Mihai Alin; Cristea, Daniel
40	Gastrointestinal barriers to levodopa transport and absorption in Parkinson's disease	EUROPEAN JOURNAL OF NEUROLOGY	Leta, Valentina; Klingelhofer, Lisa; Longardner, Katherine; Campagnolo, Marta; Levent, Hafize Cotur; Aureli, Federico; Metta, Vinod; Bhidayasiri, Roongroj; Chung-Faye, Guy; Falup-Pecurariu, Cristian; Stocchi, Fabrizio; Jenner, Peter; Warnecke, Tobias; Chaudhuri, K. Ray
41	Impact of the COVID-19 pandemic on clinical autonomic practice in Europe: a survey of the European Academy of Neurology and the European Federation of Autonomic Societies	EUROPEAN JOURNAL OF NEUROLOGY	Fanciulli, A; Leys, F; Skoric, MK; Carneiro, DR; Calandra-Buonaura, G; Camaradou, J; Chiaro, G; Cortelli, P; Falup-Pecurariu, C; Granata, R; Guaraldi, P; Helbok, R; Hiltz, MJ; Iodice, V; Jordan, J; Kaal, ECA; Kamondi, A; Le Traon, AP; Rocha, I; Sellner, J; Senard, JM; Terkelsen, A; Wenning, GK; Moro, E; Berger, T; Thijs, RD; Struhal, W; Habek, M
42	Correction to Lagrangian for bouncing cosmologies in $f(Q)$ gravity	EUROPEAN PHYSICAL JOURNAL C	Gadbail, Gaurav N.; Kolhatkar, Ameya; Mandal, Sanjay; Sahoo, P. K.
43	Physical characteristics and maximum allowable mass of hybrid star in the context of $f(Q)$ gravity	EUROPEAN PHYSICAL JOURNAL C	Bhar, Piyali; Pradhan, Sneha; Malik, Adnan; Sahoo, P. K.

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44	Running vacuum in QFT in FLRW spacetime: the dynamics of $\rho(\text{vac})(H)$ from the quantized matter fields	EUROPEAN PHYSICAL JOURNAL C	Moreno-Pulido, Cristian; Peracaula, Joan Sola; Cheraghchi, Samira
45	Measurement of the nuclear modification factor of b-jets in 5.02 TeV Pb+Pb collisions with the ATLAS detector	EUROPEAN PHYSICAL JOURNAL C	Aad, G.; Abbott, B.; Abbott, D. C.; Fiolhais, M. C. N.; Fiorini, L.; Fischer, F.; Fisher, W. C.; Fitschen, T.; Held, A.; Hellesund, S.; Helling, C. M.; Hellman, S.; Hensens, C.; Henderson, R. C. W.; Polychronakos, V.; Ponomarenko, D.; Pontecorvo, L.; <b>Popa, S.</b> ; Sadrozinski, H. F-W.; Safai Tehrani, F.; Safarzadeh Samani, B.; Safdari, M. et al.
46	Search for resonant WZ production in the fully leptonic final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	EUROPEAN PHYSICAL JOURNAL C	Aad, G.; Errenst, M.; Escalier, M.; Escobar, C.; Ponomarenko, D.; Pontecorvo, L.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P.; Potamianos, K.; Potrap, I. N.; Potter, C. J.; Potti, H.; Poulsen, T.; Poveda, J et al.
47	ATLAS flavour-tagging algorithms for the LHC Run 2 pp collision dataset	EUROPEAN PHYSICAL JOURNAL C	Aad, G.; Pontecorvo, L.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postill, M. A.; Postolache, P. et al.
48	Observation of four-top-quark production in the multilepton final state with the ATLAS detector	EUROPEAN PHYSICAL JOURNAL C	Aad, G.; Polini, A.; Pollard, C. S.; Polychronakos, V.; Ponomarenko, D.; Pontecorvo, L.; <b>Popa, S.</b> ; Popeneciu, G. A. et al.
49	Smart cities from low cost to expensive solutions under an optimal analysis	FINANCIAL INNOVATION	Ionescu, Romeo-Victor; Zlati, Monica Laura; Antohi, Valentin-Marian
50	Wildfire Risk Zone Mapping in Contrasting Climatic Conditions: An Approach Employing AHP and F-AHP Models	FIRE-SWITZERLAND	Sinha, Aishwarya; Nikhil, Suresh; Ajin, Rajendran Shobha; Danumah, Jean Homian; Saha, Sunil; Costache, Romulus; Rajaneesh, Ambujendran; Sajinkumar, Kochappi Sathyan; Amrutha, Kolangad; Johny, Alfred; Marzook, Fahad; Mammen, Pratheesh Chacko; Abdelrahman, Kamal; Fnais, Mohammed S.; Abioui, Mohamed

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51	Synchronised disturbances in spruce- and beech-dominated forests across the largest primary mountain forest landscape in temperate Europe	FOREST ECOLOGY AND MANAGEMENT	Kameniar, Ondrej; Vostarek, Ondrej; Mikolas, Martin; Svitok, Marek; Frankovic, Michal; Morrissey, Robert C.; Kozak, Daniel; Nagel, Thomas A.; Dusatko, Martin; Pavlin, Jakob; Ferencik, Matej; Keeton, William S.; Spinu, Andreea Petronela; Petritan, Ion Catalin; Majdanova, Linda; Markuljakova, Katarina; Roibu, Catalin-Constantin; Gloor, Rhiannon; Bace, Radek; Buechling, Arne; Synek, Michal; Rydval, Milos; Malek, Jakub; Begovic, Kresimir; Hofmeister, Jenyk; Rodrigo, Ruffy; Pettit, Joseph L.; Fodor, Ecaterina; Janda, Pavel; Svoboda, Miroslav
52	Deadwood density, C stocks and their controlling factors in a beech-silver fir mixed virgin European forest	FOREST ECOLOGY AND MANAGEMENT	Petritan, IC; Mihaila, VV; Yuste, JC; Bouriaud, O; Petritan, AM
53	Growth and Mortality of Hybrid Poplar Short Rotation Culture (AF8 Clone) in Response to <i>Clostera anastomosis</i> L. (Lepidoptera: Notodontidae) Defoliation	FORESTS	Lupastean, Daniela; Isaia, Gabriela; Danila, Iulian-Constantin; Cosofret, Cosmin; Scriban, Ramona Elena; Duduman, Mihai-Leonard
54	Genetic Diversity and Population Structure of Scots Pine ( <i>Pinus sylvestris</i> L.) in Middle Siberia	FORESTS	Sheller, Marina; Toth, Endre Gyorgy; Ciocirlan, Elena; Mikhaylov, Pavel; Kulakov, Sergey; Kulakova, Nadezhda; Melnichenko, Natalia; Ibe, Aleksey; Sukhikh, Tatyana; Curtu, Alexandru Lucian
55	Diversity of Beetles Captured in Pitfall Traps in the Sinca Old-Growth Forest, Brasov County, Romania: Forest Reserve versus Managed Forest	FORESTS	Isaia, Gabriela; Dragomir, Ionut-Marian; Duduman, Mihai-Leonard
56	Variation of Cones Production in a Silver Fir ( <i>Abies alba</i> Mill.) Clonal Seed Orchard	FORESTS	Teodosiu, Maria; Botezatu, Anca; Ciocirlan, Elena; Mihai, Georgeta
57	Wood Colour Variations of <i>Quercus</i> Species in Romania	FORESTS	Halalisan, Aureliu-Florin; Dinulica, Florin; Gurean, Dan Marian; Codrean, Codrin; Neykov, Nikolay; Antov, Petar; Bardarov, Nikolai



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58	Physical and Acoustical Properties of Wavy Grain Sycamore Maple ( <i>Acer pseudoplatanus</i> L.) Used for Musical Instruments	FORESTS	Dinulica, Florin; Savin, Adriana; Stanciu, Mariana Domnica
59	Coppice Management for Young Sycamore Maple ( <i>Acer pseudoplatanus</i> L.)	FORESTS	Strimbu, Bogdan M.; Nicolescu, Valeriu-Norocel
60	Relation between Topography and Gap Characteristics in a Mixed Sessile Oak-Beech Old-Growth Forest	FORESTS	Tudose, Nicu Constantin; Petritan, Ion Catalin; Toiu, Florin Lucian; Petritan, Any-Mary; Marin, Mirabela
61	Performance of Skidding Operations in Low-Access and Low-Intensity Timber Removals: A Simulation of Productivity and Fuel Consumption in Mature Forests	FORESTS	Borz, Stelian Alexandru; Maris, Alexandru-Constantin; Kaakkurivaara, Nopparat
62	Multi-Trait Selection and Stability in Norway Spruce ( <i>Picea abies</i> ) Provenance Trials in Romania	FORESTS	Alexandru, Alin-Madalin; Mihai, Georgeta; Stoica, Emanuel; Curtu, Alexandru Lucian
63	Assessment of Physical and Mechanical Properties Considering the Stem Height and Cross-Section of <i>Paulownia tomentosa</i> (Thunb.) Steud. x <i>elongata</i> (SYHu) Wood	FORESTS	Barbu, Marius Catalin; Tudor, Eugenia Mariana; Buresova, Katharina; Petutschnigg, Alexander
64	Bucking at Landing by a Single-Grip Harvester: Fuel Consumption, Productivity, Cost and Recovery Rate	FORESTS	Borz, Stelian Alexandru; Secelean, Vlad-Nicolae; Iacob, Liviu-Mihai; Kaakkurivaara, Nopparat
65	Predicting Distribution and Range Dynamics of Three Threatened	FORESTS	Chandra, Naveen; Singh, Gajendra; Rai, Ishwari Datt; Mishra, Arun Pratap; Kazmi, Mohd. Yahya; Pandey, Arvind; Jalal, Jeewan Singh; Costache, Romulus; Almohamad, Hussein; Al-Mutiry, Motrih; Abdo, Hazem Ghassan

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	Cypripedium Species under Climate Change Scenario in Western Himalaya		
66	Manufacturing and Testing the Panels with a Transverse Texture Obtained from Branches of Norway Spruce ( <i>Picea abies</i> L. Karst.)	FORESTS	Olarescu, Alin M.; Lunguleasa, Aurel; Radulescu, Loredana; Spirchez, Cosmin
67	Short-Term Effects of Anthropogenic Disturbances on Stand Structure, Soil Properties, and Vegetation Diversity in a Former Virgin Mixed Forest	FORESTS	Braga, Cosmin Ion; Crisan, Vlad Emil; Petritan, Ion Catalin; Scarlatescu, Virgil; Vasile, Diana; Lazar, Gabriel; Petritan, Any Mary
68	Health and Growth of Black Pine outside Its Natural Distribution Range in the Romanian Carpathians	FORESTS	Tudoran, GM; Cicsa, A; Dobre, AC; Cicsa, M; Pascu, IS; Leca, S
69	Some Properties of Briquettes and Pellets Obtained from the Biomass of Energetic Willow ( <i>Salix viminalis</i> L.) in Comparison with Those from Oak ( <i>Quercus robur</i> )	FORESTS	Dragusanu (Japalela), Veronica; Lunguleasa, Aurel; Spirchez, Cosmin; Scriba, Cezar
70	Critical Analysis of Payments for Ecosystem Services: Case Studies in Kenya, Uganda and Tanzania	FORESTS	Osewe, Ibrahim; Halalisan, Aureliu-Florin; Talpa, Nicolae; Popa, Bogdan
71	European Beech Log Sawing Using the Small-Capacity Band Saw: A Case Study on Time Consumption, Productivity and Recovery Rate	FORESTS	Campu, Razvan V.; Derczeni, Rudolf A.
72	Forest Road Subgrade Improvement by Lime and Sodium Nanoalginate Used as Stabilizers for Clay Soils	FORESTS	Mousavi, Fatemeh; Abdi, Ehsan; Borz, Stelian Alexandru

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73	Genetic Characterisation and Core Collection Construction of European Larch ( <i>Larix decidua</i> Mill.) from Seed Orchards in Romania	FORESTS	Teodosiu, Maria; Mihai, Georgeta; Ciocirlan, Elena; Curtu, Alexandru Lucian
74	A Multi-Spectral Fractal Image Model and Its Associated Fractal Dimension Estimator	FRACTAL AND FRACTIONAL	Ivanovici, Mihai
75	PROFASA-a web-based protein fragment and structure analysis workstation	FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY	Mi, Yanlin; Marcu, Stefan-Bogdan; Tabirca, Sabin; Yallapragada, Venkata V. B.
76	Genetic legacy of southern Middle Siberian mountain and foothill populations of Scots pine ( <i>Pinus sylvestris</i> L.): Diversity and differentiation	FRONTIERS IN FORESTS AND GLOBAL CHANGE	Sheller, Marina; Toth, Endre Gyorgy; Ciocirlan, Elena; Mikhaylov, Pavel; Tatarintsev, Andrey; Kulakov, Sergey; Kulakova, Nadezhda; Melnichenko, Natalia; Ibe, Aleksey; Sukhikh, Tatyana; Curtu, Alexandru Lucian
77	Accuracy and inter-cloud precision of low-cost mobile LiDAR technology in estimating soil disturbance in forest operations	FRONTIERS IN FORESTS AND GLOBAL CHANGE	Forkuo, Gabriel Osei; Borz, Stelian Alexandru
78	White matter changes in fetal brains with ventriculomegaly	FRONTIERS IN NEUROANATOMY	Horgos, Bianca; Mecea, Miruna; Boer, Armand; Buruiana, Andrei; Ciortea, Razvan; Mihu, Carmen-Mihaela; Florian, Ioan Stefan; Florian, Alexandru Ioan; Stamatian, Florin; Szabo, Bianca; Albu, Camelia; Susman, Sergiu; Pascalau, Raluca
79	Exploring obesity, physical activity, and digital game addiction levels among adolescents: A study on machine learning-based prediction of digital game addiction	FRONTIERS IN PSYCHOLOGY	Gulu, Mehmet; Yagin, Fatma Hilal; Gocer, Ishak; Yapici, Hakan; Ayyildiz, Erdem; Clemente, Filipe Manuel; Ardigo, Luca Paolo; Zadeh, Ali Khosravi; Prieto-Gonzalez, Pablo; Nobari, Hadi

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80	The role of chess in the development of children-parents' perspectives	FRONTIERS PSYCHOLOGY	IN Nanu, Costica Ciprian; Coman, Claudiu; Bularca, Maria Cristina; Mesesan-Schmitz, Luiza; Gotea, Mihaela; Atudorei, Ioana; Turcu, Ioan; Negrila, Ion
81	Well-being and internal resources during the COVID-19 pandemic in relation to meaning in life and existential anxiety	FRONTIERS PSYCHOLOGY	IN David, Laura Teodora; Truta, Camelia
82	The emotional intelligence of today's parents - influences on parenting style and parental competence	FRONTIERS PUBLIC HEALTH	IN Sitoiu, Andreea; Panisoara, Georgeta
83	Multivariate statistical algorithms for landslide susceptibility assessment in Kailash Sacred landscape, Western Himalaya	GEOMATICS NATURAL HAZARDS & RISK	Pandey, Arvind; Shekhar Sarkar, Mriganka; Palni, Sarita; Parashar, Deepanshu; Singh, Gajendra; Kaushik, Saurabh; Chandra, Naveen; Costache, Romulus; Pratap Singh, Ajit; Pratap Mishra, Arun; Almohamad, Hussein; Al-Mutiry, Motrih; Abdo, Hazem Ghassan
84	Topography modulates climate sensitivity of multidecadal trends of holm oak decline	GLOBAL CHANGE BIOLOGY	Lopez-Ballesteros, Ana; Rodriguez-Caballero, Emilio; Moreno, Gerardo; Escribano, Paula; Heres, Ana-Maria; Yuste, Jorge Curiel
85	The role of wind energy towards sustainable development in top-16 wind energy consumer countries: Evidence from STIRPAT model	GONDWANA RESEARCH	Yasmeen, R; Zhang, XH; Sharif, A; Shah, WUH; Dinca, MS
86	Comparative investigation of chemical and structural properties of charred fir wood samples by Raman and FTIR spectroscopy as well as X-ray-micro-CT technology	HOLZFORSCHUNG	Ebner, David H.; Tortora, Mariagrazia; Bedolla, Diana E.; Saccomano, Giulia; Vaccari, Lisa; Barbu, Marius-Catalin; Grzybek, Jakub; Schnabel, Thomas
87	The impact of e-service quality on word of mouth: A higher education context	INTERNATIONAL JOURNAL OF MANAGEMENT EDUCATION	Zeqiri, Jusuf; Dania, Todor Raluca; Adriana, Lupsa-Tataru Dana; Gagica, Kumrije; Gleason, Kimberly

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88	Validation of the Collaborative Outcomes study on Health and Functioning during Infection Times (COH-FIT) questionnaire for adults	JOURNAL OF AFFECTIVE DISORDERS	Solmi, Marco; Kurokawa, Shunya; Tazawa, Yuki; Anselmi, Alejandro; Cracco, Cecilia; Ines Machado, Ana; Estrade, Natalia; Alexinschi, Ovidiu; Ifteni, Petru; Turliuc, Serban et al.
89	Multidimensional endotyping using nasal proteomics predicts molecular phenotypes in the asthmatic	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	Agache, Ioana; Shamji, Mohamed H.; Kermani, Nazanin Zounemat; Vecchi, Giulia; Favaro, Alberto; Layhadi, Janice A.; Heider, Anja; Akbas, Didem Sanver; Filipaviciute, Paulina; Wu, Lily Y. D.; Cojanu, Catalina; Laculiceanu, Alexandru; Akdis, Cezmi A.; Adcock, Ian M.
90	Douglas-fir ( <i>Pseudotsuga menziesii</i> (Mirb.) Franco) in Europe: an overview of management practices	JOURNAL OF FORESTRY RESEARCH	Nicolescu, Valeriu-Norocel; Mason, William L.; Bastien, Jean-Charles; Vor, Torsten; Petkova, Krasimira; Podrazsky, Vilem; Dodan, Martina; Peric, Sanja; La Porta, Nicola; Brus, Robert; Andrasev, Sinisa; Slavik, Martin; Modransky, Juraj; Pastor, Michal; Redei, Karoly; Cvjetkovic, Branislav; Sivacioglu, Ahmet; Lavnyy, Vasyil; Buzatu-Goanta, Cornelia; Mihailescu, Gheorghe
91	Discussions on Proinov-C-b-Contraction Mapping on b-Metric Space	JOURNAL OF FUNCTION SPACES	Karapinar, E; Fulga, A
92	Search for pair-produced scalar and vector leptoquarks decaying into third-generation quarks and first- or second-generation leptons in pp collisions with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
93	Search for long-lived, massive particles in events with displaced vertices and multiple jets in pp collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Chatterjee, M.; Fiolhais, M. C. N.; Gonzalvo Rodriguez, G. R.; Hong, Y.; Nishu, N.; Poggioli, L.; Popa, S.; Shope, D. R.; Shrestha, S. et al.

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94	Search for direct pair production of sleptons and charginos decaying to two leptons and neutralinos with mass splittings near the W-boson mass in root s=13 TeV pp collisions with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
95	Search for heavy, long-lived, charged particles with large ionisation energy loss in pp collisions at root s=13 TeV using the ATLAS experiment and the full Run 2 dataset	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
96	Measurement of single top-quark production in the s-channel in proton-proton collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Chatterjee, M.; Fiolhais, M. C. N.; Gonzalvo Rodriguez, G. R.; Hong, Y.; Nishu, N.; Poggioli, L.; Popa, S.; Shope, D. R.; Shrestha, S. et al.
97	Measurement of electroweak $Z(\nu\bar{\nu})\gamma jj$ production and limits on anomalous quartic gauge couplings in pp collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
98	Search for flavour-changing neutral current interactions of the top quark and the Higgs boson in events with a pair of tau-leptons in pp collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.

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99	Measurement of the total and differential Higgs boson production cross-sections at root $s=13$ TeV with the ATLAS detector by combining the $H \rightarrow ZZ^{(*)} \rightarrow 4l$ and $H \rightarrow \gamma\gamma$ decay channels	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Chatterjee, M.; Fiolhais, M. C. N.; Gonzalvo Rodriguez, G. R.; Hong, Y.; Nishu, N.; Poggioli, L.; Popa, S.; Shope, D. R.; Shrestha, S. et al.
100	Cross-section measurements for the production of a Z boson in association with high-transverse-momentum jets in pp collisions at root $s=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
101	Search for light long-lived neutral particles that decay to collimated pairs of leptons or light hadrons in pp collisions at root $s=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
102	Search for excited tau-leptons and leptoquarks in the final state with tau-leptons and jets in pp collisions at root $s=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
103	Differential $t(\bar{t})$ cross-section measurements using boosted top quarks in the all-hadronic final state with 139 fb <sup>-1</sup> of ATLAS data	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Bandyopadhyay, A.; Brener, R.; Brenner, L.; Dinu, I-M.; Gabrielli, A.; Gutierrez, P.; Maximov, D. A.; Nakahama, Y.; Pater, J. R.; Popa, S.; Tehrani, F. et al.
104	Measurement of the $t(\bar{t})$ production cross-section in pp collisions at root $s=5.02$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.

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105	Search for heavy resonances decaying into a Z or W boson and a Higgs boson in final states with leptons and b-jets in 139 fb(-1) of pp collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
106	Measurement of the top-quark mass using a leptonic invariant mass in pp collisions at root s=13 TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
107	Search for dark matter produced in association with a dark Higgs boson decaying into W+W- in the one-lepton final state at sqrt(s)=13 TeV using 139 fb-1 of pp collisions recorded with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Chatterjee, M.; Fiolhais, M. C. N.; Gonzalvo Rodriguez, G. R.; Hong, Y.; Nishu, N.; Poggioli, L.; Popa, S.; Shope, D. R.; Shrestha, S. et al.
108	Search for a new Z' gauge boson in 4μ events with the ATLAS experiment	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
109	Inclusive and differential cross-sections for dilepton t(t)over-bar production measured in sqrt(s)=13 TeV pp collisions with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
110	Search for resonant and non-resonant Higgs boson pair production in the bbτ+τ- decay channel using 13TeV pp collision data from the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Bandyopadhyay, A.; Brener, R.; Brenner, L.; Dinu, I-M.; Gabrielli, A.; Gutierrez, P.; Maximov, D. A.; Nakahama, Y.; Pater, J. R.; Popa, S.; Tehrani, F. et al.



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111	Search for a new scalar resonance in flavour-changing neutral-current top-quark decays $t \rightarrow qX$ ( $q = u, c$ ), with $X \rightarrow b(\bar{b})$ , in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
112	Search for new phenomena in final states with photons, jets and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
113	Search for new phenomena in multi-body invariant masses in events with at least one isolated lepton and two jets using $\sqrt{s}=13$ TeV proton-proton collision data collected by the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
114	Searches for lepton-flavour-violating decays of the Higgs boson into $e\tau$ and $\mu\tau$ in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Chatterjee, M.; Fiolhais, M. C. N.; Gonzalvo Rodriguez, G. R.; Hong, Y.; Nishu, N.; Poggioli, L.; Popa, S.; Shope, D. R.; Shrestha, S. et al.
115	Search for dark photons from Higgs boson decays via ZH production with a photon plus missing transverse momentum signature from pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
116	A search for heavy Higgs bosons decaying into vector bosons in same-sign two-lepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.

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117	Search for third-generation vector-like leptons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
118	Search for $t(\bar{t})/H/A \rightarrow t(\bar{t})/b(\bar{b})$ production in the multilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
119	Search for boosted diphoton resonances in the 10 to 70 GeV mass range using 138 fb <sup>-1</sup> of 13TeV pp collisions with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
120	Search for high-mass $W\gamma$ and $Z\gamma$ resonances using hadronic $W/Z$ boson decays from 139 fb <sup>-1</sup> of pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Bandyopadhyay, A.; Brener, R.; Brenner, L.; Dinu, I-M.; Gabrielli, A.; Gutierrez, P.; Maximov, D. A.; Nakahama, Y.; Pater, J. R.; Popa, S.; Tehrani, F. et al.
121	Measurements of $Z\gamma$ plus jets differential cross sections in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
122	Measurement of the properties of Higgs boson production at $\sqrt{s}=13$ TeV in the $H \rightarrow \gamma\gamma$ channel using 139 fb <sup>-1</sup> of pp collision data with the ATLAS experiment	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
123	Model-independent search for the presence of new physics in events including $H \rightarrow \gamma\gamma$ with $\sqrt{s}=13$ TeV pp data recorded by the ATLAS detector at the LHC	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.

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124	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at $\sqrt{s}=13$ TeV with the ATLAS detector	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
125	Inclusive-photon production and its dependence on photon isolation in pp collisions at $\sqrt{s}=13$ TeV using 139 fb <sup>-1</sup> of ATLAS data	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
126	Search for leptonic charge asymmetry in $t(\bar{t})$ production in final states with three leptons at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS	Aad, G.; Freund, W. S.; Passaggio, S.; Popa, S.; Popeneciu, G. A.; Sander, C. O. et al.
127	IMPROVEMENTS OF THE WEIGHTED HERMITE-HADAMARD INEQUALITY AND APPLICATIONS TO MEAN INEQUALITY	JOURNAL OF MATHEMATICAL INEQUALITIES	Furuichi, Shigeru; Minculete, Nicusor; Moradi, Hamid Reza
128	Surface tension of Ag NPs-rGO based hybrid nanofluids	JOURNAL OF MOLECULAR LIQUIDS	Huminic, Gabriela; Huminic, Angel; Vardaru, Alexandru; Fleaca, Claudiu; Dumitrache, Florian; Morjan, Ion
129	Characterization of plywood made from heat-treated rubberwood veneers bonded with melamine urea formaldehyde resin	JOURNAL OF WOOD SCIENCE	Chotikhun, Aujchariya; Kittijaruwattana, Jitralada; Lee, Seng Hua; Salca, Emilia-Adela; Arsyad, Wa Ode Muliastuty; Hadi, Yusuf Sudo; Neimsuwan, Trairat; Hizirolu, Salim
130	Development and validation of an electronic daily control score for asthma (e-DASTHMA): a real-world direct patient data study	LANCET DIGITAL HEALTH	Sousa-Pinto, Bernardo; Jacome, Cristina; Pereira, Ana Margarida; Larenas-Linnemann, Desiree; Louis, Renaud; Niedoszytko, Marek; Nhan Pham-Thi; Puggioni, Francesca; Romantowski, Jan; Vieira, Rafael Jose; <b>Agache, Ioana</b> ; Bedbrook, Anna; Bergmann, Karl C.; Amaral, Rita; Azevedo, Luls Filipe; Bosnic-Anticevich, Sinthia; Brusselle, Guy; Buhl, Roland; Cecchi, Lorenzo et al.

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131	Global assessment of FSC forest management certification auditing through analysis of accreditation reports	LAND USE POLICY	Halalisan, F; Romero, C; Popa, B; Landin, GA; Talpa, N; Abrudan, IV
132	Pollution trends and ecological risks of heavy metal(loid)s in coastal zones of Bangladesh: A chemometric review	MARINE POLLUTION BULLETIN	Jannat, JN; Mia, MY; Jion, MMM; Islam, MS; Ali, MM; Siddique, MA; Rakib, MRJ; Ibrahim, SM; Pal, SC; Costache, R; Malafaia, G; Islam, AMT
133	Stability and controllability of nonautonomous neutral system with two delays	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	Shah, Khadija Ali; Zada, Akbar; Popa, Ioan-Lucian; Ben Moussa, Sana
134	On Coefficient Estimates for a Certain Class of Analytic Functions	MATHEMATICS	Raducanu, Dorina
135	Black Widow Optimization Algorithm Used to Extract the Parameters of Photovoltaic Cells and Panels	MATHEMATICS	Madhiarasan, Manoharan; Cotfas, Daniel T.; Cotfas, Petru A.
136	Modern Dimensional Analysis-Based Heat Transfer Analysis: Normalized Heat Transfer Curves	MATHEMATICS	Szava, Ioan; Vlase, Sorin; Szava, Ildiko-Renata; Turzo, Gabor; Munteanu, Violeta Mihaela; Galatanu, Teofil; Asztalos, Zsolt; Galfi, Botond-Pal
137	A New Seminorm for d-Tuples of A-Bounded Operators and Their Applications	MATHEMATICS	Altwaijry, Najla; Feki, Kais; Minculete, Nicusor
138	On Horadam Sequences with Dense Orbits and Pseudo-Random Number Generators	MATHEMATICS	Bagdasar, Ovidiu; Chen, Minsi; Dragan, Vasile; Ivanov, Ivan Ganchev; Popa, Ioan-Lucian
139	An Investigation into Thermal Vibrations Caused by a Moving Heat Supply on a Spinning Functionally Graded Isotropic Piezoelectric Bounded Rod	MATHEMATICS	Abouelregal, Ahmed E.; Marin, Marin; Abusalim, Sahar M.

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140	A Posteriori Error Estimators for the Quasi-Newtonian Stokes Problem with a General Boundary Condition	MATHEMATICS	El Moutea, Omar; El Ouadefli, Lahcen; El Akkad, Abdeslam; Nakbi, Nadia; Elkhalfi, Ahmed; Scutaru, Maria Luminita; Vlase, Sorin
141	An Axially Compressed Moving Nanobeam Based on the Nonlocal Couple Stress Theory and the Thermoelastic DPL Model	MATHEMATICS	Abouelregal, AE; Askar, SS; Marin, M
142	Mixed Isogeometric Analysis of the Brinkman Equation	MATHEMATICS	El Ouadefli, Lahcen; El Moutea, Omar; El Akkad, Abdeslam; Elkhalfi, Ahmed; Vlase, Sorin; Scutaru, Maria Luminita
143	Generalized Iterated Function Systems on b-Metric Spaces	MATHEMATICS	Abraham, Izabella; Miculescu, Radu
144	Flow of Newtonian Incompressible Fluids in Square Media: Isogeometric vs. Standard Finite Element Method	MATHEMATICS	Scutaru, Maria Luminita; Guendaoui, Sohaib; Koubaiti, Ouadie; El Ouadefli, Lahcen; El Akkad, Abdeslam; Elkhalfi, Ahmed; Vlase, Sorin
145	Two-Dimensional Equivalent Models in the Analysis of a Multibody Elastic System Using the Finite Element Analysis	MATHEMATICS	Scutaru, Maria Luminita; Vlase, Sorin
146	AI and Blockchain-Assisted Secure Data-Exchange Framework for Smart Home Systems	MATHEMATICS	Shah, Khush; Jadav, Nilesh Kumar; Tanwar, Sudeep; Singh, Anupam; Plescan, Costel; Alqahtani, Fayez; Tolba, Amr
147	Measuring forest height from space. Opportunities and limitations observed in natural forests	MEASUREMENT	Baban, Gabriela; Nita, Mihai Daniel

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148	Levodopa Dose Equivalency in Parkinson's Disease: Updated Systematic Review and Proposals	MOVEMENT DISORDERS	Jost, Stefanie; Kaldenbach, Marie-Ann; Antonini, Angelo; Martinez-Martin, Pablo; Timmermann, Lars; Odin, Per; Katzenschlager, Regina; Borgohain, Rupam; Fasano, Alfonso; Stocchi, Fabrizio; Hattori, Nobutaka; Kukkle, Prashanth Lingappa; Rodriguez-Violante, Mayela; Falup-Pecurariu, Cristian; Schade, Sebastian; Petry-Schmelzer, Jan Niklas; Metta, Vinod; Weintraub, Daniel; Deuschl, Guenther J.; Espay, Alberto J.; Tan, Eng-King; Bhidayasiri, Roongroj; Fung, Victor S. C.; Cardoso, Francisco; Trenkwalder, Claudia; Jenner, Peter; Ray Chaudhuri, K. S.; Dafsari, Haidar
149	Observation of electroweak production of two jets and a Z-boson pair	NATURE PHYSICS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
150	Global Impact of the COVID-19 Pandemic on Stroke Volumes and Cerebrovascular Events A 1-Year Follow-up	NEUROLOGY	Nguyen, Thanh N.; Imamura, Hirotohi; Sakai, Nobuyuki; Kanamaru, Takuya; Kimura, Naoto; Kono, Ryuhei; Miyake, Kosuke; Sakaguchi, Manabu; Sakai, Kenichiro; Sonoda, Kazutaka; Todo, Kenichi; Miyashita, Fumio; Dimitriade, Adela; Falup-Pecurariu, Cristian; Zaidat, Osama O.; Nogueira, Raul G et al.
151	The slope-of-a-mountain problem in a cross gravitational wind	NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS	Aldea, Nicoleta; Kopacz, Piotr
152	Time geodesics on a slippery slope under gravitational wind	NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS	Aldea, Nicoleta; Kopacz, Piotr
153	Coenzyme Q10 Supplementation in Athletes: A Systematic Review	NUTRIENTS	Fernandes, Matheus Santos de Sousa; Fidelis, Debora Eduarda da Silvia; Aidar, Felipe J.; Badicu, Georgian; Greco, Gianpiero; Cataldi, Stefania; Santos, Gabriela Carvalho Jurema; de Souza, Raphael Frabricio; Ardigo, Luca Paolo

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154	Food allergy-A holistic approach to dietary management. A joint EAACI Research & amp; Outreach Committee and INDANA review	PEDIATRIC ALLERGY AND IMMUNOLOGY	Skypala, Isabel J.; Reese, Imke; Durban, Raquel; Hunter, Hannah; Podesta, Marcia; Chaddad, Maria Cecilia Cury; Santos, Alexandra F.; Agache, Ioana
155	Spontaneous scalarization of black holes in Gauss-Bonnet teleparallel gravity	PHYSICAL REVIEW D	Bahamonde, S; Doneva, DD; Ducobu, L; Pfeifer, C; Yazadjiev, SS
156	Search for displaced photons produced in exotic decays of the Higgs boson using 13 TeV pp collisions with the ATLAS detector	PHYSICAL REVIEW D	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
157	Search in diphoton and dielectron final states for displaced production of Higgs or Z bosons with the ATLAS detector in p s=13 TeV pp collisions	PHYSICAL REVIEW D	Aad, G.; Ayoub, M. K.; <b>Popa, S.</b> ; Popeneciu, G. A.; Portillo Quintero, D. M.; Pospisil, S.; Postolache, P. et al.
158	Measurement of the production of a W boson in association with a charmed hadron in pp collisions at p s=13 TeV with the ATLAS detector	PHYSICAL REVIEW D	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
159	Search for Heavy Neutral Leptons in Decays of W Bosons Using a Dilepton Displaced Vertex in p s=13 TeV pp Collisions with the ATLAS Detector	PHYSICAL REVIEW LETTERS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
160	Strong Constraints on Jet Quenching in Centrality-Dependent p plus Pb Collisions at 5.02 TeV from ATLAS	PHYSICAL REVIEW LETTERS	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
161	Constraints on the Higgs boson self-coupling from single- and double-Higgs	PHYSICS LETTERS B	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.

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	production with the ATLAS detector using pp collisions at $\sqrt{s}=13$ TeV		
162	Search for pair-production of vector-like quarks in pp collision events at $\sqrt{s}=13$ TeV with at least one leptonically decaying Z boson and a third-generation quark with the ATLAS detector	PHYSICS LETTERS B	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
163	Combination of searches for invisible decays of the Higgs boson using 139 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s}=13$ TeV collected with the ATLAS experiment	PHYSICS LETTERS B	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
164	Search for flavour-changing neutral-current couplings between the top quark and the photon with the ATLAS detector at $\sqrt{s}=13$ TeV	PHYSICS LETTERS B	Aad, G.; Hansen, J. B.; Lampoudis, C.; Marti-Garcia, S.; Myagkov, A. G.; Popa, S.; Popeneciu, G. A.; Sanchez, J. et al.
165	Existence of wormhole solutions in f(Q, T) gravity under non-commutative geometries	PHYSICS OF THE DARK UNIVERSE	Tayde, Moreshwar; Hassan, Zinnat; Sahoo, P. K.
166	Modeling Study of the Creep Behavior of Carbon-Fiber-Reinforced Composites: A Review	POLYMERS	Katouzian, Mostafa; Vlase, Sorin; Marin, Marin; Scutaru, Maria Luminita
167	Modelling Influence on Bending Behaviour Simulation of the Poly(Lactic Acid) Structures, 3D Printed	POLYMERS	Catana, Dorin-Ioan; Brus, Denisa-Iulia; Pop, Mihai-Alin
168	Aging of Wood for Musical Instruments: Analysis of Changes in Color, Surface	POLYMERS	Gurau, Lidia; Timar, Maria Cristina; Cosereanu, Camelia; Cosnita, Mihaela; Stanciu, Mariana Domnica



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170	3D-Printed PLA Molds for Natural Composites: Mechanical Properties of Green Wax-Based Composites	POLYMERS	Pop, MA; Cosnita, M; Croitoru, C; Zaharia, SM; Matei, S; Spirchez, C
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176	Prediction of Plant Diversity Using Multi-Seasonal Remotely Sensed and Geodiversity Data in a Mountainous Area	REMOTE SENSING	Rahmanian, Soroor; Nasiri, Vahid; Amindin, Atiyeh; Karami, Sahar; Maleki, Sedigheh; Pouyan, Soheila; Borz, Stelian Alexandru
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178	Seasonality and directionality effects on radar backscatter are key to identify mountain forest types with Sentinel-1 data	REMOTE SENSING OF ENVIRONMENT	Borlaf-Mena, Ignacio; Garcia-Duro, Juan; Santoro, Maurizio; Villard, Ludovic; Badea, Ovidiu; Tanase, Mihai Andrei
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185	FlorTree: A unifying modelling framework for estimating the species-specific pollution removal by individual trees and shrubs	URBAN FORESTRY & URBAN GREENING	Manzini, J; Hoshika, Y; Carrari, E; Sicard, P; Watanabe, M; Tanaka, R; Badea, O; Nicese, FP; Ferrini, F; Paoletti, E