

Raport tehnic: Iulie 2022

REZULTATE PUBLICAȚII ȘTIINȚIFICE WEB OF SCIENCE - CLARIVATE ANALYTICS
Universitatea „Dunărea de Jos” din Galați

19 Iulie 2022

Scopul: Evaluarea vizibilității științifice a Universității pe Platforma Web of Science – Clarivate Analytics

Apariția: Lunar

Sursa de documentare: Date prelucrate din Platforma Web of Science - Clarivate Analytics

Rezultate înregistrate în *Web of Science Core Collection*, criteriile de căutare după „Affiliation”, „Dunarea de Jos University Galati”

Întocmit: Colectiv CCDI/19.07.2022

Table 1. CITATION REPORT

| Nr. crt. | Citation Report | Total publications UDJG | 01.01.2022 – 19.07.2022 |
|----------|----------------------------|-------------------------|-------------------------|
| 1. | Total publications | 5.741 | 254 |
| 2. | h-index | 63 | 5 |
| 3. | Average citations per item | 5,69 | 0,48 |
| 4. | Sum of Times Cited | 32.658 | 121 |
| | Without self-citations | 25.732 | 80 |
| 5. | Citing articles | 24.042 | 97 |
| | Without self-citations | 21.902 | 69 |

(Source: <https://wcs.webofknowledge.com>, 19.07.2022)

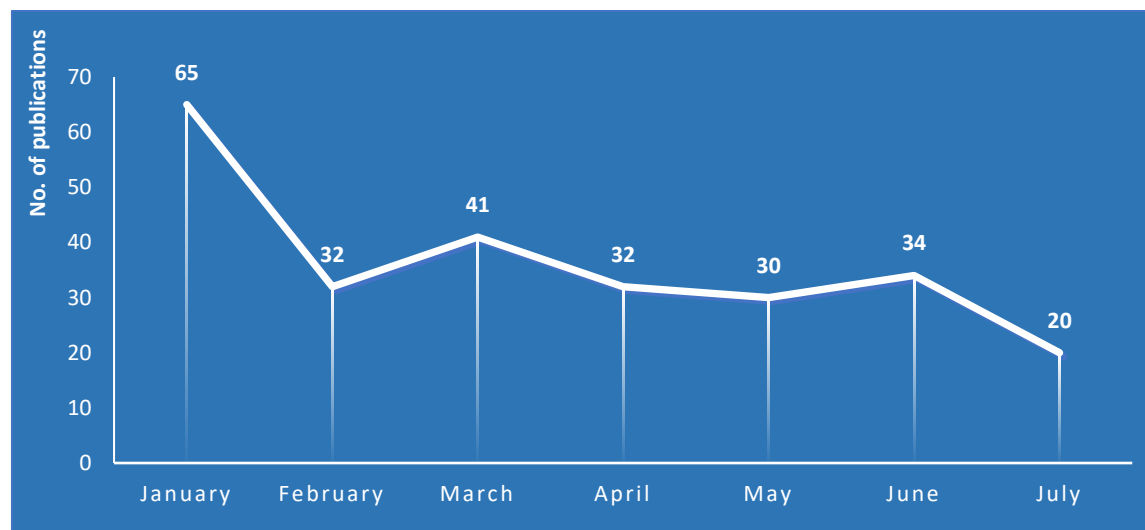


Fig. 1 Publications ”Dunărea de Jos” University of Galați - Web of Science (2022)

(Source: <https://wcs.webofknowledge.com>, 19.07.2022)

Table 2. PUBLICATIONS BY ACCESS TYPE 2022

| Document access type | January | February | March | April | May | June | July |
|----------------------|---------|----------|-------|-------|-----|------|------|
| Open Access | 41 | 24 | 36 | 19 | 26 | 29 | 9 |
| Other | 24 | 8 | 5 | 13 | 4 | 5 | 11 |

Source: <https://wcs.webofknowledge.com>, 19.07.2022

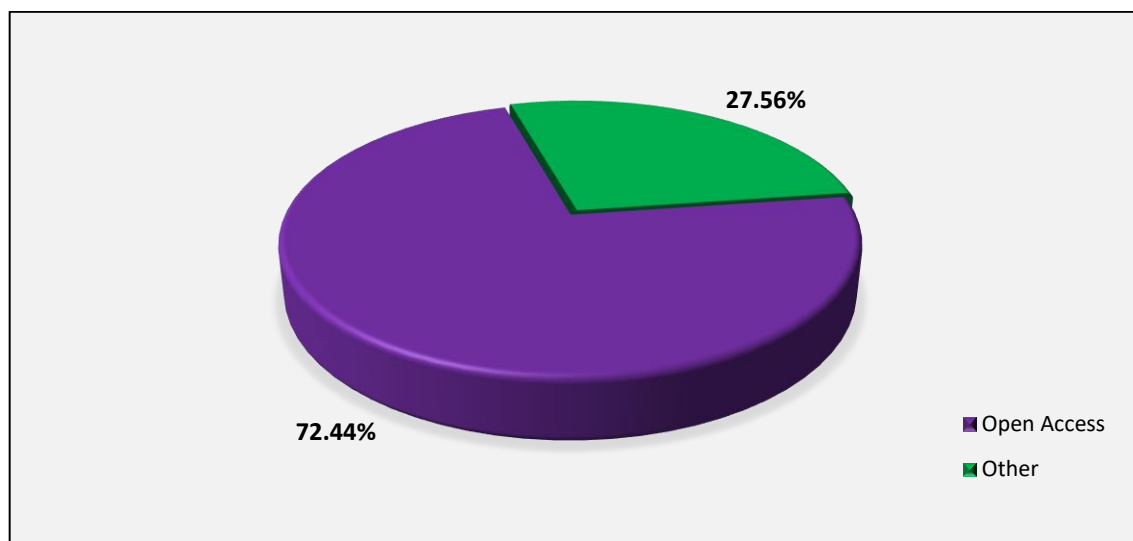


Fig. 2 Publications, by access (2022)

(Source : <https://wcs.webofknowledge.com/>, 19.07.2022)

Table 3. Cited Publications 2022, Web of Science Core Collection (01.01.2022 – 19.07.2022)

| No. | TITLE | AUTHORS | JOURNAL | TIMES CITED |
|-----|---|---|--|-------------|
| 1. | Optical solitons of nonlinear Schrodinger's equation with arbitrary dual-power law parameters | Kudryashov, Nikolay A.; Biswas, Anjan | OPTIK | 13 |
| 2. | Cubic-quartic optical soliton perturbation with complex Ginzburg-Landau equation by the enhanced Kudryashov's method | Arnous, Ahmed H.; Biswas, Anjan; Yildirim, Yakup; Zhou, Qin; Liu, Wenjun; Alshomrani, Ali S.; Alshehri, Hashim M. | CHAOS SOLITONS & FRACTALS | 6 |
| 3. | Optical solitons in the Sasa-Satsuma model with multiplicative noise via Ito calculus | Zayed, Elsayed M. E.; Shohib, Reham M. A.; Alngar, Mohamed E. M.; Biswas, Anjan; Yildirim, Yakup; Dakova, Anelia; Alshehri, Hashim M.; Belic, Milivoj R. | UKRAINIAN JOURNAL OF PHYSICAL OPTICS | 6 |
| 4. | A detailed investigation on highly dense CuZr bulk metallic glasses for shielding purposes | Tekin, Huseyin Ozan; ALMisned, Ghada; Susoy, Gulfem; Zakaly, Hesham M. H.; Issa, Shams A. M.; Kilic, Gokhan; Rammah, Yasser Saad; Lakshminarayana, Gandham; Ene, Antoaneta | OPEN CHEMISTRY | 5 |
| 5. | Structural characterization and gamma-ray attenuation properties of rice-like alpha-TeO ₂ crystalline microstructures (CMS) grown rapidly on free surface of tellurite-based glasses | ALMisned, Ghada; Kilic, Gokhan; Ilik, Erkan; Issa, Shams A. M.; Zakaly, Hesham M. H.; Badawi, Ali; Issever, U. Gokhan; Tekin, H. O.; Ene, Antoaneta | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 5 |
| 6. | Perturbation of chirped localized waves in a dual-power law nonlinear medium | Zhou, Qin; Triki, Houria; Xu, Jiakun; Zeng, Zhongliang; Liu, Wenjun; Biswas, Anjan | CHAOS SOLITONS & FRACTALS | 4 |
| 7. | Heavy metal oxide (HMO) glasses as an effective member of glass shield family: A comprehensive characterization on gamma ray shielding properties of various structures | Tekin, H. O.; Susoy, Gulfem; Issa, Shams A. M.; Ene, Antoaneta; ALMisned, Ghada; Rammah, Y. S.; Ali, Fatema T.; Algethami, Merfat; Zakaly, Hesham M. H. | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 4 |
| 8. | Magnesium-Based Alloys Used in Orthopedic Surgery | Antoniac, Iulian; Miculescu, Marian; Manescu (Paltanea), Veronica; Stere, Alexandru; Quan, Pham Hong; Paltanea, Gheorghe; Robu, Alina; Earar, Kamel | MATERIALS | 4 |
| 9. | Nasopharyngeal carcinoma: A new synthesis of literature data (Review) | Jicman (Stan), Daniela; Niculet, Elena; Lungu, Mihaela; Onisor, Cristian; Rebegea, Laura; Vesa, Doinita; Bezman, Laura; Bujoreanu, Florin Ciprian; Sarbu, Mihaela Ionela; Mihailov, Raul; Fotea, Silvia; Tatu, Alin Laurentiu | EXPERIMENTAL AND THERAPEUTIC MEDICINE | 3 |

| | | | | |
|-----|--|--|--|---|
| 10. | Diagnostic and Management of Undescended Ovary-A Preoperative Dilemma: A Case-Based Systematic Review | Stefanopol, Ioana Anca; Baroiu, Liliana; Constantin, Georgiana Bianca; Danila, Dumitru Marius; Anghel, Lucretia; Nechifor, Alexandru; Tatu, Alin Laurentiu | INTERNATIONAL JOURNAL OF WOMENS HEALTH | 3 |
| 11. | Nuclear shielding performances of borate/sodium/ potassium glasses doped with Sm-3 thorn ions | Zakaly, Hesham M. H.; Rammah, Y. S.; Tekin, H. O.; Ene, Antoaneta; Badawi, Ali; Issa, Shams A. M. | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 2 |
| 12. | Mechanical properties, elastic moduli, transmission factors, and gamma-ray-shielding performances of Bi2O3-P2O5-B2O3-V2O5 quaternary glass system | Tekin, Huseyin Ozan; ALMisned, Ghada; Rammah, Yasser Saad; Susoy, Gulfem; Ali, Fatema T.; Sen Baykal, Duygu; Zakaly, Hesham M. H.; Issa, Shams A. M.; Ene, Antoaneta | OPEN CHEMISTRY | 2 |
| 13. | Statistical analysis on the radiological assessment and geochemical studies of granite rocks in the north of Um Taghir area, Eastern Desert, Egypt | Awad, Hamdy A.; Abu El-Leil, Ibrahim; Nastavkin, Aleksey, V; Tolba, Abdellah; Kamel, Mostafa; El-Wardany, Refaey M.; Rabie, Abdalla; Ene, Antoaneta; Tekin, Huseyin O.; Issa, Shams A. M.; Zakaly, Hesham M. H. | OPEN CHEMISTRY | 2 |
| 14. | Gamma, neutron, and heavy charged ion shielding properties of Er3+-doped and Sm3+-doped zinc borate glasses | Tekin, Huseyin Ozan; ALMisned, Ghada; Zakaly, Hesham M. H.; Zamil, Abdallah; Khoucheich, Dalia; Bilal, Ghaida; Al-Sammarraie, Lubna; Issa, Shams A. M.; Al-Buriahi, Mohammed Sultan; Ene, Antoaneta | OPEN CHEMISTRY | 2 |
| 15. | Introducing the Living Lab Approach in the Coastal Area of Constanta (Romania) by Using Design Thinking | Anton, Catalin; Micu, Angela Eliza; Rusu, Eugen | INVENTIONS | 2 |
| 16. | Estimation of the Tower Shape Effect on the Stress-Strain Behavior of Wind Turbines Operating under Offshore Boundary Conditions | Diaconita, Alexandra Ionelia; Andrei, Gabriel; Rusul, Eugen | INVENTIONS | 2 |
| 17. | Transmission Factor (TF) Behavior of Bi2O3-TeO2-Na2O-TiO2-ZnO Glass System: A Monte Carlo Simulation Study | Tekin, Huseyin O.; ALMisned, Ghada; Susoy, Gulfem; Ali, Fatema T.; Baykal, Duygu Sen; Ene, Antoaneta; Issa, Shams A. M.; Rammah, Yasser S.; Zakaly, Hesham M. H. | SUSTAINABILITY | 2 |
| 18. | Benefits and adverse events of melatonin use in the elderly (Review) | Anghel, Lucretia; Baroiu, Liliana; Popazu, Corina Risca; Patras, Diana; Fotea, Silvia; Nechifor, Alexandru; Ciubara, Anamaria; Nechita, Luiza; Musat, Carmina Liana; Stefanopol, Ioana Anca; Tatu, Alin Laurentiu; Ciubara, Alexandru Bogdan | EXPERIMENTAL AND THERAPEUTIC MEDICINE | 2 |

| | | | | |
|-----|---|---|--|---|
| 19. | Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system | Triki, Houria; Zhou, Qin; Liu, Wenjun; Biswas, Anjan; Moraru, Luminita; Yildirim, Yakup; Alshehri, Hashim M.; Belic, Milivoj R. | CHAOS SOLITONS & FRACTALS | 2 |
| 20. | Quantification of Tyrosine in Pharmaceuticals with the New Biosensor Based on Laccase-Modified Polypyrrole Polymeric Thin Film | Dinu, Ancuta; Apetrei, Constantin | POLYMERS | 2 |
| 21. | Extraction of insoluble fibrous collagen for characterization and crosslinking with phenolic compounds from pomegranate byproducts for leather tanning applications | El Moujahed, Sara; Errachidi, Faouzi; Abou Oualid, Hicham; Botezatu-Dediu, Andreea-Veronica; Ouazzani Chahdi, Fouad; Kandri Rodi, Youssef; Dinica, Rodica Mihaela | RSC ADVANCES | 2 |
| 22. | The Role of D-Dimers in the Initial Evaluation of COVID-19 | Baroiu, Liliana; Lese, Ana Cristina; Stefanopol, Ioana Anca; Iancu, Alina; Dumitru, Caterina; Ciubara, Alexandru Bogdan; Bujoreanu, Florin Ciprian; Baroiu, Nicusor; Ciubara, Anamaria; Nechifor, Alexandru; Anghel, Lucretia; Tatu, Alin Laurentiu | THERAPEUTICS AND CLINICAL RISK MANAGEMENT | 2 |
| 23. | The Acoustic Performance of Expanded Perlite Composites Reinforced with Rapeseed Waste and Natural Polymers | Nastac, Silviu; Nechita, Petronela; Debeleac, Carmen; Simionescu, Cristian; Seciureanu, Mihai | SUSTAINABILITY | 2 |
| 24. | Sustainability and Social Responsibility of Romanian Sport Organizations | Barbu, Mihai Constantin Razvan; Popescu, Marius Catalin; Burcea, George Bogdan; Costin, Dan-Eugen; Popa, Marian Gabriel; Pasarin, Leonardo-Daniel; Turcu, Ioan | SUSTAINABILITY | 2 |
| 25. | Tribocorrosion Behavior of NiTi Biomedical Alloy Processed by an Additive Manufacturing Laser Beam Directed Energy Deposition Technique | Buciumeanu, Mihaela; Bagheri, Allen; Silva, Filipe Samuel; Henriques, Bruno; Lasagni, Andres F.; Shamsaei, Nima | MATERIALS | 2 |
| 26. | Investigation of flame acoustic excitation of a gas burner | Ion, Ion V.; Dimofte, Eugen; Popescu, Florin; Akhmetova, Irina G. | ENERGY REPORTS | 1 |
| 27. | Mechanical properties as well as gamma-ray attenuation competence: a wide-ranging examination into Tb ³⁺ doped boro-germanate-aluminiophosphate (BGAP) glasses | Zakaly, Hesham M. H.; Tekin, H. O.; AlMisned, Ghada; Ahmed, Emad M.; Issa, Shams A. M.; Ene, Antoaneta; Rammah, Y. S. | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 1 |
| 28. | Determination of Ascorbic Acid in Pharmaceuticals and Food Supplements with the New Potassium Ferrocyanide-Doped | Dinu, Ancuta; Apetrei, Constantin | CHEMOSENSORS | 1 |

| | | | | |
|-----|--|---|--|---|
| | Polypyrrole-Modified Platinum Electrode Sensor | | | |
| 29. | Perspectives for the Development of Sustainable Cultural Tourism | Stoica, Georgiana Daniela; Andreiana, Violeta-Andreea; Duica, Mircea Constantin; Stefan, Maria-Cristina; Susanu, Irina Olimpia; Coman, Mihaela Denisa; Iancu, Dorin | SUSTAINABILITY | 1 |
| 30. | Investigation on Functional, Thermo-Mechanical and Bread-Making Properties of Some White and Black Rice Flours | Banu, Iuliana; Aprodu, Iuliana | APPLIED SCIENCES-BASEL | 1 |
| 31. | Binary contributions of Dy ³⁺ ions on the mechanical and radiation resistance properties of oxyfluoroborotellurite Dy-x-glasses | Rammah, Y. S.; Issa, Shams A. M.; Tekin, H. O.; Badawi, Ali; Ene, Antoaneta; Zakaly, Hesham M. H. | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 1 |
| 32. | Highly dispersive optical solitons in birefringent fibers having Kerr law of refractive index by Laplace-Adomian decomposition | Gonzalez-Gaxiola, O.; Biswas, Anjan; Yildirim, Yakup; Alshehri, Hashim M. | OPTIK | 1 |
| 33. | Highly dispersive optical solitons and conservation laws in absence of self-phase modulation with new Kudryashov's approach | Arnous, Ahmed H.; Biswas, Anjan; Kara, Abdul H.; Yildirim, Yakup; Alshehri, Hashim M.; Belic, Milivoj R. | PHYSICS LETTERS A | 1 |
| 34. | Dynamic Behavior of the Inertial Platform Related to the Research Facility Building Laser and Gamma at ELI-NP Bucharest | Bratu, Polidor; Goanta, Adrian Mihai; Dragan, Nicusor; Vlase, Sorin; Itu, Calin; Nicolae, George Lucian; Iacovescu, Samir | SYMMETRY-BASEL | 1 |
| 35. | Supporting the tourism management decisions under the pandemic's impact. A new working instrument | Ionescu, Romeo Victor; Zlati, Monica Laura; Antohi, Valentin Marian; Stanciu, Silviu; Burciu, Aurel; Kicsi, Rozalia | ECONOMIC RESEARCH-EKONOMSKA ISTRAZIVANJA | 1 |
| 36. | Electrochemically obtained Al ₂ O ₃ nanoporous layers with increased anticorrosive properties of aluminum alloy | Benea, Lidia; Simionescu-Bogatu, Nicoleta; Chiriac, Roxana | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 1 |
| 37. | On the existence of chirped algebraic solitary waves in optical fibers governed by Kundu-Eckhaus equation | Triki, Houria; Sun, Yunzhou; Biswas, Anjan; Zhou, Qin; Yildirim, Yakup; Zhong, Yu; Alshehri, Hashim M. M. | RESULTS IN PHYSICS | 1 |
| 38. | Healthcare Management: A Bibliometric Analysis Based on the Citations of Research Articles Published between 1967 and 2020 | Paduraru, Oana; Morosanu, Alina; Paduraru, Calin Stefan; Carausu, Elena Mihaela | HEALTHCARE | 1 |
| 39. | Review on Study Methods for Reciprocally Enwrapping Surfaces | Morosanu, Georgiana Alexandra; Baroiu, Nicusor; Teodor, Virgil Gabriel; Paunoiu, Viorel; Oancea, Nicolae | INVENTIONS | 1 |

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|-----|--|---|------------------------|---|
| 40. | An Analysis of the Wind Parameters in the Western Side of the Black Sea | Nedelcu, Laura-Ionela; Rusu, Eugen | INVENTIONS | 1 |
| 41. | Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology | Fertu, Daniela Ionela; Bulgariu, Laura; Gavrilesu, Maria | PROCESSES | 1 |
| 42. | A Review on Electrochemical Sensors and Biosensors Used in Assessing Antioxidant Activity | Munteanu, Irina Georgiana; Apetrei, Constantin | ANTIOXIDANTS | 1 |
| 43. | Dynamic Performances of Technological Vibrating Machines | Bratu, Polidor; Dragan, Nicusor; Dobrescu, Cornelia | SYMMETRY-BASEL | 1 |
| 44. | Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburg-Landau Equation by Semi-Inverse Variation | Biswas, Anjan; Berkemeyer, Trevor; Khan, Salam; Moraru, Luminita; Yildirim, Yakup; Alshehri, Hashim M. | MATHEMATICS | 1 |
| 45. | The Effect of Sodium Total Substitution on the Quality Characteristics of Green Pickled Tomatoes (<i>Solanum lycopersicum</i> L.) | Mocanu, Gabriel-Danut; Nistor, Oana-Viorela; Constantin, Oana Emilia; Andronoiu, Doina Georgeta; Barbu, Viorica Vasilica; Botez, Elisabeta | MOLECULES | 1 |
| 46. | Bright solitons with anti-cubic and generalized anti-cubic nonlinearities in an optical fiber | Muniyappan, Annamalai; Hemamalini, Devanathan; Akila, Ethirasan; Elakkiya, Vajravel; Anitha, Subramaniyan; Devadharshini, Sakthivel; Biswas, Anjan; Yddirim, Yakup; Alshehri, Hashim M. | OPTIK | 1 |
| 47. | European tech startups' responses to the COVID-19 pandemic: integrating McKinsey's 5R's paradigm and the Newtonian gravitational field | Dragan, George Bogdan; Bleoju, Gianita; Capatina, Alexandru; Woodside, Arch | MANAGEMENT DECISION | 1 |
| 48. | Nano-Architectonics of Antibiotic-Loaded Polymer Particles as Vehicles for Active Molecules | Forna, Norin; Damir, Daniela; Duceac, Letitia Doina; Dabija, Marius Gabriel; Calin, Gabriela; Ichim, Daniela Luminita; Gutu, Cristian; Grierosu, Carmen; Eva, Lucian; Ciuhodaru, Madalina Irina; Goroftei, Elena Roxana Bogdan; Banu, Elena Ariela; Stafie, Liviu; Gabriela, Ciolpan; Mitrea, Geta; Marcu, Constantin | APPLIED SCIENCES-BASEL | 1 |
| 49. | Beetroot By-Product as a Functional Ingredient for Obtaining Value-Added Mayonnaise | Lazar, Silvia; Constantin, Oana Emilia; Horincar, Georgiana; Andronoiu, Doina Georgeta; Stanciuc, Nicoleta; Muresan, Claudia; Rapeanu, Gabriela | PROCESSES | 1 |

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|-----|---|--|--|---|
| 50. | Trace Element Geochemistry and Genesis of Beryl from Wadi Nugrus, South Eastern Desert, Egypt | Abdel Gawad, Ahmed E.; Ene, Antoaneta; Skublov, Sergey G.; Gavrilchik, Alexandra K.; Ali, Mohamed A.; Ghoneim, Mohamed M.; Nastavkin, Aleksey V. | MINERALS | 1 |
| 51. | A Review of Sensors and Biosensors Modified with Conducting Polymers and Molecularly Imprinted Polymers Used in Electrochemical Detection of Amino Acids: Phenylalanine, Tyrosine, and Tryptophan | Dinu, Ancuta; Apetrei, Constantin | INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES | 1 |
| 52. | Morphological and morphometric changes in the Purkinje cells of patients with essential tremor | Mavroudis, Ioannis; Kazis, Dimitrios; Petridis, Foivos; Chatzikonstantinou, Simela; Karantali, Eleni; Njau, Samuel; Costa, Vasiliki; Ciobica, Alin; Trus, Constantin; Balmus, Ioana; Baloyannis, Stavros | EXPERIMENTAL AND THERAPEUTIC MEDICINE | 1 |
| 53. | Wave-influenced deposition of carbonate-rich sediment on the insular shelf of Santa Maria Island, Azores | Zhao, Zhongwei; Mitchell, Neil C.; Quartau, Rui; Moreira, Sandra; Rusu, Liliana; Melo, Carlos S.; Avila, Sergio P.; Das, Diya; Afonso, Pedro; Pombo, Joaquim; Duarte, Joao; Rodrigues, Aurora | SEDIMENTOLOGY | 1 |
| 54. | New Strategies for the Total/Partial Replacement of Conventional Sodium Nitrite in Meat Products: a Review | Stoica, Maricica; Antohi, Valentin Marian; Alexe, Petru; Ivan, Angela Stela; Stanciu, Silviu; Stoica, Dimitrie; Zlati, Monica Laura; Stuparu-Cretu, Mariana | FOOD AND BIOPROCESS TECHNOLOGY | 1 |
| 55. | EFFECT OF THE APPLIED CURRENT DENSITY AND DEPOSITION TIME ON ELECTRO-CODEPOSITION PROCESS OF COBALT MATRIX REINFORCED WITH NANO-CeO ₂ | Simionescu-Bogatu, N.; Benea, L. | ARCHIVES OF METALLURGY AND MATERIALS | 1 |
| 56. | MINERALOGY AND RADIOACTIVITY LEVEL OF THE NEW OCCURRENCE OF ILMENITE BEARING GABBRO AT ABU MURRAT, NORTHEASTERN DESERT, EGYPT | Awad, Hamdy A.; Abu El-Leil, Ibrahim; El-Wardany, Refaey M.; Ene, Antoaneta; Tolba, Abdallah; Kamel, Mostafa; Nastavkin, Aleksey; Zakaly, Hesham M. H. | ROMANIAN JOURNAL OF PHYSICS | 1 |
| 57. | Physical characterization and crystallization kinetics of amorphous BiSe chalcogenide glasses | Ahmad, Mahmoud; Aly, K. A.; Dahshan, A.; Saddeek, Y.; Zakaly, Hesham M. H.; Abd Elnaeim, A. M.; Ene, Antoaneta | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T | 1 |
| 58. | New approach for regulation of the internal recirculation flow rate by fuzzy logic in biological wastewater treatments | Santin, I; Vilanova, R.; Pedret, C.; Barbu, M. | ISA TRANSACTIONS | 1 |

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|-----|---|---|--------------|---|
| 59. | Numerical Simulation of Cubic-Quartic Optical Solitons with Perturbed Fokas-Lenells Equation Using Improved Adomian Decomposition Algorithm | Al-Qarni, Alyaa A.; Bakodah, Huda O.; Alshaery, Aisha A.; Biswas, Anjan; Yildirim, Yakup; Moraru, Luminita; Moldovanu, Simona | MATHEMATICS | 1 |
| 60. | Thermal Stability and Inhibitory Action of Red Grape Skin Phytochemicals against Enzymes Associated with Metabolic Syndrome | Serea, Daniela; Condurache, Nina Nicoleta; Aprodu, Iuliana; Constantin, Oana Emilia; Bahrim, Gabriela-Elena; Stanciuc, Nicoleta; Stanciu, Silviu; Rapeanu, Gabriela | ANTIOXIDANTS | 1 |
| 61. | A High-Gain Multiphase Interleaved Differential Capacitor Clamped Boost Converter | Raveendhra, Dogga; Rajana, Poojitha; Kumar, Kalamchety Srinivasa Ravi; Jugge, Praveen; Devarapalli, Ramesh; Rusu, Eugen; Fayek, Hady H. | ELECTRONICS | 1 |

(Source: <https://wcs.webofknowledge.com/>, 19.07.2022)

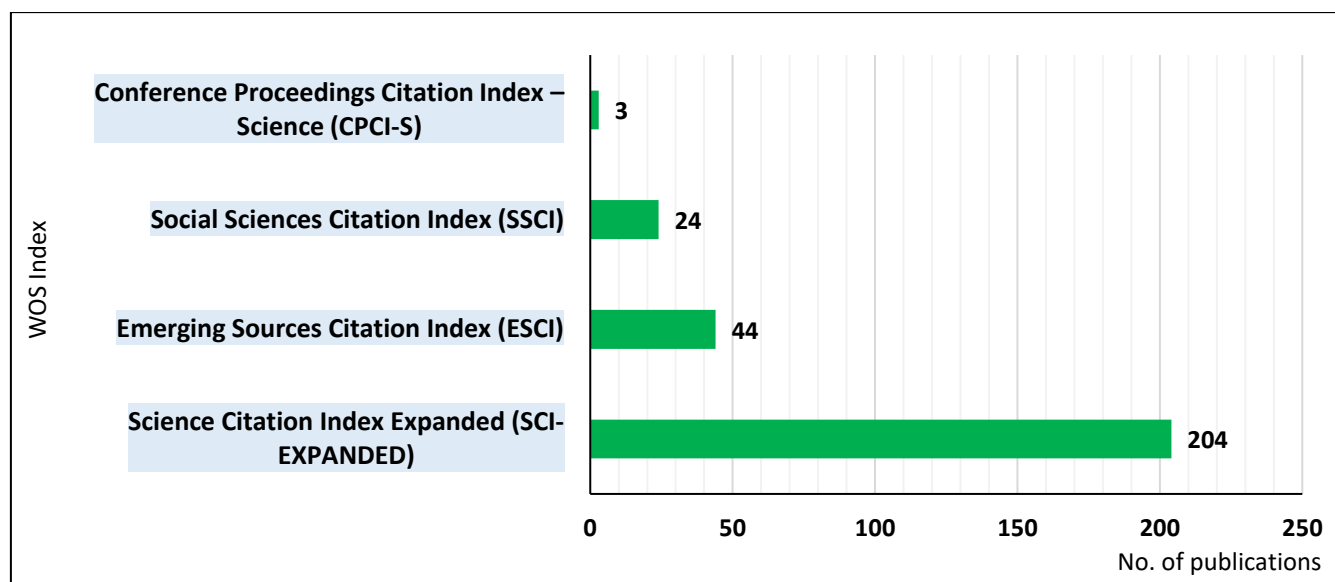


Fig. 3 Publications by Web of Science Index (2022)
 (Source : <https://wcs.webofknowledge.com/>, 19.07.2022)

Table 4. TOTAL PUBLICATIONS 2022 BY RESEARCH AREAS

| No. | Research Areas | Record count July 19, 2022 | % of 254 |
|------------|--------------------------------------|---------------------------------------|-----------------|
| 1. | Engineering | 45 | 17.72% |
| 2. | Chemistry | 41 | 16.14% |
| 3. | Materials Science | 40 | 15.75% |
| 4. | Physics | 31 | 12.21% |
| 5. | Metallurgy Metallurgical Engineering | 22 | 8.66% |
| 6. | Optics | 19 | 7.48% |
| 7. | Research Experimental Medicine | 19 | 7.48% |
| 8. | Science Technology Other Topics | 18 | 7.09% |
| 9. | Environmental Sciences Ecology | 15 | 5.91% |
| 10. | Neurosciences Neurology | 14 | 5.51% |
| 11. | Biochemistry Molecular Biology | 12 | 4.72% |
| 12. | Food Science Technology | 12 | 4.72% |
| 13. | General Internal Medicine | 12 | 4.72% |
| 14. | Mathematics | 12 | 4.72% |
| 15. | Pharmacology Pharmacy | 9 | 3.54% |
| 16. | Polymer Science | 9 | 3.54% |
| 17. | Business Economics | 7 | 2.76% |
| 18. | Health Care Sciences Services | 7 | 2.76% |
| 19. | Agriculture | 5 | 1.97% |
| 20. | Energy Fuels | 4 | 1.58% |
| 21. | Oceanography | 4 | 1.58% |
| 22. | Computer Science | 3 | 1.18% |
| 23. | Geology | 3 | 1.18% |

| | | | |
|-----|--|---|-------|
| 24. | Public Environmental Occupational Health | 3 | 1.18% |
| 25. | Rehabilitation | 3 | 1.18% |
| 26. | Acoustics | 2 | 0.79% |
| 27. | Dentistry Oral Surgery Medicine | 2 | 0.79% |
| 28. | Electrochemistry | 2 | 0.79% |
| 29. | Instruments Instrumentation | 2 | 0.79% |
| 30. | Nutrition Dietetics | 2 | 0.79% |
| 31. | Pediatrics | 2 | 0.79% |
| 32. | Plant Sciences | 2 | 0.79% |
| 33. | Automation Control Systems | 1 | 0.39% |
| 34. | Biotechnology Applied Microbiology | 1 | 0.39% |
| 35. | Dermatology | 1 | 0.39% |
| 36. | Education Educational Research | 1 | 0.39% |
| 37. | Genetics Heredity | 1 | 0.39% |
| 38. | Geochemistry Geophysics | 1 | 0.39% |
| 39. | Imaging Science Photographic Technology | 1 | 0.39% |
| 40. | Immunology | 1 | 0.39% |
| 41. | Infectious Diseases | 1 | 0.39% |
| 42. | Mechanics | 1 | 0.39% |
| 43. | Microbiology | 1 | 0.39% |
| 44. | Mineralogy | 1 | 0.39% |
| 45. | Mining Mineral Processing | 1 | 0.39% |
| 46. | Nuclear Science Technology | 1 | 0.39% |
| 47. | Obstetrics Gynecology | 1 | 0.39% |
| 48. | Oncology | 1 | 0.39% |

| | | | |
|-----|------------------------------|---|-------|
| 49. | Psychiatry | 1 | 0.39% |
| 50. | Social Sciences Other Topics | 1 | 0.39% |
| 51. | Spectroscopy | 1 | 0.39% |
| 52. | Telecommunications | 1 | 0.39% |
| 53. | Water Resources | 1 | 0.39% |

(Source: <https://wcs.webofknowledge.com/>, 19.07.2022)

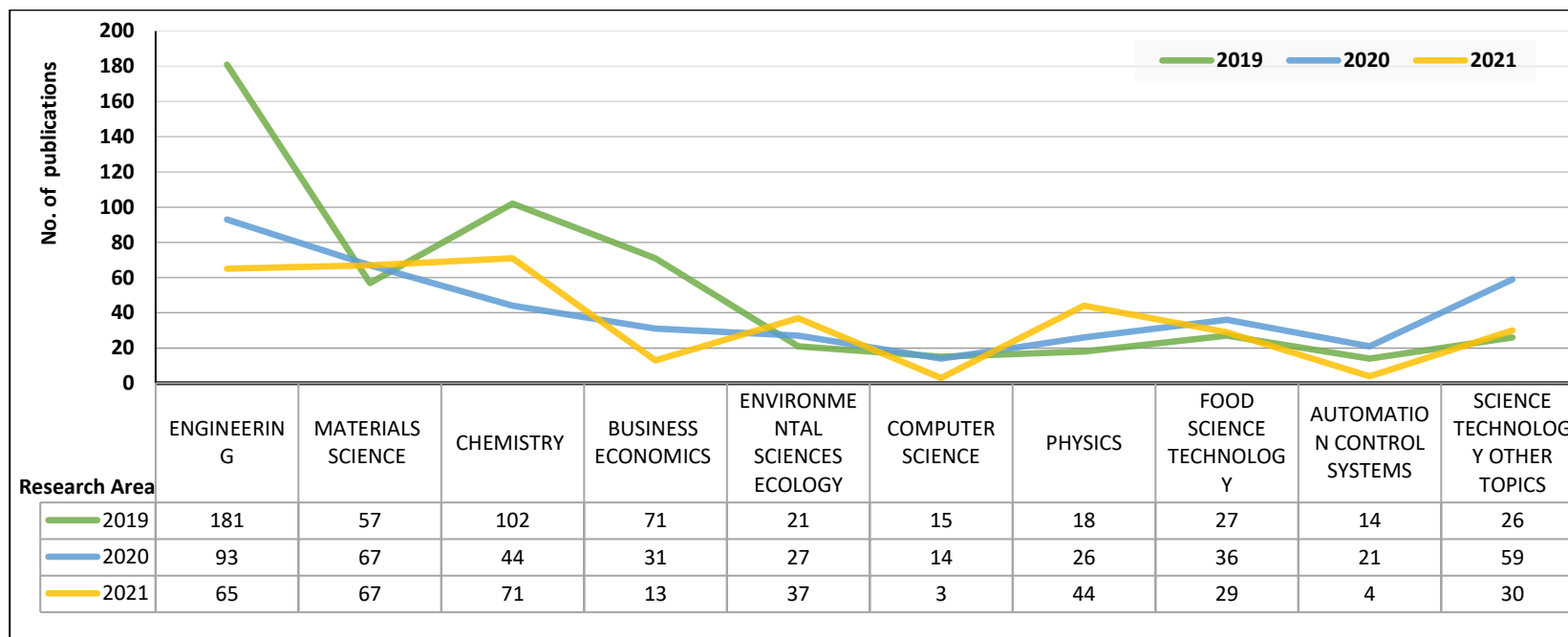


Fig. 4 Top 10 Research Areas, 2019 - 2021 (by Record Count)
(Source : <https://wcs.webofknowledge.com/>, 19.07.2022)

Table 5. DOCUMENTSM BY TYPE (01.01.2021 - 19.07.2022)

| Document type | Record Count July 19, 2022 |
|--------------------------------|----------------------------|
| Article | 226 |
| Review | 21 |
| from wich: Early Access | 5 |
| Other | 7 |

(Source: <https://wcs.webofknowledge.com/>, 19.07.2022)

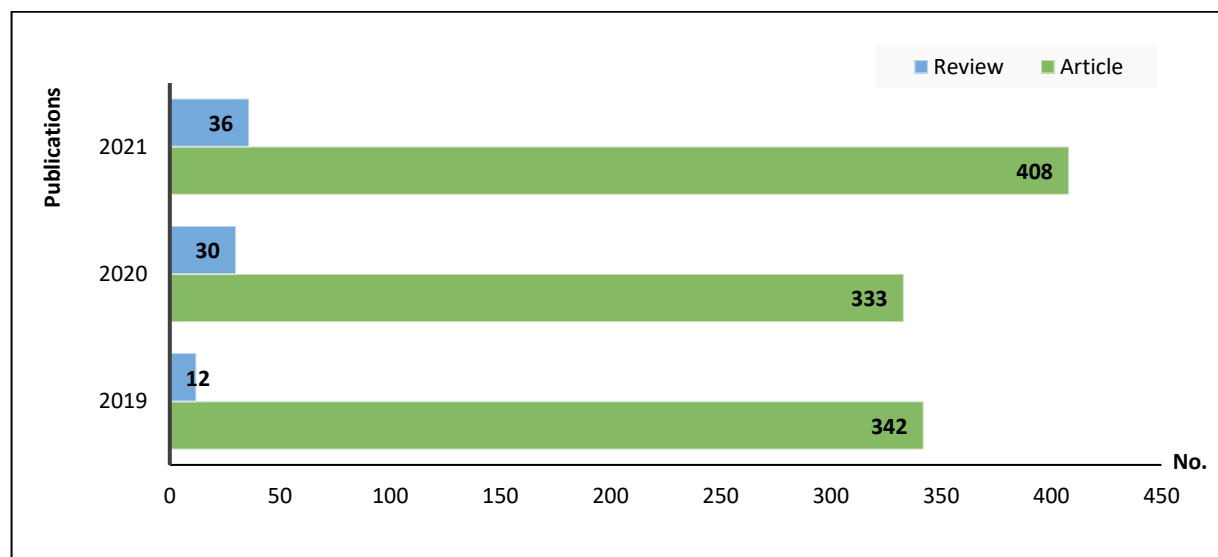


Fig. 5 Publications, by document type (2019 - 2021)
 (Source: <https://wcs.webofknowledge.com/>, 19.07.2022)

Table 6. Top 10 PUBLICATION TITLES 2022 (01.01.2021 - 19.07.2021)

| No. | Publication Titles | Impact Factor (2021) | Record count July 19, 2022 |
|-----|--|----------------------|----------------------------|
| 1. | EXPERIMENTAL AND THERAPEUTIC MEDICINE | 2.751 | 18 |
| 2. | BRAIN BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE | - | 13 |
| 3. | APPLIED SCIENCES BASEL | 2.838 | 12 |
| 4. | SUSTAINABILITY | 3.889 | 10 |
| 5. | INVENTIONS | - | 9 |
| 6. | OPTIK | 2.840 | 9 |
| 7. | JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY JMR T | 6.267 | 8 |
| 8. | MATERIALS | 3.748 | 7 |
| 9. | OPEN CHEMISTRY | 1.977 | 7 |
| 10. | ARCHIVES OF METALLURGY AND MATERIALS | 0.633 | 6 |

(Source: <https://wcs.webofknowledge.com/>, 19.07.2022)