

Raport tehnic: Iunie 2022

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

**15 Iunie 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

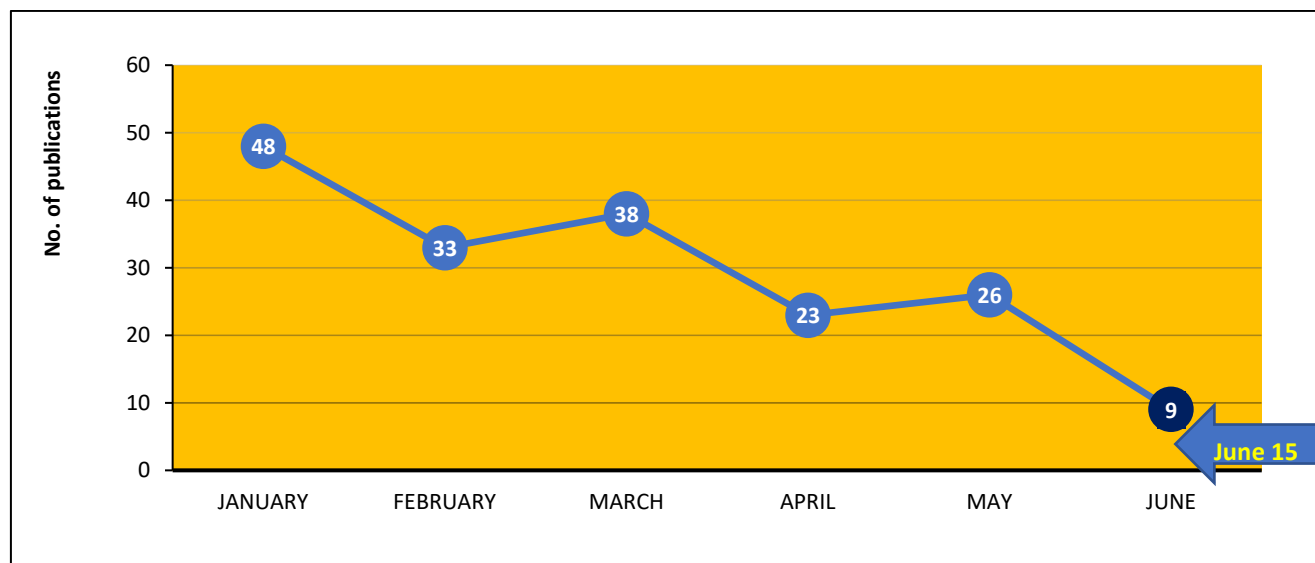
**Rezultate înregistrate în** *Web of Science Core Collection*, criteriile de căutare după „Affiliation”, „Dunarea de Jos University Galati”

**Întocmit:** Colectiv CCDI/15.06.2022

Table 1. CITATION REPORT

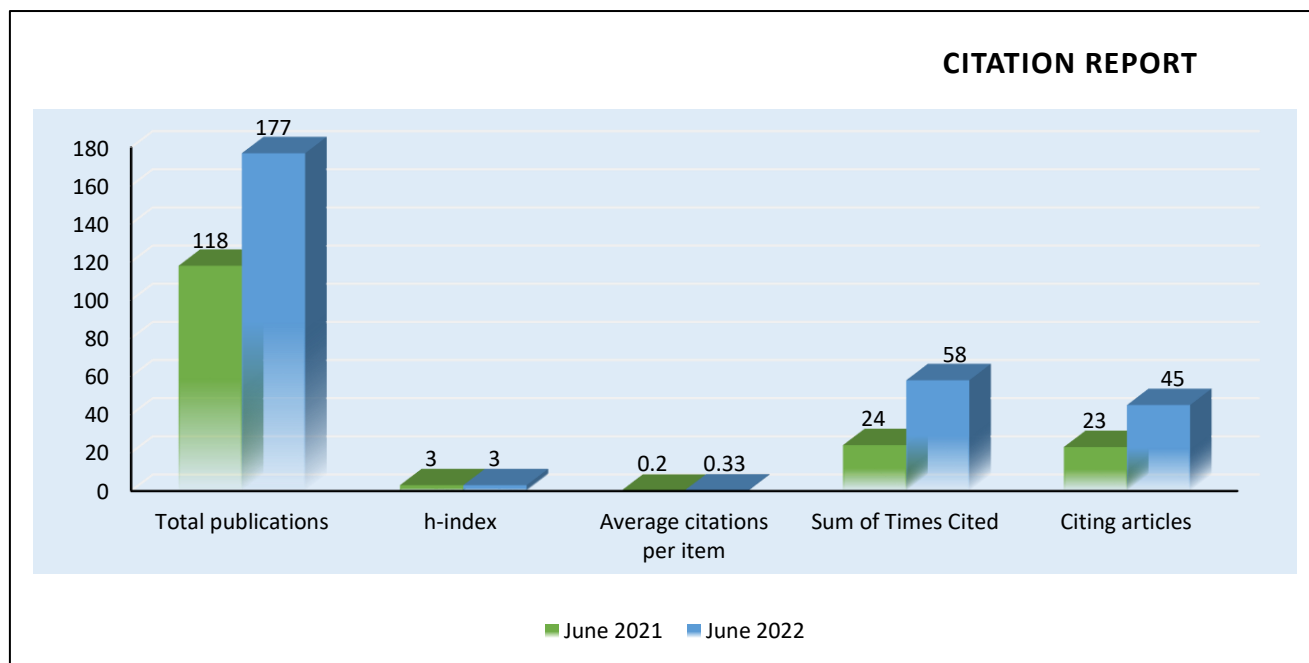
Nr. crt.	Citation Report	Total publications UDJG	01.01.2022 – 15.06.2022
1.	<b>Total publications</b>	<b>5.656</b>	<b>177</b>
2.	h-index	62	3
3.	Average citations per item	5,6	0,33
4.	<b>Sum of Times Cited</b>	<b>31.674</b>	<b>58</b>
	Without self-citations	24.987	41
5.	Citing articles	23.388	45
	Without self-citations	21.303	34

(Source: <https://wcs.webofknowledge.com>, 15.06.2022)



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

(Source: <https://wcs.webofknowledge.com>, 15.06.2022)

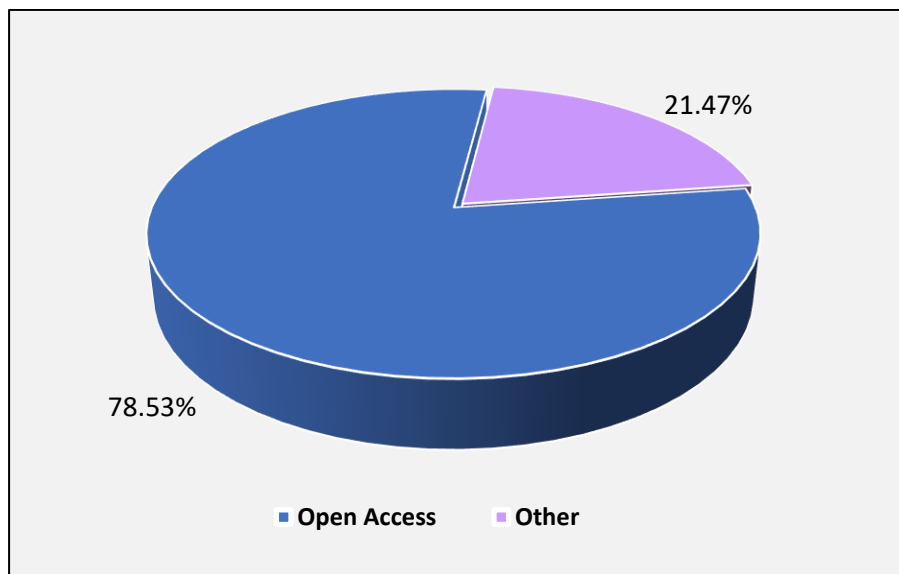


**Fig. 2** Publications and citations Jan.-June 2021 vs Jan.-June 2022  
 (Source: <https://wcs.webofknowledge.com>, 15.06.2022)

**Table 2. PUBLICATIONS BY ACCESS TYPE 2022**

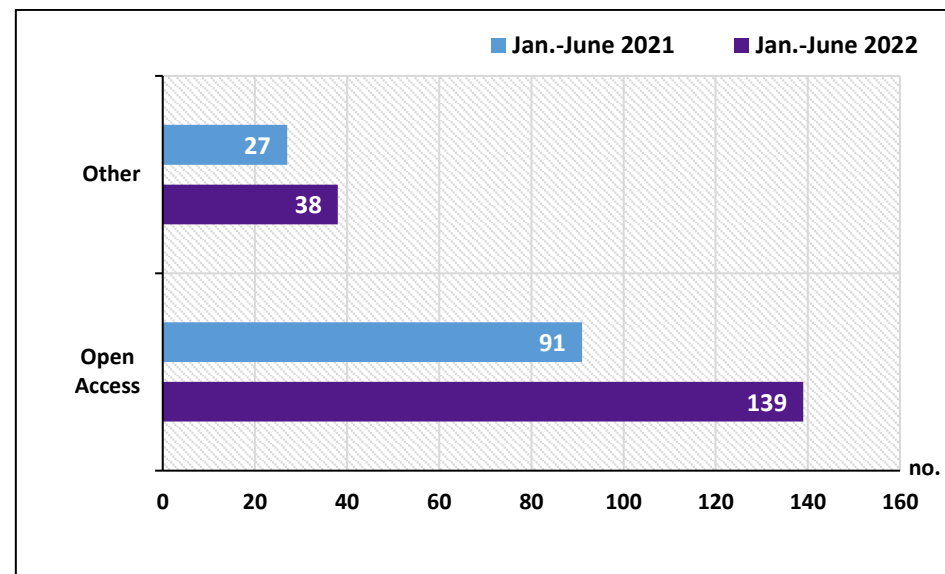
Document access type	January	February	March	April	May	June
Open Access	34	25	34	18	24	4
Other	14	8	4	5	2	5

Source: <https://wcs.webofknowledge.com>, 15.06.2022



**Fig. 3** Publications, by access (2022)

(Source : <https://wcs.webofknowledge.com/>, 15.06.2022)



**Fig. 4** Publications by access Jan.-June, 2021 vs. 2022

(Source : <https://wcs.webofknowledge.com/>, 15.06.2022)

**Table 3. Cited Publications 2022, Web of Science Core Collection (01.01.2022 – 15.06.2022)**

No.	TITLE	AUTHORS	JOURNAL	TIMES CITED
1.	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
2.	Optical solitons of nonlinear Schrodinger's equation with arbitrary dual-power law parameters	Kudryashov, Nikolay A.; Biswas, Anjan	OPTIK	5

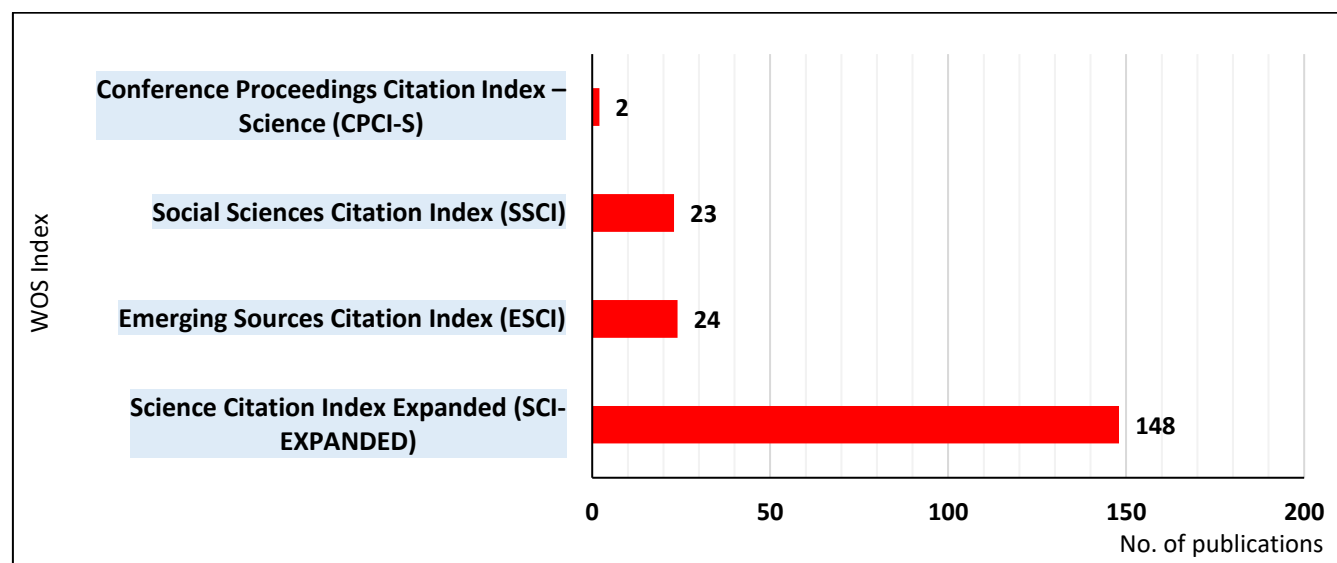
3.	Structural characterization and gamma-ray attenuation properties of rice-like alpha-TeO <sub>2</sub> crystalline microstructures (CMS) grown rapidly on free surface of tellurite-based glasses	ALMisned, Ghada; Kilic, Gokhan; Ilik, Erkan; Issa, Shams A. M.; Zakaly, Hesham M. H.; Badawi, Ali; Issever, U. Gokhan; Tekin, H. O.; Ene, Antoaneta	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	5
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	3
5.	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	2
6.	Gamma, neutron, and heavy charged ion shielding properties of Er <sup>3+</sup> -doped and Sm <sup>3+</sup> -doped zinc borate glasses	Tekin, Huseyin Ozan; ALMisned, Ghada; Zakaly, Hesham M. H.; Zamil, Abdallah; Khoucheich, Dalia; Bilal, Ghaida; Al-Sammaraie, Lubna; Issa, Shams A. M.; Al-Buriahi, Mohammed Sultan; Ene, Antoaneta	OPEN CHEMISTRY	2
7.	Transmission Factor (TF) Behavior of Bi <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -Na <sub>2</sub> O-TiO <sub>2</sub> -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
8.	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
9.	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
10.	Quantification of Tyrosine in Pharmaceuticals with the New Biosensor Based on Laccase-Modified Polypyrrole Polymeric Thin Film	Dinu, Ancuta; Apetrei, Constantin	POLYMERS	2
11.	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	2

12.	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
13.	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	1
14.	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
15.	Mechanical properties, elastic moduli, transmission factors, and gamma-ray-shielding performances of Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> -V <sub>2</sub> O <sub>5</sub> 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	1
16.	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	1
17.	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
18.	Introducing the Living Lab Approach in the Coastal Area of Constanta (Romania) by Using Design Thinking	Anton, Catalin; Micu, Angela Eliza; Rusu, Eugen	INVENTIONS	1
19.	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	1
20.	Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology	Fertu, Daniela Ionela; Bulgariu, Laura; Gavrilesco, Maria	PROCESSES	1
21.	Dynamic Performances of Technological Vibrating Machines	Bratu, Polidor; Dragan, Nicusor; Dobrescu, Cornelia	SYMMETRY-BASEL	1
22.	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

23.	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
24.	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
25.	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
26.	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
27.	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, Silvius; Stoica, Dimitrie; Zlati, Monica Laura; Stuparu-Cretu, Mariana	FOOD AND BIOPROCESS TECHNOLOGY	1
28.	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
29.	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
30.	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	1
31.	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	1

32.	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	1
33.	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
34.	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	1
35.	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	1

(Source: <https://wcs.webofknowledge.com/>, 15.06.2022)



**Fig. 5** Publications by Web of Science Index (2022)  
 (Source : <https://wcs.webofknowledge.com/>, 15.06.2022)



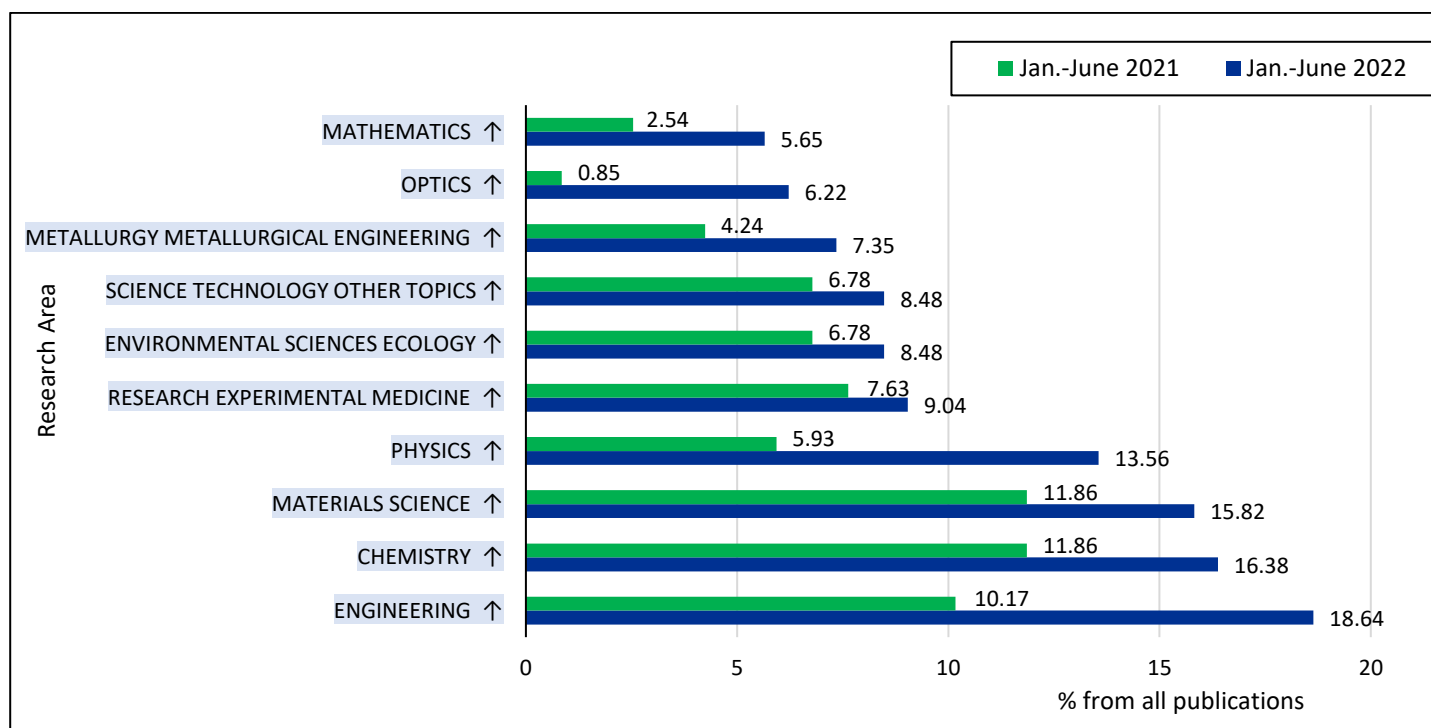
**Table 4. TOTAL PUBLICATIONS 2022 BY RESEARCH AREAS**

No.	Research Areas	Record count June 15, 2022	% of 177
1.	Engineering	33	18.64%
2.	Chemistry	29	16.38%
3.	Materials Science	28	15.82%
4.	Physics	24	13.56%
5.	Research Experimental Medicine	16	9.04%
6.	Environmental Sciences Ecology	15	8.48%
7.	Science Technology Other Topics	15	8.48%
8.	Metallurgy Metallurgical Engineering	13	7.35%
9.	Optics	11	6.22%
10.	Mathematics	10	5.65%
11.	Polymer Science	8	4.52%
12.	Biochemistry Molecular Biology	7	3.96%
13.	Food Science Technology	7	3.96%
14.	General Internal Medicine	7	3.96%
15.	Business Economics	6	3.39%
16.	Health Care Sciences Services	6	3.39%
17.	Neurosciences Neurology	6	3.39%
18.	Pharmacology Pharmacy	6	3.39%
19.	Agriculture	4	2.26%
20.	Energy Fuels	3	1.70%
21.	Public Environmental Occupational Health	3	1.70%
22.	Acoustics	2	1.13%

23.	Computer Science	2	1.13%
24.	Electrochemistry	2	1.13%
25.	Instruments Instrumentation	2	1.13%
26.	Oceanography	2	1.13%
27.	Pediatrics	2	1.13%
28.	Automation Control Systems	1	0.57%
29.	Biotechnology Applied Microbiology	1	0.57%
30.	Education Educational Research	1	0.57%
31.	Genetics Heredity	1	0.57%
32.	Geochemistry Geophysics	1	0.57%
33.	Geology	1	0.57%
34.	Imaging Science Photographic Technology	1	0.57%
35.	Infectious Diseases	1	0.57%
36.	Mechanics	1	0.57%
37.	Microbiology	1	0.57%
38.	Mineralogy	1	0.57%
39.	Mining Mineral Processing	1	0.57%
40.	Nuclear Science Technology	1	0.57%
41.	Nutrition Dietetics	1	0.57%
42.	Obstetrics Gynecology	1	0.57%
43.	Oncology	1	0.57%
44.	Plant Sciences	1	0.57%
45.	Psychiatry	1	0.57%
46.	Rehabilitation	1	0.57%
47.	Social Sciences Other Topics	1	0.57%

48.	Spectroscopy	1	0.57%
49.	Telecommunications	1	0.57%
50.	Water Resources	1	0.57%

(Source: <https://wcs.webofknowledge.com/>, 15.06.2022)



**Fig. 6** Publications by Research Areas, Jan.-June, 2021 vs 2022 (% , more than 5%)

(Source : <https://wcs.webofknowledge.com/>, 15.06.2022)

Table 5. DOCUMENTSM BY TYPE (01.01.2021 - 15.06.2022)

Document type	Record Count June 15, 2022
Article	156
Review	16
from wich: <b>Early Access</b>	4
Other	5

(Source: <https://wcs.webofknowledge.com/>, 15.06.2022)

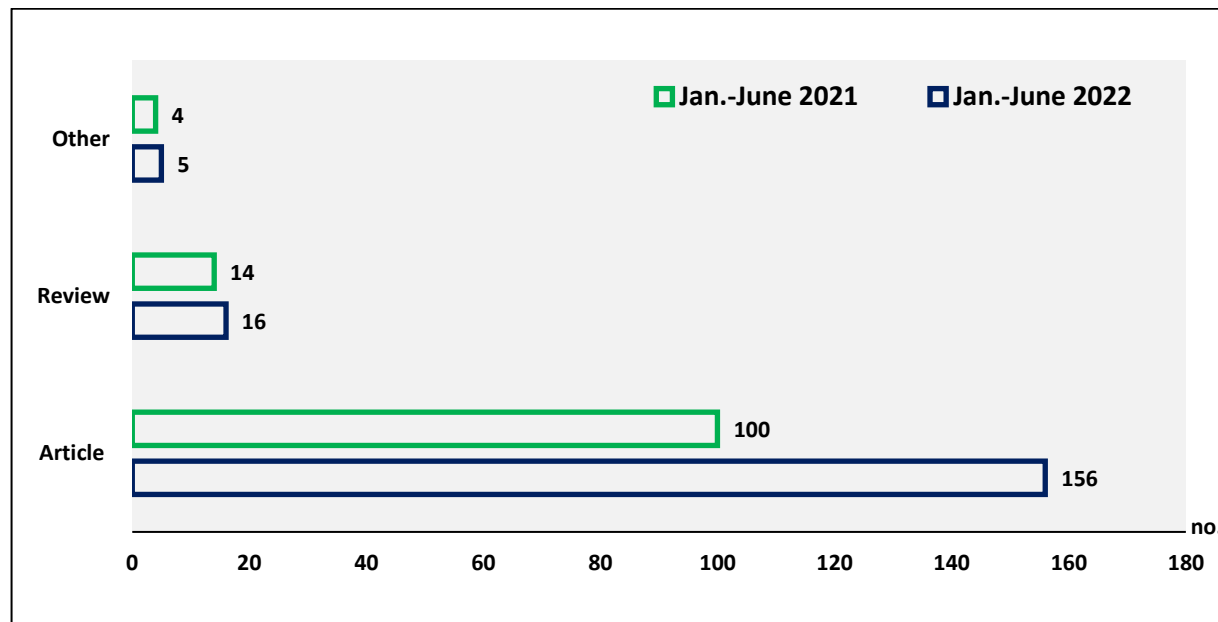
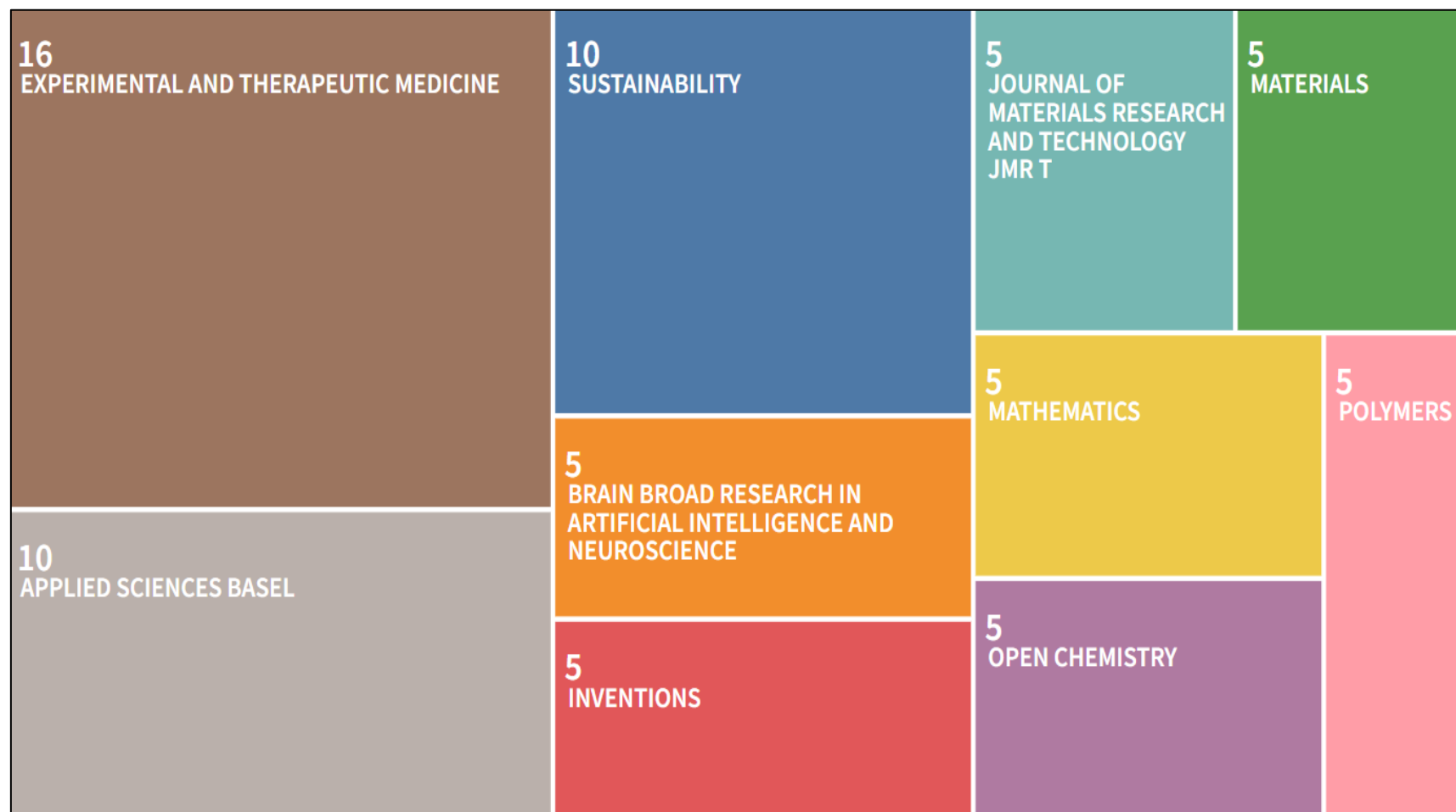


Fig. 7 Publications, by document type (Jan.-June 2021 vs. 2022)  
 (Source: <https://wcs.webofknowledge.com/>, 15.06.2022)



**Fig. 8** Top 10 Publications 2022, by Fields/Web of Science Categories  
(Source: <https://wcs.webofknowledge.com/>, 15.06.2022)