

Raport tehnic: Noiembrie 2022

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

**15 Noiembrie 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/15.11.2022

Table 1. CITATION REPORT

Nr. crt.	Citation Report	Total publications UDJG	01.01.2022 – 15.11.2022
1.	<b>Total publications</b>	<b>5.927</b>	<b>426</b>
2.	h-index	64	8
3.	Average citations per item	5,89	0,88
4.	<b>Sum of Times Cited</b>	<b>34.939</b>	<b>379</b>
	Without self-citations	27.607	269
5.	Citing articles	25.729	309
	Without self-citations	23.437	233

(Source: <https://wcs.webofknowledge.com>, 15.11.2022)

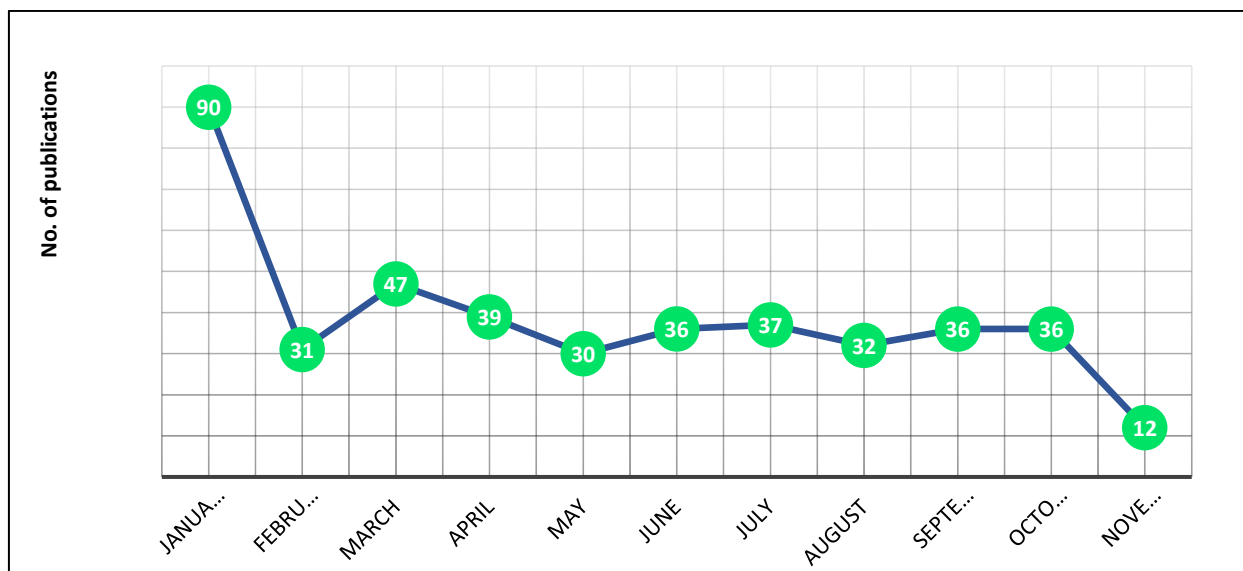


Fig. 1 Publications "Dunărea de Jos" University of Galați - Web of Science (2022)

(Source: <https://wcs.webofknowledge.com>, 15.11.2022)

Table 2. PUBLICATIONS BY ACCESS TYPE 2022

Document access type	01 Jan. – 15 November 2022
Open Access	315
Other	111
Source: <a href="https://wcs.webofknowledge.com">https://wcs.webofknowledge.com</a> , 15.11.2022	

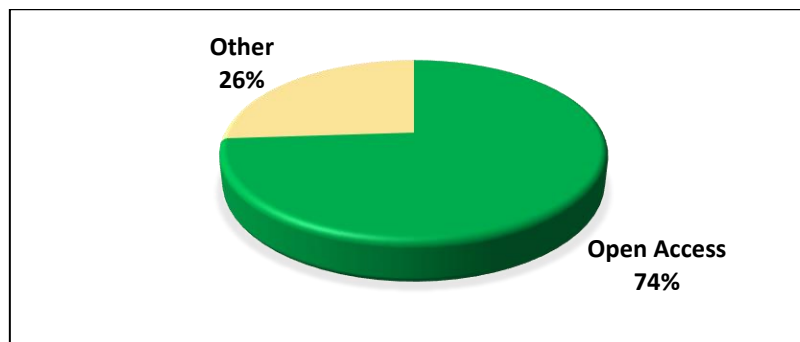


Fig. 2 Publications, by access (2022)

(Source : <https://wcs.webofknowledge.com/>, 15.11.2022)

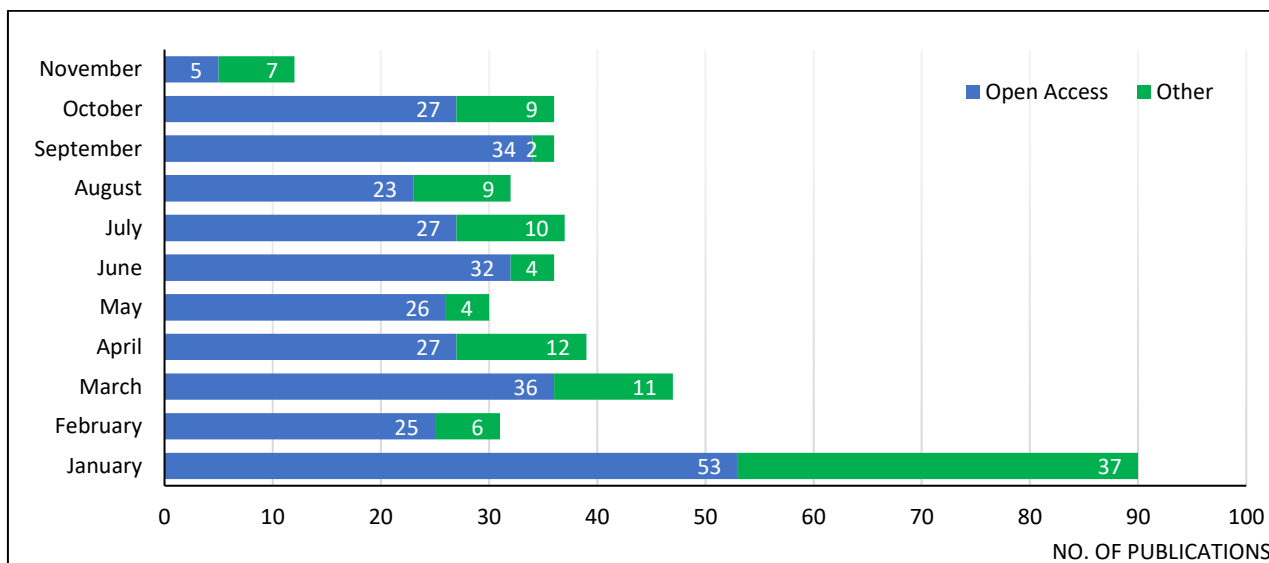


Fig. 3 Distribution of publications, by access (2022)

(Source : <https://wcs.webofknowledge.com/>, 15.11.2022)

Table 3. Most cited Publications 2022, Web of Science Core Collection, >4 times cited (01.01.2022 – 15.11.2022)

No.	TITLE/ AUTHORS	JOURNAL	TIMES CITED
1.	<b>Perturbation of chirped localized waves in a dual-power law nonlinear medium</b> By: Zhou, Qin; Triki, Houria; Xu, Jiakun; Zeng, Zhongliang; Liu, Wenjun; Biswas, Anjan	<b>CHAOS SOLITONS &amp; FRACTALS</b> Impact Factor (2021): 9.922 (Q1) DOI: 10.1016/j.chaos.2022.112198 Published: JUL 2022 Document Type:Article	22
2.	<b>Optical solitons of nonlinear Schrodinger's equation with arbitrary dual-power law parameters</b> By: Kudryashov, Nikolay A.; Biswas, Anjan	<b>OPTIK</b> Impact Factor (2021): 2.84 (Q2) DOI: 10.1016/j.ijleo.2021.168497 Published: FEB 2022 Document Type:Article	16
3.	<b>Optical solitons in the Sasa-Satsuma model with multiplicative noise via Ito calculus</b> By: Zayed, Elsayed M. E.; Shohib, Reham M. A.; Alngar, Mohamed E. M.; Biswas, Anjan; Yildirim, Yakup; Dakova, Anelia; Alshehri, Hashim M.; Belic, Milivoj R.	<b>UKRAINIAN JOURNAL OF PHYSICAL OPTICS</b> Impact Factor (2021): 0.907 (Q4) Published: 2022 Document Type:Article	14
4.	<b>Cubic-quartic optical soliton perturbation with complex Ginzburg-Landau equation by the enhanced Kudryashov's method</b> By: Arnous, Ahmed H.; Biswas, Anjan; Yildirim, Yakup; Zhou, Qin; Liu, Wenjun; Alshomrani, Ali S.; Alshehri, Hashim M.	<b>CHAOS SOLITONS &amp; FRACTALS</b> Impact Factor (2021): 9.922 (Q1) DOI: 10.1016/j.chaos.2021.111748 Published: FEB 2022 Document Type:Article	12
5.	<b>A Review on Electrochemical Sensors and Biosensors Used in Assessing Antioxidant Activity</b> By: Munteanu, Irina Georgiana; Apetrei, Constantin	<b>ANTIOXIDANTS</b> Impact Factor (2021): 7.675 (Q1) DOI: 10.3390/antiox11030584 Published: MAR 2022 Document Type:Article	11
6.	<b>A detailed investigation on highly dense CuZr bulk metallic glasses for shielding purposes</b> By: Tekin, Huseyin Ozan; ALMisned, Ghada; Susoy, Gulfem; Zakaly, Hesham M. H.; Issa, Shams A. M.; Kilic, Gokhan; Rammah, Yasser Saad; Lakshminarayana, Gandham; Ene, Antoaneta	<b>OPEN CHEMISTRY</b> Impact Factor (2021): 1.977 (Q3) DOI: 10.1515/chem-2022-0127 Published: FEB 11 2022 Document Type:Article	9

7.	<b>Magnesium-Based Alloys Used in Orthopedic Surgery</b> By: Antoniac, Iulian; Miculescu, Marian; Manescu (Paltanea), Veronica; Stere, Alexandru; Quan, Pham Hong; Paltanea, Gheorghe; Robu, Alina; Earar, Kamel	<b>MATERIALS</b> Impact Factor (2021): 3.748 (Q1) DOI: 10.3390/ma15031148 Published: FEB 2022 Document Type: Review	9
8.	<b>Gamma, neutron, and heavy charged ion shielding properties of Er<sup>3+</sup>- doped and Sm<sup>3+</sup>-doped zinc borate glasses</b> By: Tekin, Huseyin Ozan; ALMisned, Ghada; Zakaly, Hesham M. H.; Zamil, Abdallah; Khouchich, Dalia; Bilal, Ghaida; Al-Sammarraie, Lubna; Issa, Shams A. M.; Al-Buriahi, Mohammed Sultan; Ene, Antoaneta	<b>OPEN CHEMISTRY</b> Impact Factor (2021): 1.977 (Q3) DOI: 10.1515/chem-2022-0128 Published: MAR 2 2022 Document Type: Article	8
9.	<b>Nasopharyngeal carcinoma: A new synthesis of literature data (Review)</b> By: 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	<b>EXPERIMENTAL AND THERAPEUTIC MEDICINE</b> Impact Factor (2021): 2.751 (Q4) DOI: 10.3892/etm.2021.11059 Published: FEB 2022 Document Type: Review	8
10.	<b>Heavy metal oxide (HMO) glasses as an effective member of glass shield family: A comprehensive characterization on gamma ray shielding properties of various structures</b> By: 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.	<b>JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&amp;T</b> Impact Factor (2021): 6.267 (Q1) DOI: 10.1016/j.jmrt.2022.02.074 Published: MAY-JUN 2022 Document Type: Article	7
11.	<b>Trace Element Geochemistry and Genesis of Beryl from Wadi Nugrus, South Eastern Desert, Egypt</b> By: Abdel Gawad, Ahmed E.; Ene, Antoaneta; Skublov, Sergey G.; Gavrilchik, Alexandra K.; Ali, Mohamed A.; Ghoneim, Mohamed M.; Nastavkin, Aleksey V.	<b>MINERALS</b> Impact Factor (2021): 2.818 (Q2) DOI: 10.3390/min12020206 Published: FEB 2022 Document Type: Article	7
12.	<b>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</b> By: Dinu, Ancuta; Apetrei, Constantin	<b>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</b> Impact Factor (2021): 6.208 (Q1) DOI: 10.3390/ijms23031218 Published: FEB 2022 Document Type: Review	7

13.	<b>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</b> By: ALMisned, Ghada; Kilic, Gokhan; Ilik, Erkan; Issa, Shams A. M.; Zakaly, Hesham M. H.; Badawi, Ali; Issever, U. Gokhan; Tekin, H. O.; Ene, Antoaneta	<b>JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&amp;T</b> Impact Factor (2021): 6.267 (Q1) DOI: 10.1016/j.jmrt.2021.12.059 Published: JAN-FEB 2022 Document Type: Article	6
14.	<b>The Role of D-Dimers in the Initial Evaluation of COVID-19</b> By: 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	<b>THERAPEUTICS AND CLINICAL RISK MANAGEMENT</b> Impact Factor (2021): 2.755 (Q3) DOI: 10.2147/TCRM.S357214 Published: 2022 Document Type: Article	6
15.	<b>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</b> By: 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	<b>OPEN CHEMISTRY</b> Impact Factor (2021): 1.977 (Q3) DOI: 10.1515/chem-2022-0145 Published: APR 12 2022 Document Type: Article	5
16.	<b>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</b> By: 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.	<b>SUSTAINABILITY</b> Impact Factor (2021): 3.889 (Q2) DOI: 10.3390/su14052893 Published: MAR 2022 Document Type: Article	5
17.	<b>New Strategies for the Total/Partial Replacement of Conventional Sodium Nitrite in Meat Products: a Review</b> By: Stoica, Maricica; Antohi, Valentin Marian; Alexe, Petru; Ivan, Angela Stela; Stanciu, Silviu; Stoica, Dimitrie; Zlati, Monica Laura; Stuparu-Cretu, Mariana	<b>FOOD AND BIOPROCESS TECHNOLOGY</b> Impact Factor (2021): 5.581 (Q1) DOI: 10.1007/s11947-021-02744-6 Published: MAR 2022 Document Type: Article	5
18.	<b>New approach for regulation of the internal recirculation flow rate by fuzzy logic in biological wastewater treatments</b> By: Santin, I; Vilanova, R.; Pedret, C.; Barbu, M.	<b>ISA TRANSACTIONS</b> Impact Factor (2021): 5.911 (Q1) DOI: 10.1016/j.isatra.2021.03.028 Published: JAN 2022 Document Type: Article	5

19.	<b>Basal cell carcinoma: Comprehensive clinical and histopathological aspects, novel imaging tools and therapeutic approaches (Review)</b> By: Niculet, Elena; Craescu, Mihaela; Rebegea, Laura; Bobeica, Carmen; Nastase, Florentina; Lupasteanu, Gabriela; Stan, Daniela Jicman; Chioncel, Valentin; Anghel, Lucretia; Lungu, Mihaela; Tatu, Alin Laurentiu	<b>EXPERIMENTAL AND THERAPEUTIC MEDICINE</b> Impact Factor (2021): 2.751 (Q4) DOI: 10.3892/etm.2021.10982 Published: JAN 2022 Document Type: Article	5
20.	<b>Statistical analysis on the radiological assessment and geochemical studies of granite rocks in the north of Um Taghir area, Eastern Desert, Egypt</b> By: 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.	<b>OPEN CHEMISTRY</b> Impact Factor (2021): 1.977 (Q3) DOI: 10.1515/chem-2022-0131 Published: MAR 23 2022 Document Type: Article	4
21.	<b>Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology</b> By: Fertu, Daniela Ionela; Bulgariu, Laura; Gavrilesco, Maria	<b>PROCESSES</b> Impact Factor (2021): 3.352 (Q2) DOI: 10.3390/pr10030523 Published: MAR 2022 Document Type: Article	4
22.	<b>Highly Dispersive Optical Soliton Perturbation, with Maximum Intensity, for the Complex Ginzburg-Landau Equation by Semi-Inverse Variation</b> By: Biswas, Anjan; Berkemeyer, Trevor; Khan, Salam; Moraru, Luminita; Yildirim, Yakup; Alshehri, Hashim M.	<b>MATHEMATICS</b> Impact Factor (2021): 2.592 (Q1) DOI: 10.3390/math10060987 Published: MAR 2022 Document Type: Article	4
23.	<b>Chirped optical soliton propagation in birefringent fibers modeled by coupled Fokas-Lenells system</b> By: Triki, Houria; Zhou, Qin; Liu, Wenjun; Biswas, Anjan; Moraru, Luminita; Yildirim, Yakup; Alshehri, Hashim M.; Belic, Milivoj R.	<b>CHAOS SOLITONS &amp; FRACTALS</b> Impact Factor (2021): 9.922 (Q1) DOI: 10.1016/j.chaos.2021.111751 Published: FEB 2022 Document Type: Article	4
24.	<b>Hazards of Radioactive Mineralization Associated with Pegmatites Used as Decorative and Building Material</b> By: El Dabe, Mohamed M.; Ismail, A. M.; Metwaly, Mohamed; Taalab, Sherif A.; Hanfi, Mohamed Y.; Ene, Antoaneta	<b>MATERIALS</b> Impact Factor (2021): 3.748 (Q1) DOI: 10.3390/ma15031224 Published: FEB 2022 Document Type: Article	4
25.	<b>Quantification of Tyrosine in Pharmaceuticals with the New Biosensor Based on Laccase-Modified Polypyrrole Polymeric Thin Film</b> By: Dinu, Ancuta; Apetrei, Constantin	<b>POLYMERS</b> Impact Factor (2021): 4.967 (Q1) DOI: 10.3390/polym14030441	4

		Published: FEB 2022 Document Type: Article	
26.	<b>Numerical Simulation of Cubic-Quartic Optical Solitons with Perturbed Fokas-Lenells Equation Using Improved Adomian Decomposition Algorithm</b> By: Al-Qarni, Alyaa A.; Bakodah, Huda O.; Alshaery, Aisha A.; Biswas, Anjan; Yildirim, Yakup; Moraru, Luminita; Moldovanu, Simona	<b>MATHEMATICS</b> Impact Factor (2021): 2.592 (Q1) DOI: 10.3390/math10010138 Published: JAN 2022 Document Type: Article	4

(Source: <https://wcs.webofknowledge.com/>, 15.11.2022)

Table 4. Most cited ARTICLES 2018 - 2022, Web of Science Core Collection

No.	TITLE/ AUTHORS	JOURNAL	TIMES CITED
1.	<b>Functional evaluation of microencapsulated anthocyanins from sour cherries skins extract in whey proteins isolate</b> By: Oancea, Ana-Maria; Hasan, Mahadi; Vasile, Aida Mihaela; Barbu, Vasilica; Enachi, Elena; Bahrim, Gabriela; Rapeanu, Gabriela; Silvi, Stefania; Stanciuc, Nicoleta	<b>LWT-FOOD SCIENCE AND TECHNOLOGY</b> Impact Factor (2021): 6.056 (Q1) DOI: 10.1016/j.lwt.2018.04.083 Published: SEP 2018	52
2.	<b>Towards microbial biofuel cells: Improvement of charge transfer by self-modification of microorganisms with conducting polymer – Polypyrrole</b> By: Kisieliute, Aura; Popov, Anton; Apetrei, Roxana-Mihaela; Carac, Geta; Morkvenaite-Vilkonciene, Inga; Ramanaviciene, Almira; Ramanavicius, Arunas	<b>CHEMICAL ENGINEERING JOURNAL</b> Impact Factor (2021): 16.744 (Q1) DOI: 10.1016/j.cej.2018.09.026 Published: JAN 15 2019	48
3.	<b>Bioactive-loaded nanocarriers for functional foods: from designing to bioavailability</b> By: Dima, Cristian; Assadpour, Elham; Dima, Stefan; Jafari, Seid Mahdi	<b>CURRENT OPINION IN FOOD SCIENCE</b> Impact Factor (2021): 9.8 (Q1) DOI: 10.1016/j.cofs.2019.11.006 Published: JUN 2020	43
4.	<b>Solitons and conservation laws in magneto-optic waveguides with triple-power law nonlinearity</b> By: Zayed, Elsayed M. E.; Alngar, Mohamed E. M.; Biswas, Anjan; Kara, Abdul H.; Moraru, Luminita; Ekici, Mehmet; Alzahrani, Abdullah K.; Belic, Milivoj R.	<b>JOURNAL OF OPTICS-INDIA</b> Impact Factor (2021): - DOI: 10.1007/s12596-020-00650-2 Published: DEC 2020	42
5.	<b>Polyphenol content and in vitro evaluation of antioxidant, antimicrobial and prebiotic properties of red fruit extracts</b>	<b>EUROPEAN FOOD RESEARCH AND TECHNOLOGY</b> Impact Factor (2021): 3.498 (Q2)	41



	By: Coman, Maria Magdalena; Oancea, Ana Maria; Verdenelli, Maria Cristina; Cecchini, Cinzia; Bahrim, Gabriela Elena; Orpianesi, Carla; Cresci, Alberto; Silvi, Stefania	DOI: 10.1007/s00217-017-2997-9 Published: APR 2018	
6.	<b>Tribocorrosion behavior of additive manufactured Ti-6Al-4V biomedical alloy</b> By: Buciumeanu, M.; Bagheri, A.; Shamsaei, N.; Thompson, S. M.; Silva, F. S.; Henriques, B.	<b>TRIBOLOGY INTERNATIONAL</b> Impact Factor (2021): 5.62 (Q1) DOI: 10.1016/j.triboint.2017.11.032 Published: MAR 2018	40
7.	<b>The wave and wind power potential in the western Black Sea</b> By: Rusu, Liliana	<b>RENEWABLE ENERGY</b> Impact Factor (2021): 8.634 (Q1) DOI: 10.1016/j.renene.2019.03.017 Published: AUG 2019	39
8.	<b>A 30-year projection of the future wind energy resources in the coastal environment of the Black Sea</b> By: Rusu, Eugen	<b>RENEWABLE ENERGY</b> Impact Factor (2021): 8.634 (Q1) DOI: 10.1016/j.renene.2019.02.082 Published: AUG 2019	37
9.	<b>A joint evaluation of wave and wind energy resources in the Black Sea based on 20-year hindcast information</b> By: Rusu, Liliana; Ganea, Daniel; Mereuta, Elena	<b>ENERGY EXPLORATION &amp; EXPLOITATION</b> Impact Factor (2021): 2.5 (Q4) DOI: 10.1177/0144598717736389 Published: MAR 2018	36
10.	<b>Low velocity impact response of fabric reinforced hybrid composites with stratified filled epoxy matrix</b> By: Bunea, M.; Circiumaru, A.; Buciumeanu, M.; Birsan, I. G.; Silva, F. S.	<b>COMPOSITES SCIENCE AND TECHNOLOGY</b> Impact Factor (2021): 9.879 (Q1) DOI: 10.1016/j.compscitech.2018.11.024 Published: JAN 5 2019	35

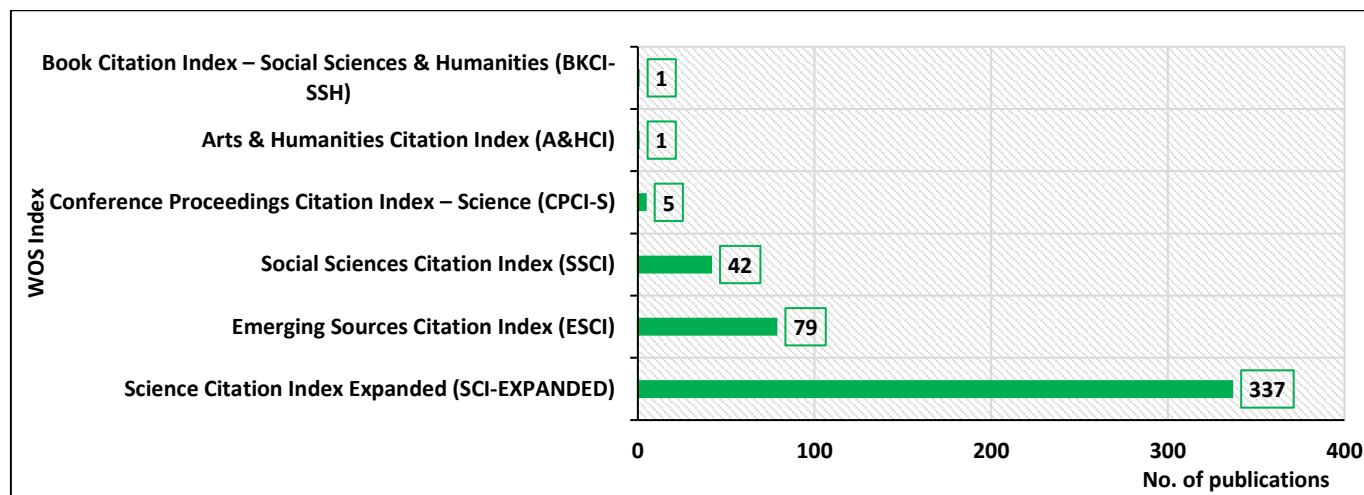
(Source: <https://wcs.webofknowledge.com/>, 15.11.2022)

Table 5. Most cited REVIEWS 2018 - 2022, Web of Science Core Collection

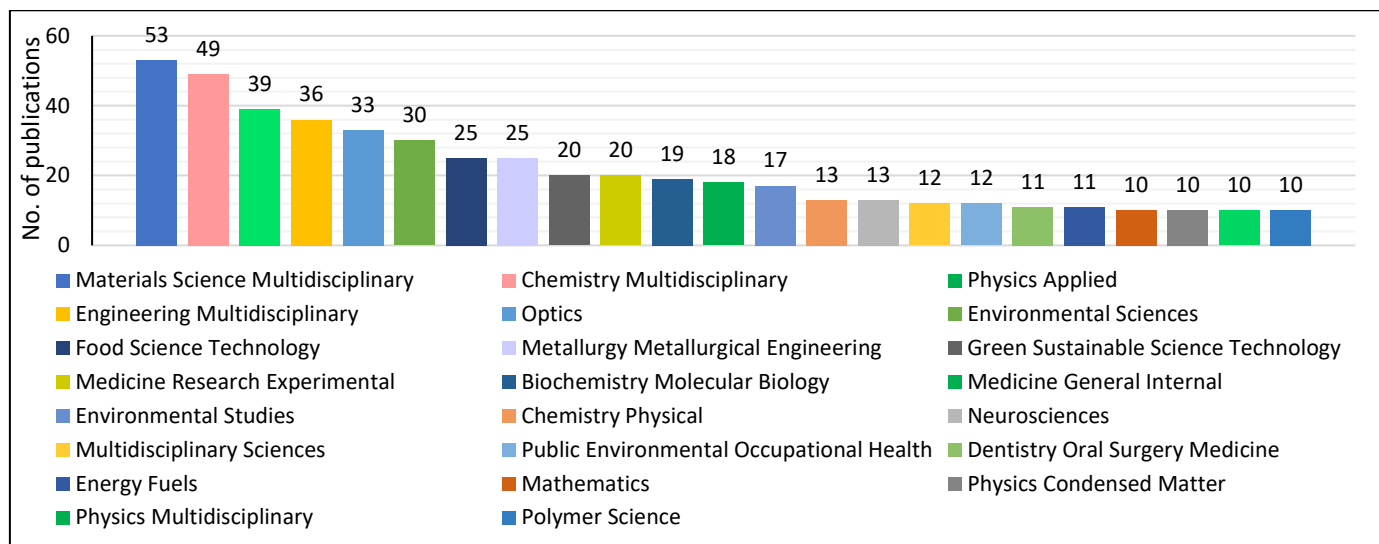
No.	TITLE/ AUTHORS	JOURNAL	TIMES CITED
1.	<b>Analytical Methods Used in Determining Antioxidant Activity: A Review</b> By: Munteanu, Irina Georgiana; Apetrei, Constantin	<b>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</b> Impact Factor (2021): 6.208 (Q1) DOI: 10.3390/ijms231911433 Published: APR 2021	128
2.	<b>Resistance of <i>Listeria monocytogenes</i> to Stress Conditions Encountered in Food and Food Processing Environments</b> By: Bucur, Florentina Ionela; Grigore-Gurgu, Leontina; Crauwels, Peter; Riedel, Christian U.; Nicolau, Anca Ioana	<b>FRONTIERS IN MICROBIOLOGY</b> Impact Factor (2021): 6.064 (Q1) DOI: 10.3389/fmicb.2018.02700 Published: NOV 13 2018	104
3.	<b>Bioavailability of nutraceuticals: Role of the food matrix, processing conditions, the gastrointestinal tract, and nanodelivery systems</b> By: Dima, Cristian; Assadpour, Elham; Dima, Stefan; Jafari, Seid Mahdi	<b>COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY</b> Impact Factor (2021): 15.786 (Q1) DOI: 10.1111/1541-4337.12547 Published: MAY 2020	87
4.	<b>Potential use of electronic noses, electronic tongues and biosensors as multisensor systems for spoilage examination in foods</b> By: Ghasemi-Varnamkhasti, Mandi; Apetrei, Constantin; Lozano, Jesus; Anyogu, Amarachukwu	<b>TRENDS IN FOOD SCIENCE &amp; TECHNOLOGY</b> Impact Factor (2021): 16.002 (Q1) DOI: 10.1016/j.tifs.2018.07.018 Published: OCT 2018	77
5.	<b>A review of the technologies for wave energy extraction</b> By: Rusu, Eugen; Onea, Florin	<b>CLEAN ENERGY</b> Impact Factor (2021): - DOI: 10.1093/ce/zky003 Published: JUL 6 2018	74
6.	<b>Modern enabling techniques and adsorbents based dye removal with sustainability concerns in textile industrial sector -A comprehensive review</b> By: Hynes, N. Rajesh Jesudoss; Kumar, J. Senthil; Kamyab, Hesam; Sujana, J. Angela Jennifa; Al-Khashman, Omar Ali; Kuslu, Yasemin; Ene, Antoaneta; Kumar, B. Suresh	<b>JOURNAL OF CLEANER PRODUCTION</b> Impact Factor (2021): 11.072 (Q1) DOI: 10.1016/j.jclepro.2020.122636 Published: NOV 1 2020	73
7.	<b>Bioavailability and bioaccessibility of food bioactive compounds; overview and assessment byin vitromethods</b>	<b>COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY</b>	63

	By: Dima, Cristian; Assadpour, Elham; Dima, Stefan; Jafari, Seid Mahdi	Impact Factor (2021): 15.786 (Q1) DOI: 10.1111/1541-4337.12623 Published: AUG 2020	
8.	<b>Coordination polymers and metal-organic frameworks built up with poly(tetrazolate) ligands</b> By: Tabacaru, Aurel; Pettinari, Claudio; Galli, Simona	<b>COORDINATION CHEMISTRY REVIEWS</b> Impact Factor (2021): 24.833 (Q1) DOI: 10.1016/j.ccr.2018.05.024 Published: OCT 1 2018	62
9.	<b>The Present and Future of Whole Genome Sequencing (WGS) and Whole Metagenome Sequencing (WMS) for Surveillance of Antimicrobial Resistant Microorganisms and Antimicrobial Resistance Genes across the Food Chain</b> By: Oniciuc, Elena A.; Likotrafiti, Eleni; Alvarez-Molina, Adrian; Prieto, Miguel; Santos, Jesus A.; Alvarez-Ordenez, Avelino	<b>GENES</b> Impact Factor (2021): 4.141 (Q2) DOI: 10.3390/genes9050268 Published: MAY 2018	57
10.	<b>Review on Polysaccharides Used in Coatings for Food Packaging Papers</b> By: Nechita, Petronela; Roman (Iana-Roman), Mirela	<b>COATINGS</b> Impact Factor (2021): 3.236 (Q2) DOI: 10.3390/coatings10060566 Published: JUN 2020	55

(Source: <https://wos.webofknowledge.com/>, 15.11.2022)



**Fig. 4** Publications by Web of Science Index (2022)  
(Source : <https://wos.webofknowledge.com/>, 15.11.2022)



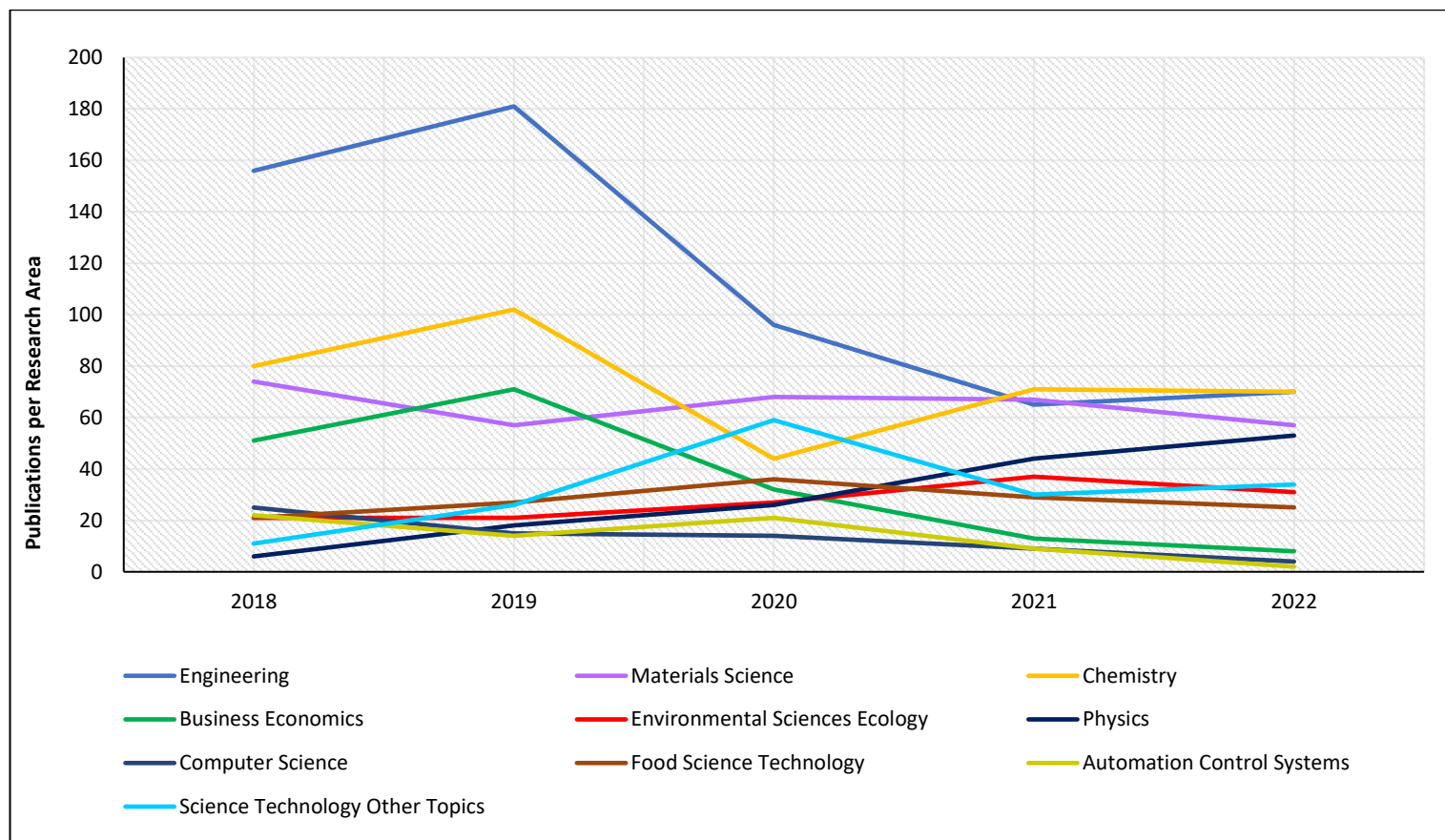
**Fig. 5** Publications by Web of Science Categories, >2% of 426 publ. (2022)  
(Source : <https://wcs.webofknowledge.com/>, 15.11.2022)

**Table 6. 2022 PUBLICATIONS BY RESEARCH AREAS, (>1% of 426 publ.)**

No.	Research Areas	Record count November 15, 2022	% of 426
1.	Chemistry	70	16.43%
2.	Engineering	70	16.43%
3.	Materials Science	57	13.38%
4.	Physics	53	12.44%
5.	Science Technology Other Topics	34	7.98%
6.	Optics	33	7.75%
7.	Environmental Sciences Ecology	31	7.28%
8.	Food Science Technology	25	5.87%

9.	Metallurgy Metallurgical Engineering	25	5.87%
10.	Research Experimental Medicine	20	4.70%
11.	Biochemistry Molecular Biology	19	4.46%
12.	General Internal Medicine	18	4.23%
13.	Agriculture	17	3.99%
14.	Mathematics	17	3.99%
15.	Neurosciences Neurology	14	3.29%
16.	Pharmacology Pharmacy	14	3.29%
17.	Public Environmental Occupational Health	12	2.82%
18.	Dentistry Oral Surgery Medicine	11	2.58%
19.	Energy Fuels	11	2.58%
20.	Polymer Science	10	2.35%
21.	Business Economics	8	1.88%
22.	Oceanography	8	1.88%
23.	Health Care Sciences Services	7	1.64%
24.	Geology	5	1.17%
25.	Mechanics	5	1.17%
26.	Nutrition Dietetics	5	1.17%
27.	Social Sciences Other Topics	5	1.17%

(Source: <https://wcs.webofknowledge.com/>, 15.11.2022)



**Fig. 6** Top 10 Research Areas, all times publications, (2018 – 2022 evolution)  
 (Source : <https://wcs.webofknowledge.com/>, 15.11.2022)

Table 7. DOCUMENTS BY TYPE (01.01.2021 - 15.11.2022)

Document type	Record Count November 15, 2022
Article	382
Review	33
from wich: <b>Early Access</b>	5
Other	11

(Source: <https://wcs.webofknowledge.com/>, 15.11.2022)

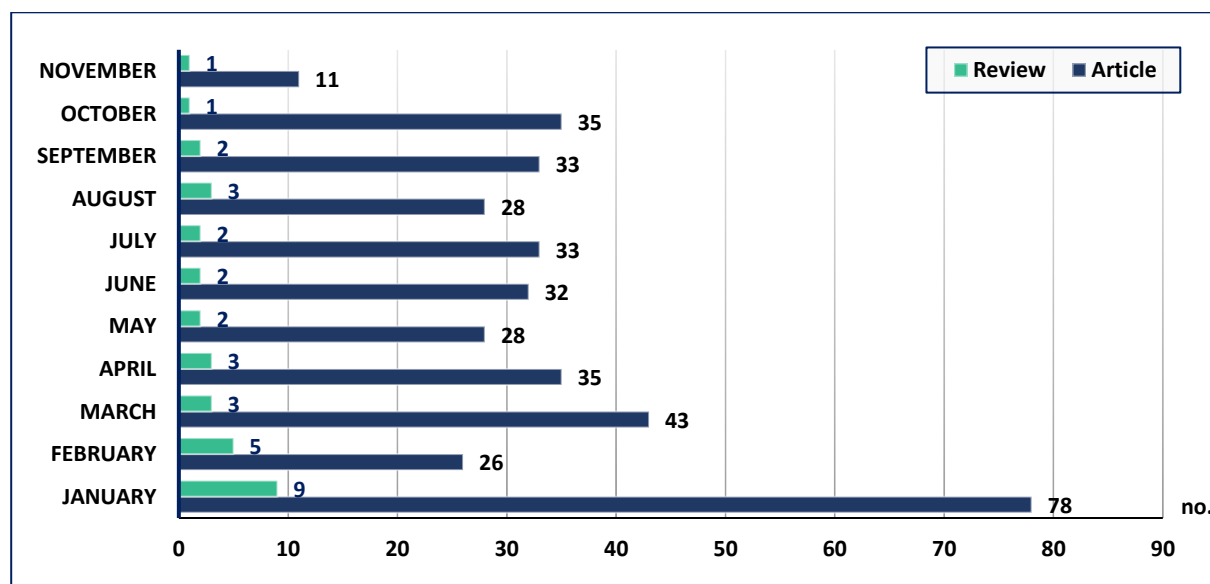


Fig. 7 Publications by type, 2022  
 (Source: <https://wcs.webofknowledge.com/>, 15.11.2022)

Table 8. PUBLICATION TITLES 2022, by Record Count, >1% of 426 publ.

No.	Publication Titles	Impact Factor (2021)	Record count November 15, 2022
1.	APPLIED SCIENCES BASEL	2.838	21
2.	EXPERIMENTAL AND THERAPEUTIC MEDICINE	2.751	18
3.	OPTIK	2.84	18
4.	SUSTAINABILITY	3.889	17
5.	BRAIN BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE	-	13
6.	INVENTIONS	-	13
7.	ROMANIAN JOURNAL OF ORAL REHABILITATION	-	11
8.	MATERIALS	3.748	10
9.	OPEN CHEMISTRY	1.977	10
10.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	4.614	9
11.	MATHEMATICS	2.592	9
12.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY JMR T	6.267	8
13.	FOODS	5.561	7
14.	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.744	7
15.	POLYMERS	4.967	7
16.	ARCHIVES OF METALLURGY AND MATERIALS	0.633	6
17.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	6.208	6
18.	SYMMETRY BASEL	2.94	6
19.	ANTIOXIDANTS	7.675	5
20.	CHAOS SOLITONS FRACTALS	9.922	5
21.	MEDICINA LITHUANIA	2.948	5
22.	MOLECULES	4.927	5
23.	SCIENTIFIC PAPERS SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT	-	5

(Source: <https://wcs.webofknowledge.com/>, 15.11.2022)