

Papers published in most-cited journals (ranked in the first Quartile/Q1 by ISI Web of Science/Clarivate Analytics in 2019)

No.	Title	Journal	Authors
1	Cross-talk between physiological and biochemical adjustments by <i>Punica granatum</i> cv. Dente di cavallo mitigates the effects of salinity and ozone stress	SCIENCE OF THE TOTAL ENVIRONMENT	Calzone, A; Podda, A; Lorenzini, G; Maserti, BE; Carrari, E; Deleanu, E; Hoshika, Y; Haworth, M; Nali, C; Badea, O; Pellegrini, E; Fares, S; Paoletti, E
2	Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: Influence of age, gender, body mass index, and habitat	SCIENCE OF THE TOTAL ENVIRONMENT	Luzardo, OP; Badea, M; Zumbadoa, M; Rogozea, L; Floroian, I; Illea, A; Moga, M; Sechel, G; Boada, LD; Henriquez-Hernandez, LA
3	Fixed point theorems for new nonlinear mappings satisfying condition (CC*)	JOURNAL OF FIXED POINT THEORY AND APPLICATIONS	Popescu, O; Stan, G
4	CZTS-TiO ₂ thin film heterostructures for advanced photocatalytic wastewater treatment	CATALYSIS TODAY	Covei, M; Perniu, D; Bogatu, C; Duta, A
5	The influence of hybrid nanofluids on the performances of elliptical tube: Recent research and numerical study	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	Huminic, G; Huminic, A
6	The influence of temperature on the performance of rubber - PET-HDPE waste - based composites with different inorganic fillers	JOURNAL OF CLEANER PRODUCTION	Cazan, C; Cosnita, M; Isac, L
7	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth	FRONTIERS IN PLANT SCIENCE	Cailleret, M; Dakos, V; Jansen, S; Robert, EMR; Aakala, T; Amoroso, MM; Antos, JA; Bigler, C; Bugmann, H; Caccianaga, M; Camarero, JJ; Cherubini, P; Coyea, MR; Cufar, K; Das, AJ; Davi, H; Gea-Izquierdo, G; Gillner, S; Haavik, LJ; Hartmann, H; Heres, AM; Hultine, KR; Janda, P; Kane, JM; Kharuk, VI;

			Kitzberger, T; Klein, T; Levanic, T; Linares, JC; Lombardi, F; Makinen, H; Meszaros, I; Metsaranta, JM; Oberhuber, W; Papadopoulos, A; Petritan, AM; Rohner, B; Sanguesa-Barreda, G; Smith, JM; Stan, AB; Stojanovic, DB; Suarez, ML; Svoboda, M; Trotsiuk, V; Villalba, R; Westwood, AR; Wyckoff, PH; Martinez-Vilalta, J
8	A study on academic staff personality and technology acceptance: The case of communication and collaboration applications	COMPUTERS & EDUCATION	Maican, CI; Cazan, AM; Lixandriou, RC; Dovleac, L
9	Deposition temperature influence on the wear behaviour of carbon-based coatings deposited on hardened steel	APPLIED SURFACE SCIENCE	Feldiorean, D; Cristea, D; Tielean, M; Croitoru, C; Gabor, C; Jakab-Farkas, L; Cunha, L; Barradas, NP; Alves, E; Craciun, V; Marin, A; Moura, C; Leme, J; Socol, M; Craciun, D; Cosnita, M; Munteanu, D
10	Effect of Al ₂ O ₃ nanoparticles on laminar, transient and turbulent flow of isopropyl alcohol	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	Nikulin, A; Moita, AS; Moreira, ALN; Murshed, SMS; Huminic, A; Grosu, Y; Faik, A; Nieto-Maestre, J; Khliyeva, O
11	Electron-Phonon Coupling as the Source of 1/f Noise in Carbon Soot	SCIENTIFIC REPORTS	Mihaila, M; Ursutiu, D; Sandu, I
12	Energy-enhanced deposition of copper thin films by bipolar high power impulse magnetron sputtering	SURFACE & COATINGS TECHNOLOGY	Velicu, IL; Ianos, GT; Porosnicu, C; Mihaila, I; Burducea, I; Velea, A; Cristea, D; Munteanu, D; Tiron, V
13	Ginseng: A dietary supplement as immune-modulator in various diseases	TRENDS IN FOOD SCIENCE & TECHNOLOGY	Riaz, M; Rahman, NU; Zia-Ul-Haq, M; Jaffar, HZE; Manea, R
14	Intentions to engage in forest law enforcement in Romania: An application of the theory of planned behavior	FOREST POLICY AND ECONOMICS	Popa, B; Nita, MD; Halalisan, AF
15	Mediterranean Diet and Motivation in Sport: A Comparative Study Between University Students from Spain and Romania	NUTRIENTS	Chacon-Cuberos, R; Badicu, G; Zurita-Ortega, F; Castro-Sanchez, M
16	Non-Invasive Assessment Method Using	JOURNAL OF CLINICAL MEDICINE	Purcaru, MAP; Repanovici, A; Nedeloiu, T

	Thoracic-Abdominal Profile Image Acquisition and Mathematical Modeling with Bezier Curves		
17	Predictive Factors for Platelet Count Variation After Splenectomy in Non-Traumatic Diseases	JOURNAL OF CLINICAL MEDICINE	Dragomir, RM; Hoga, MD; Moga, MA; Festila, DG; Cobelschi, CP
18	When Social Networks Meet D2D Communications: A Survey	SENSORS	Nitti, M; Stelea, GA; Popescu, V; Fadda, M
19	2019 update of the WSES guidelines for management of Clostridioides (Clostridium) difficile infection in surgical patients	WORLD JOURNAL OF EMERGENCY SURGERY	Sartelli, M; Di Bella, S; McFarland, LV; Khanna, S; Furuya-Kanamori, L; Abuzeid, N; Abu-Zidan, FM; Ansaloni, L; Augustin, G; Bala, M; Ben-Ishay, O; Biffl, WL; Brecher, SM; Camacho-Ortiz, A; Cainzos, MA; Chan, S; Cherry-Bukowiec, JR; Clanton, J; Coccolini, F; Cocuz, ME; Coimbra, R; Cortese, F; Cui, YF; Czepiel, J; Demetrashevili, Z; Di Carlo, I; Di Saverio, S; Dumitru, IM; Eckmann, C; Eiland, EH; Forrester, JD; Fraga, GP; Frossard, JL; Fry, DE; Galeiras, R; Ghennam, W; Gomes, CA; Griffiths, EA; Guirao, X; Ahmed, MH; Herzog, T; Kim, JI; Iqbal, T; Isik, A; Itani, KMF; Labricciosa, FM; Lee, YY; Juang, P; Karamarkovic, A; Kim, PK; Kluger, Y; Leppaniemi, A; Lohsiriwat, V; Machain, GM; Marwah, S; Mazuski, JE; Metan, G; Moore, EE; Moore, FA; Ordonez, CA; Pagani, L; Petrosillo, N; Portela, F; Rasa, K; Rems, M; Sakakushev, BE; Segovia-Lohse, H; Sganga, G; Shelat, VG; Spigaglia, P; Tattevin, P; Trana, C; Urbanek, L; Ulrych, J; Viale, P; Baiocchi, GL; Catena, F
20	A Nanoparticle-Based Label-Free Sensor for Screening the Relative Antioxidant Capacity of Hydrosoluble Plant Extracts	SENSORS	David, M; Serban, A; Popa, CV; Florescu, M
21	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	Bousquet, J; Hellings, PW; Agache, I; Amat, F; Annesi-Maesano, I; Ansotegui, IJ; Anto, JM; Bachert, C; Bateman, ED; Bedbrook, A; Bennoor, K; Bewick, M; Bindslev-Jensen, C;

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22	Black Alder (<i>Alnus glutinosa</i> L.)-a Resource for Value-Added Products in Furniture Industry Under European Screening	CURRENT FORESTRY REPORTS
23	Comparative study on the photodegradation efficiency of organic pollutants using n-p multi-junction thin films	CATALYSIS TODAY
24	Diagnosis and management of NSAID-Exacerbated Respiratory Disease (N-ERD)a EAACI position paper	ALLERGY
25	Emerging concepts and challenges in implementing the exposome paradigm in allergic diseases and asthma: a Pratall document	ALLERGY
26	Enhanced optical properties of YAG:Ce yellow phosphor by modification with gold nanoparticles	CERAMICS INTERNATIONAL
27	Fisher-Type Fixed Point Results in b-Metric Spaces	MATHEMATICS
28	Growth of Spheroidal Graphite on Nitride Nuclei: Disregistry and Crystallinity During Early Growth	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE
29	Sehgal Type Contractions on Dislocated Spaces	MATHEMATICS
30	Stability of the Cu ₂ ZnSnS ₄ /TiO ₂ photocatalytic thin films active under visible light irradiation	CATALYSIS TODAY
31	Stochastic ordering of Polya random variables and monotonicity of the Bernstein-Stancu operator for a negative parameter	JOURNAL OF INEQUALITIES AND APPLICATIONS

32	Transient behavior of concentrated solar oxide thermoelectric generator	ENERGY	Mahmoudinezhad, S; Rezania, A; Cotfas, PA; Cotfas, DT; Rosendahl, LA
33	Using an IoT Platform for Trustworthy D2D Communications in a Real Indoor Environment	IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT	Nitti, M; Popescu, V; Fadda, M
34	Development of the urogenital system is regulated via the 3' UTR of GDNF	SCIENTIFIC REPORTS	Li, H; Jakobson, M; Ola, R; Gui, YJ; Kumar, A; Sipila, P; Sariola, H; Kuure, S; Andressoo, JO
35	Energy absorption of all-PET 2nd order hierarchical sandwich structures under quasi-static loading conditions	THIN-WALLED STRUCTURES	Velea, MN; Lache, S
36	Experimental and numerical study on the transient behavior of multi junction solar cell-thermoelectric generator hybrid system	ENERGY CONVERSION AND MANAGEMENT	Mahmoudinezhad, S; Atouei, SA; Cotfas, PA; Cotfas, DT; Rosendahl, LA; Rezania, A
37	Investigation on the effects of the ball diameter difference in the sound radiation of full ceramic bearings	JOURNAL OF SOUND AND VIBRATION	Bai, XT; Wu, YH; Rosca, IC; Zhang, K; Shi, HT
38	Moisture-induced deformation in the neck of a classical guitar	HOLZFORSCHUNG	Stanciu, MD; Bucur, V; Munteanu, VM; Georgescu, SV; Nastac, SM
39	Outdoor performance of a trapeze solar thermal collector for facades integration	RENEWABLE ENERGY	Visa, I; Duta, A; Moldovan, M
40	Precision medicine and phenotypes, endotypes, genotypes, regiotypes, and theratypes of allergic diseases	JOURNAL OF CLINICAL INVESTIGATION	Agache, I; Akdis, CA
41	SDR Implementation of a D2D Security Cryptographic Mechanism	IEEE ACCESS	Balan, TN; Balan, AC; Sandu, FD
42	Self-cleaning thin films with controlled optical properties based on WO ₃ -rGO	CERAMICS INTERNATIONAL	Covei, M; Bogatu, C; Perniu, D; Duta, A; Visa, I
43	Serious asthma events with mometasone furoate plus formoterol compared with mometasone furoate	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	Weinstein, CLJ; Ryan, N; Shekar, T; Gates, D; Lane, SJ; Agache, I; Nathan, RA



44	SOME IMPROVED INEQUALITIES IN AN INNER PRODUCT SPACE	JOURNAL OF MATHEMATICAL INEQUALITIES	Minculete, N; Paltanea, R
45	Consuming Blackberry as a Traditional Nutraceutical Resource from an Area with High Anthropogenic Impact	FORESTS	Vlad, IA; Goji, G; Dinulica, F; Bartha, S; Vasilescu, MM; Mihaiescu, T
46	Influence of Cu dopant on the morpho-structural and optical properties ZnO nanoparticles	CERAMICS INTERNATIONAL	Matei, A; Tucureanu, V; Popescu, MC; Romanitan, C; Mihalache, I
47	The contact angle of nanofluids as thermophysical property	JOURNAL OF COLLOID AND INTERFACE SCIENCE	Hernaiz, M; Alonso, V; Estelle, P; Wu, Z; Sunden, B; Doretti, L; Mancin, S; Cobanoglu, N; Karadeniz, ZH; Garmendia, N; Lasheras-Zubiate, M; Lopez, LH; Mondragon, R; Martinez-Cuenca, R; Barison, S; Kujawska, A; Turgut, A; Amigo, A; Huminic, G; Huminic, A; Kalus, MR; Schroth, KG; Buschmann, MH
48	About finite energy solutions in thermoelasticity of micropolar bodies with voids	BOUNDARY VALUE PROBLEMS	Marin, M; Chirila, A; Ochsner, A; Vlase, S
49	Biogeostatistics confirm: Even a low total number of red wood ant nests provide new information on tectonics in the East Carpathian Orogen (Romania)	ECOLOGICAL INDICATORS	Berberich, GM; Klimentzek, D; Paraschiv, M; Stancioiu, PT; Grumpe, A
50	Circulating miRNAs as Biomarkers for Endometriosis and Endometriosis-Related Ovarian CancerAn Overview	JOURNAL OF CLINICAL MEDICINE	Moga, MA; Balan, A; Dimienescu, OG; Burtea, V; Dragomir, RM; Anastasiu, CV
51	EAACI Guidelines on Allergen Immunotherapy: House dust mite-driven allergic asthma	ALLERGY	Agache, I; Lau, S; Akdis, CA; Smolinska, S; Bonini, M; Cawkaytar, O; Flood, B; Gajdanowicz, P; Izuhara, K; Kalayci, O; Mosges, R; Palomares, O; Papadopoulos, NG; Sokolowska, M; Angier, E; Fernandez-Rivas, M; Pajno, G; Pfaar, O; Roberts, GC; Ryan, D; Sturm, GJ; van Ree, R; Varga, EM; van Wijk, RG; Yepes-Nunez, JJ; Jutel, M
52	Electrochemical strategies for gallic acid	SCIENCE OF THE TOTAL ENVIRONMENT	Badea, M; di Modugno, F; Floroian, L; Tit, DM; Restani, P;

detection: Potential for application in clinical, food or environmental analyses

53 Endophilin-A2 dependent VEGFR2 endocytosis promotes sprouting angiogenesis

NATURE COMMUNICATIONS

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Genet, G; Boye, K; Mathivet, T; Ola, R; Zhang, F; Dubrac, A; Li, JY; Genet, N; Geraldo, LH; Benedetti, L; Kunzel, S; Pibouin-Fragner, L; Thomas, JL; Eichmann, A

54 New Generation Cardiac Contractility Modulation DeviceFilling the Gap in Heart Failure Treatment

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Tint, D; Florea, R; Micu, S

55 sPlot - A new tool for global vegetation analyses

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56	Trends of Lipophilic, Antioxidant and Hematological Parameters Associated with Conventional and Electronic Smoking Habits in Middle-Age Romanians	JOURNAL OF CLINICAL MEDICINE	Badea, M; Gaman, L; Delia, C; Illea, A; Leasu, F; Henriquez-Hernandez, LA; Luzardo, OP; Radoi, M; Rogozea, L
57	A Nadler type result for iterated multifunction systems	JOURNAL OF FIXED POINT THEORY AND APPLICATIONS	Miculescu, R; Mihail, A
58	Adherence to treatment in allergic rhinitis using mobile technology. The MASK Study	CLINICAL AND EXPERIMENTAL ALLERGY	Menditto, E; Costa, E; Midao, L; Bosnic-Anticevich, S; Novellino, E; Bialek, S; Briedis, V; Mair, A; Rajabian-Soderlund, R; Arnavielhe, S; Bedbrook, A; Czarlewski, W; Annesi-Maesano, I; Anto, JM; Devillier, P; De Vries, G; Keil, T; Sheikh, A; Orlando, V; Larenas-Linnemann, D; Cecchi, L; De Feo, G; Illario, M; Stellato, C; Fonseca, J; Malva, J; Moraes-Almeida, M; Pereira, AM; Todo-Bom, AM; Kvedariene, V;

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59	An extension of Dafermos's results for bodies with a dipolar structure	APPLIED MATHEMATICS AND COMPUTATION	Marin, M; Chirila, A; Othman, MIA
60	Analysis of the hybrid composite materials reinforced with natural fibers considering digital image correlation (DIC) measurements	MECHANICS OF MATERIALS	Xu, DH; Cerbu, C; Wang, HW; Rosca, LC
61	Antibacterial efficiency of cellulose-based fibers covered with ZnO and Al ₂ O ₃ by Atomic Layer Deposition	APPLIED SURFACE SCIENCE	Popescu, MC; Ungureanu, C; Buse, E; Nastase, F; Tucureanu, V; Suchea, M; Draga, S; Popescu, MA
62	Assessing sampling coverage of species distribution in biodiversity databases	JOURNAL OF VEGETATION SCIENCE	Sporbert, M; Bruelheide, H; Seidler, G; Keil, P; Jandt, U; Austrheim, G; Biurrun, I; Campos, JA; Carni, A; Chytry, M; Csiky, J; De Bie, E; Dengler, J; Golub, V; Grytnes, JA; Indreica, A; Jansen, F; Jirousek, M; Lenoir, J; Luoto, M; Marceno, C; Moeslund, JE; Perez-Haase, A; Rusina, S; Vandvik, V;



63	Beryllium thin films deposited by thermionic vacuum arc for nuclear applications	APPLIED SURFACE SCIENCE	Vassilev, K; Welk, E Tiron, V; Porosnicu, C; Dinca, P; Velicu, IL; Cristea, D; Munteanu, D; Revesz, A; Stoian, G; Lungu, CP
64	Brosamler's formula revisited and extensions	ANALYSIS AND MATHEMATICAL PHYSICS	Beznea, L; Pascu, MN; Pascu, NR
65	Inferring fine-scale spatial structure of the brown bear (<i>Ursus arctos</i>) population in the Carpathians prior to infrastructure development	SCIENTIFIC REPORTS	Fedorca, A; Russo, IRM; Ionescu, O; Ionescu, G; Popa, M; Fedorca, M; Curtu, AL; Sofletea, N; Tabor, GM; Bruford, MW
66	Internal and external surface features of newly developed porous ceramics with random interconnected 3D channels by a fibrous sacrificial porogen method	APPLIED SURFACE SCIENCE	Mocanu, AC; Miculescu, M; Machedon-Pisu, T; Maidaniuc, A; Ciocoiu, RC; Ionita, M; Pasuk, J; Stan, GE; Miculescu, F
67	Large Contractions on Quasi-Metric Spaces with an Application to Nonlinear Fractional Differential Equations	MATHEMATICS	Karapinar, E; Fulga, A; Rashid, M; Shahid, L; Aydi, H
68	Manual Cultivation Operations in Poplar Stands: A Characterization of Job Difficulty and Risks of Health Impairment	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	Marogel-Popa, T; Cheta, M; Marcu, MV; Duta, CI; Ioras, F; Borz, SA
69	Mobile technology offers novel insights into the control and treatment of allergic rhinitis: The MASK study	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	Bedard, A; Basagana, X; Anto, JM; Garcia-Aymerich, J; Devillier, P; Arnavielhe, S; Bedbrook, A; Onorato, GL; Czarlewski, W; Murray, R; Almeida, R; Fonseca, J; Costa, E; Malva, J; Morais-Almeida, M; Pereira, AM; Todo-Bom, A; Menditto, E; Stellato, C; Ventura, MT; Cruz, AA; Stelmach, R; da Silva, J; Larenas-Linnemann, D; Fuentes-Perez, JM; Huerta-Villalobos, YR; Emuzyte, R; Kvedariene, V; Valiulis, A; Kuna, P; Samolinski, B; Klimek, L; Mosges, R; Pfaar, O; Shamai, S; Annesi-Maesano, I; Bosse, I; Demoly, P; Fontaine, JF; Cardona, V; Mullol, J; Valero, A; Roller-Wirnsberger, RE; Tomazic, PV; Chavannes, NH; Fokkens, WJ; Reitsma, S;

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70	Motivational Climate and Physical Activity: A Multigroup Analysis in Romanian and Spanish University Students	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	Zurita-Ortega, F; Badicu, G; Chacon-Cuberos, R; Castro-Sanchez, M
71	2019 ARIA Care pathways for allergen immunotherapy	ALLERGY	Bousquet, J; Pfaar, O; Togias, A; Schunemann, HJ; Ansotegui, I; Papadopoulos, NG; Tsiligianni, I; Agache, I; Anto, JM; Bachert, C; Bedbrook, A; Bergmann, KC; Bosnic-Anticevich, S; Bosse, I; Brozek, J; Calderon, MA; Canonica, GW; Caraballo, I; Cardona, V; Casale, T; Cecchi, L; Chu, D; Costa, E; Cruz, AA; Czarlewski, W; Durham, SR; Du Toit, G; Dykewicz, M; Ebisawa, M; Fauquert, JL; Fernandez-Rivas, M; Fokkens, WJ; Fonseca, J; Fontaine, JF; van Wijk, RG; Haahtela, T; Halken, S; Hellings, PW; Ierodiakonou, D; Iinuma, T; Ivancevich, JC; Jacobsen, L; Jute, M; Kaidashev, I; Khaitov, M; Kalayci, O; Tebbe, JK; Klimek, L; Kowalski, ML; Kuna, P; Kvedariene, V; La Grutta, S; Larenas-Linemann, D; Lau, S; Laune, D; Le, L; Carlsen, KL; Lourenco, O; Malling, HJ; Marien, G; Mendlito, E; Mercier, G; Mullol, J; Muraro, A; O'Hehir, R; Okamoto, Y; Pajno, GB; Park, HS; Panzner, P; Passalacqua, G; Pham-Thi, N; Roberts, G; Pawankar, R; Rolland, C; Rosario, N; Ryan, D; Samolinski, B; Sanchez-Borges, M; Scadding, G; Shamji, MH; Sheikh, A; Sturm, GJ; Bom, AT; Toppila-Salmi, S; Valentim-Rostan, M; Valiulis, A; Valovirta, E; Ventura, MT; Wahn, U;

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72	A Fixed Point Result with a Contractive Iterate at a Point	MATHEMATICS	Alqahtani, B; Fulga, A; Karapinar, E
73	ARIA pharmacy 2018 "Allergic rhinitis care pathways for community pharmacy" AIRWAYS ICPs initiative (European Innovation Partnership on Active and Healthy Ageing, DG CONNECT and DG Sante) \n POLLAR (Impact of Air POLLution on Asthma and Rhinitis)\n GARD Demonstration project	ALLERGY	Bosnic-Anticevich, S; Costa, E; Menditto, E; Lourenco, O; Novellino, E; Bialek, S; Briedis, V; Buonaiuto, R; Chrystyn, H; Cvetkovski, B; Di Capua, S; Kritikos, V; Mair, A; Orlando, V; Paulino, E; Salimaki, J; Soderlund, R; Tan, R; Williams, DM; Wroczynski, P; Agache, I; Ansotegui, IJ; Anto, JM; Bedbrook, A; Bachert, C; Bewick, M; Bindslev-Jensen, C; Brozek, JL; Canonica, GW; Cardona, V; Carr, W; Casale, TB; Chavannes, NH; de Sousa, JC; Cruz, AA; Czarlewski, W; De Carlo, G; Demoly, P; Devillier, P; Dykewicz, MS; Gaga, M; El-Gamal, Y; Fonseca, J; Fokkens, WJ; Guzman, MA; Haahtela, T; Hellings, PW; Illario, M; Ivancevich, JC; Just, J; Kaidashev, I; Khaitov, M; Khaltaev, N; Keil, T; Klimek, L; Kowalski, ML; Kuna, P; Kvedariene, V; Larenas-Linnemann, DE; Laune, D; Le, LTT; Carlsen, KCL; Mahboub, B; Maier, D; Malva, J; Manning, PJ; Morais-Almeida, M; Mosges, R; Mullol, J; Munter, L; Murray, R; Naclerio, R; Nannazova-Baranove, L; Nekann, K; Nyembue, TD; Okubo, K; O'Hehir, RE; Ohta, K; Okamoto, Y; Onorato, GL; Palkonen, S; Panzner, P; Papadopoulos, NG; Park, HS; Pawankar, R; Pfaar, O; Phillips, J; Plavec, D; Popov, TA; Potter, PC; Prokopakis, EP; Roller-Wirnsberger, RE; Rottenn, M; Ryan, D; Sannolinski, B; Sanchez-Borges, M; Schunemann, HJ; Sheikh, A; Sisul, JC; Somekh, D; Stellato, C; To, T; Todo-Bonn, AM; Tonnazic, PV; Toppila-Salmi, S; Valero, A; Valiulis, A; Valovirta, E; Ventura, MT; Wagennann, M; Wallace, D; Wasernnan, S; Wickman, M;

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75	Machining performance of hard-brittle materials by multi-layer micro-nano crystalline diamond coated tools	RESULTS IN PHYSICS	Yan, GY; Wu, YH; Cristea, D; Lu, F; Wang, YB; Zhao, DH; Tiorean, M; Liu, LS
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77	New Hybrid Contractions on b-Metric Spaces	MATHEMATICS	Karapinar, E; Fulga, A
78	Novel triangle flat plate solar thermal collector for facades integration	RENEWABLE ENERGY	Visa, I; Moldovan, M; Duta, A
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80	Thermo-physical properties of water based lanthanum oxide nanofluid. An experimental study	JOURNAL OF MOLECULAR LIQUIDS	Huminic, A; Huminic, G; Fleaca, C; Dumitache, F; Morjan, I
81	A study on the thermoelasticity of three-phase-lag dipolar materials with voids	BOUNDARY VALUE PROBLEMS	Codarcea-Munteanu, L; Marin, M
82	Bioelectrochemical evaluation of plant extracts and gold nanozyme-based sensors for total antioxidant capacity determination	BIOELECTROCHEMISTRY	David, M; Serban, A; Radulescu, C; Danet, AF; Florescu, M
83	Botulinum Toxin a Valuable Prophylactic Agent for Migraines and a Possible Future Option for the Prevention of Hormonal Variations-Triggered Migraines	TOXINS	Dima, L; Balan, A; Moga, MA; Dinu, CG; Dimienescu, OG; Varga, I; Neculau, AE

84	Contractions with rational inequalities in the extended b-metric space	JOURNAL OF INEQUALITIES AND APPLICATIONS	Alqahtani, B; Fulga, A; Karapinar, E; Rakocevic, V
85	Design of Wireless Sensors for IoT with Energy Storage and Communication Channel Heterogeneity	SENSORS	Borza, PN; Machedon-Pisu, M; Hamza-Lup, F
86	EAACI position paper: Influence of dietary fatty acids on asthma, food allergy, and atopic dermatitis	ALLERGY	Venter, C; Meyer, RW; Nwaru, BI; Roduit, C; Untersmayr, E; Adel-Patient, K; Agache, I; Agostoni, C; Akdis, CA; Bischoff, SC; du Toit, G; Feeney, M; Frei, R; Garn, H; Greenhawt, M; Hoffmann-Sommergruber, K; Lunjani, N; Maslin, K; Mills, C; Muraro, A; Pali-Scholl, I; Poulsen, LK; Reese, I; Renz, H; Roberts, GC; Smith, P; Smolinska, S; Sokolowska, M; Stanton, C; Vlieg-Boerstra, B; O'Mahony, L
87	Synthetic aperture radar sensitivity to forest changes: A simulations-based study for the Romanian forests	SCIENCE OF THE TOTAL ENVIRONMENT	Tanase, MA; Villard, L; Pitar, D; Apostol, B; Petriila, M; Chivulescu, S; Leca, S; Borlaf-Mena, I; Pascu, IS; Dobre, AC; Pitar, D; Guiman, G; Lorent, A; Anghelus, C; Ciceu, A; Nedea, G; Stanculeanu, R; Popescu, F; Aponte, C; Badea, O; Vecera, M; Divisek, J; Lenoir, J; Jimenez-Alfaro, B; Biurrun, I; Knollova, I; Agrillo, E; Campos, JA; Carni, A; Jimenez, GC; Cuk, M; Dimopoulos, P; Ewald, J; Fernandez-Gonzalez, F; Gegout, JC; Indreica, A; Jandt, U; Jansen, F; Kacki, Z; Rasomavicius, V; Reznickova, M; Rodwell, JS; Schaminee, JHJ; Silc, U; Svenning, JC; Swacha, G; Vassilev, K; Venanzoni, R; Willner, W; Wohlgemuth, T; Chytry, M
88	Alpha diversity of vascular plants in European forests	JOURNAL OF BIOGEOGRAPHY	Cotfas, DT; Deaconu, AM; Cotfas, PA
89	Application of successive discretization algorithm for determining photovoltaic cells parameters	ENERGY CONVERSION AND MANAGEMENT	Tanno, LK; Chalmers, R; Bierrenbach, AL; Simons, FER; Martin, B; Molinari, N; Annesi-Maesano, I; Worm, M; Cardona, V; Papadopoulos, NG; Sanchez-Borges, M; Rosenwasser, LJ; Ansontegui, I; Ebisawa, M; Sisul, JC; Jares,
90	Changing the history of anaphylaxis mortality statistics through the World Health Organization's International Classification of Diseases-11	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY	

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91	Bark Features for Identifying Resonance Spruce Standing Timber	FORESTS	Dinulica, F; Albu, CT; Vasilescu, MM; Stanciu, MD
92	Benevolent and Corrective Humor, Life Satisfaction, and Broad Humor Dimensions: Extending the Nomological Network of the BenCor Across 25 Countries	JOURNAL OF HAPPINESS STUDIES	Heintz, S; Ruch, W; Aykan, S; Brdar, I; Brzozowska, D; Carretero-Dios, H; Chen, HC; Chlopicki, W; Choi, I; Dionigi, A; Durka, R; Ford, TE; Gusewell, A; Isler, RB; Ivanova, A; Laineste, L; Lajciakova, P; Lau, C; Lee, M; Mada, S; Martin-Krumm, C; Mendiburo-Seguel, A; Migiwa, I; Mustafi, N; Oshio, A; Platt, T; Proyer, RT; Quiroga-Garza, A; Ramis, T; Saftoiu, R; Saklofske, DH; Shcherbakova, OV; Slezackova, A; Stalikas, A; Stokenberga, I; Torres-Marin, J; Wong, PSO
93	Cascading effects associated with climate-change-induced conifer mortality in mountain temperate forests result in hot-spots of soil CO ₂ emissions	SOIL BIOLOGY & BIOCHEMISTRY	Yuste, JC; Flores-Renteria, D; Garcia-Angulo, D; Heres, AM; Braga, C; Petritan, AM; Petritan, IC
94	Extensive validation study of the Parkinson's Disease Composite Scale	EUROPEAN JOURNAL OF NEUROLOGY	Martinez-Martin, P; Radicati, FG; Blazquez, CR; Wetmore, J; Kovacs, N; Chaudhuri, KR; Stocchi, F; Vuletic, V; Falup-Pecurariu, C; Diaconu, S; Johansson, A; Sundgren, M; Simitsi, A; Stefanis, L; Gurevich, T; Migirov-Sanderovich, A; Ezra, A; Guekht, A; Popov, G; Stamelou, M; Giagkou, N; Stefani, A; Cerroni, R; Corbo, M; Grassi, A; Dellaporta, D; Tsolaki, M; Ariadne, V; Kefalopoulou, Z; Ellul, J; Mir, P; Adarmes, AD; Mendez-del-Barrio, C; Skorvanek, M; Necpal, J; Bostantjopoulou, S; Zoe, K; Minar, M; Simu, M; Rosca, C; Popovici, M; Kostic, VS; Marti, MJ; Planelles, L; Kovacs, N; Aschermann, Z; Juhasz, A; Harmat, M
95	Finsler gravity action from variational completion	PHYSICAL REVIEW D	Hohmann, M; Pfeifer, C; Voicu, N
96	Mechanical properties and wear behavior of	APPLIED SURFACE SCIENCE	Yan, GY; Wu, YH; Cristea, D; Liu, LS; Tiorean, M; Wang, YB;

	multi-layer diamond films deposited by hot-filament chemical vapor deposition		Lu, F; Wang, H; Yuan, ZY; Munteanu, D; Zhao, DH
97	Near the forest road: Small changes in air temperature and relative humidity in mixed temperate mountainous forests	TRANSPORTATION RESEARCH PART D- TRANSPORT AND ENVIRONMENT	Tita, GC; Marcu, MV; Ignea, G; Borz, SA
98	No systematic effects of sampling direction on climate-growth relationships in a large-scale, multi-species tree-ring data set	DENDROCHRONOLOGIA	Gut, U; Arvai, M; Bijak, S; Camarero, JJ; Cedro, A; Cruz-Garcia, R; Garamszegi, B; Hacket-Pain, A; Hevia, A; Huang, WW; Isaac-Renton, M; Kaczka, RJ; Kazimirovic, M; Kedziora, W; Kern, Z; Klisz, M; Kolar, T; Korner, M; Kuznetsova, V; Montwe, D; Petritan, AM; Petritan, IC; Plavcova, L; Rehschuh, R; Rocha, E; Rybnicek, M; Sanchez-Salguero, R; Schroder, J; Schwab, N; Stajic, B; Tomusiak, R; Wilmking, M; Sass-Klaassen, U; Buras, A
99	Overcoming the insulating materials limitation in HiPIMS: Ion-assisted deposition of DLC coatings using bipolar HiPIMS	APPLIED SURFACE SCIENCE	Thou, V; Ursu, EL; Cristea, D; Munteanu, D; Bulai, G; Ceban, A; Velic, IL
100	Physical Strain, Exposure to Noise and Postural Assessment in Motor-Manual Felling of Willow Short Rotation Coppice: Results of a Preliminary Study	CROATIAN JOURNAL OF FOREST ENGINEERING	Borz, SA; Talagai, N; Cheta, M; Chiriloiu, D; Montoya, AVG; Vizuete, DDC; Marcu, MV
101	Synthesis and characterization of biocompatible polymer-ceramic film structures as favorable interface in guided bone regeneration	APPLIED SURFACE SCIENCE	Dascalu, CA; Maidaniuc, A; Pandele, AM; Voicu, SI; Machedon-Pisu, T; Stan, GE; Cimpean, A; Mitran, V; Antoniac, IV; Miculescu, F
102	Synthesis and characterization of Ca doped ZnO thin films by sol-gel method	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	Istrate, AI; Nastase, F; Mihalache, I; Comanescu, F; Gavrila, R; Tutunaru, O; Romanitan, C; Tucureanu, V; Nedelcu, M; Muller, R
103	Ten principles to integrate the water-energy-land nexus with climate services for co-producing local and regional integrated	SCIENCE OF THE TOTAL ENVIRONMENT	Cremades, R; Mitter, H; Tudose, NC; Sanchez-Plaza, A; Graves, A; Broekman, A; Bender, S; Giupponi, C; Koundouri, P; Bahri, M; Cheval, S; Cortekar, J; Moreno, Y; Melo, O;

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104	The role of mobile health technologies in allergy care: An EAACI position paper	ALLERGY	Karner, K; Ungurean, C; Davidescu, SO; Kropf, B; Brouwer, F; Marin, M Matricardi, PM; Dramburg, S; Alvarez-Perea, A; Antolin-Amerigo, D; Apfelbacher, C; Atanaskovic-Markovic, M; Berger, U; Blaiss, MS; Blank, S; Boni, E; Bonini, M; Bousquet, J; Brockow, K; Buters, J; Cardona, V; Caubet, JC; Cavkaytar, O; Elliott, T; Esteban-Gorgojo, I; Fonseca, JA; Gardner, J; Gevaert, P; Ghiordanescu, I; Hellings, P; Hoffmann-Sommergruber, K; Kalpaklioglu, AF; Marmouz, F; Calderon, AM; Mosges, R; Nakonechna, A; Ollert, M; Oteros, J; Pajno, G; Panaitescu, C; Perez-Formigo, D; Pfaar, O; Pitsios, C; Rudenko, M; Ryan, D; Sanchez-Garcia, S; Shih, J; Tripodi, S; Van der Poel, LA; van Os-Medendorp, H; Varricchi, G; Wittmann, J; Worm, M; Agache, I
105	A survey of deep learning techniques for autonomous driving	JOURNAL OF FIELD ROBOTICS	Grigorescu, S; Trasnea, B; Cocias, T; Macesanu, G Hellings, PW; Seys, SF; Marien, G; Agache, I; Canonica, W; Gevaert, P; Haahtela, T; Klimek, L; Mullol, J; Pfaar, O; Scadding, G; Scadding, G; Valiulis, A; Bousquet, J; Pugin, B; Al-Muhandis, N; Allatt, S; Almeyda, R; Armand, P; Markovic, MA; Bajoruniene, I; Banik, AN; Barbar-Craig, H; Barraclough, J; Bedfert, C; Bedrock, A; Beel, M; Parra, DB; Bradatan, E; Bras, M; Brehmer, D; Brinkman, D; Suarez, MC; Llatas, MC; Chipev, P; Cooper, A; Corbett, D; Cox, C; Cox, T; Decsi, M; Dantsis, C; Davies, D; de la Hoz, B; Culla, MTD; Dworan-Timler, A; Edlinger, S; El Rakhawy, M; El-Shanawany, T; Halawa, WE; Fauquert, JL; Folliard, A; Frankland, K; Gardner, J; Gaskin, J; Guiddur, T; Hanks, KA; Hanna, B; Heinz, B; Hettige, R; Horisberger, A; Hosotte, M; Howe, D; Hox, V;
106	ARIA masterclass 2018: From guidelines to real-life implementation	RHINOLOGY	

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107	ESTIMATES ON THE GAP IN BULLEN'S INEQUALITY	MATHEMATICAL INEQUALITIES & APPLICATIONS	Mitroi-Symeonidis, FC; Minculete, N; Niezgoda, M
108	ON THE CAUCHY-SCHWARZ INEQUALITY AND SEVERAL INEQUALITIES IN AN INNER PRODUCT SPACE	MATHEMATICAL INEQUALITIES & APPLICATIONS	Minculete, N
109	Prioritizing research challenges and funding for allergy and asthma and the need for translational research-The European Strategic Forum on	ALLERGY	Agache, I; Annesi-Maesano, I; Bonertz, A; Branca, F; Cant, A; Fras, Z; Ingenrieth, F; Namazova-Baranova, L; Odemir, M; Spanevello, A; Vieths, S; Yorgancioglu, A; Alvaro-Lozano, M;

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117	The Potential Involvement of an ATP-Dependent Potassium Channel-Opening Mechanism in the Smooth Muscle Relaxant Properties of <i>Tamarix dioica</i> Roxb	BIOMOLECULES	Imtiaz, SM; Aleem, A; Saqib, F; Ormenisan, AN; Neculau, AE; Anastasiu, CV
118	The Variation Driven by Differences between Species and between Sites in Allometric Biomass Models	FORESTS	Dutca, I
119	Estimating forest stand structure attributes from terrestrial laser scans	SCIENCE OF THE TOTAL ENVIRONMENT	Pascu, IS; Dobre, AC; Badea, O; Tanase, MA
120	Perspectives in allergen immunotherapy: 2019 and beyond	ALLERGY	Pfaar, O; Agache, I; de Blay, F; Bonini, S; Chaker, AM; Durham, SR; Gawlik, R; Hellings, PW; Jutel, M; Kleine-Tebbe, J; Klimek, L; Kopp, MV; Nandy, A; Rabin, RL; Van Ree, R; Renz, H; Roberts, G; Salapatek, AM; Schmidt-Weber, CB; Shamji, MH; Sturm, GJ; Virchow, JC; Wahn, U; Willers, C; Zieglmayer, P; Akdis, CA
121	Severe asthma phenotypes and endotypes	SEMINARS IN IMMUNOLOGY	Agache, I
122	Skyrmion Logic System for Large-Scale Reversible Computation	PHYSICAL REVIEW APPLIED	Chauwin, M; Hu, X; Garcia-Sanchez, F; Betrabet, N; Paler, A; Moutafis, C; Friedman, JS
123	A practical measure for determining if diameter (D) and height (H) should be combined into (DH)-H ⁻² in allometric biomass models	FORESTRY	Dutca, I; McRoberts, RE; Naesset, E; Blujdea, VNB
124	TRY plant trait database - enhanced coverage and open access	GLOBAL CHANGE BIOLOGY	Kattge, J; Bonisch, G; Diaz, S; Lavorel, S; Prentice, IC; Leadley, P; Tautenhahn, S; Werner, GDA; Aakala, T; Abedi, M; Acosta, ATR; Adamidis, GC; Adamson, K; Aiba, M; Albert, CH; Alcantara, JM; Alcazar, CC; Aleixo, I; Ali, H; Amiaud, B; Ammer, C; Amoroso, MM; Anand, M; Anderson, C; Anten, N; Antos, J; Apgaua, DMG; Ashman, TL; Asmara, DH; Asner, GP; Aspinwall, M; Atkin, O; Aubin, I; Baastrup-Spohr, L; Bahalkeh, K; Bahn, M; Baker, T; Baker, WJ; Bakker, JP;

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