

Raport tehnic: Mai 2022

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

19 Mai 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/19.05.2022

Table 1. CITATION REPORT

Nr. crt.	Citation Report	Total publications UDJG	01.01.2022 – 19.05.2022
1.	Total publications	5.625	149
2.	h-index	62	3
3.	Average citations per item	5,5	0,22
4.	Sum of Times Cited	31.238	33
	Without self-citations	24.613	23
5.	Citing articles	23.051	26
	Without self-citations	20.984	19

(Source: <https://wcs.webofknowledge.com>, 19.05.2022)

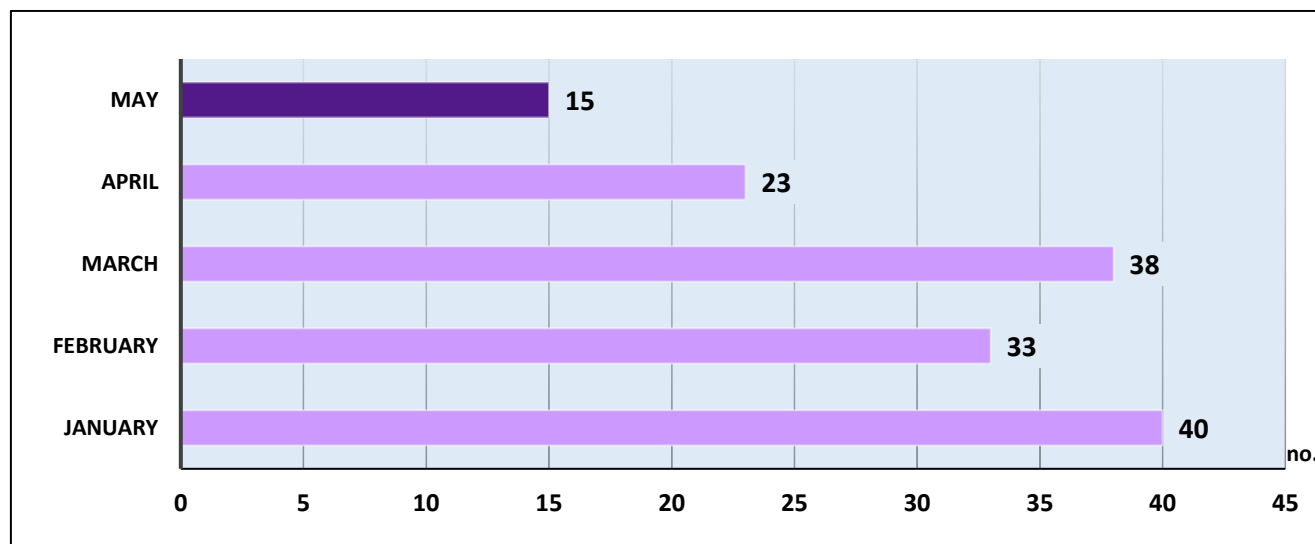


Fig. 1 Publications UDJG on Web of Science, 2022
 (Source: <https://wcs.webofknowledge.com>, 19.05.2022)

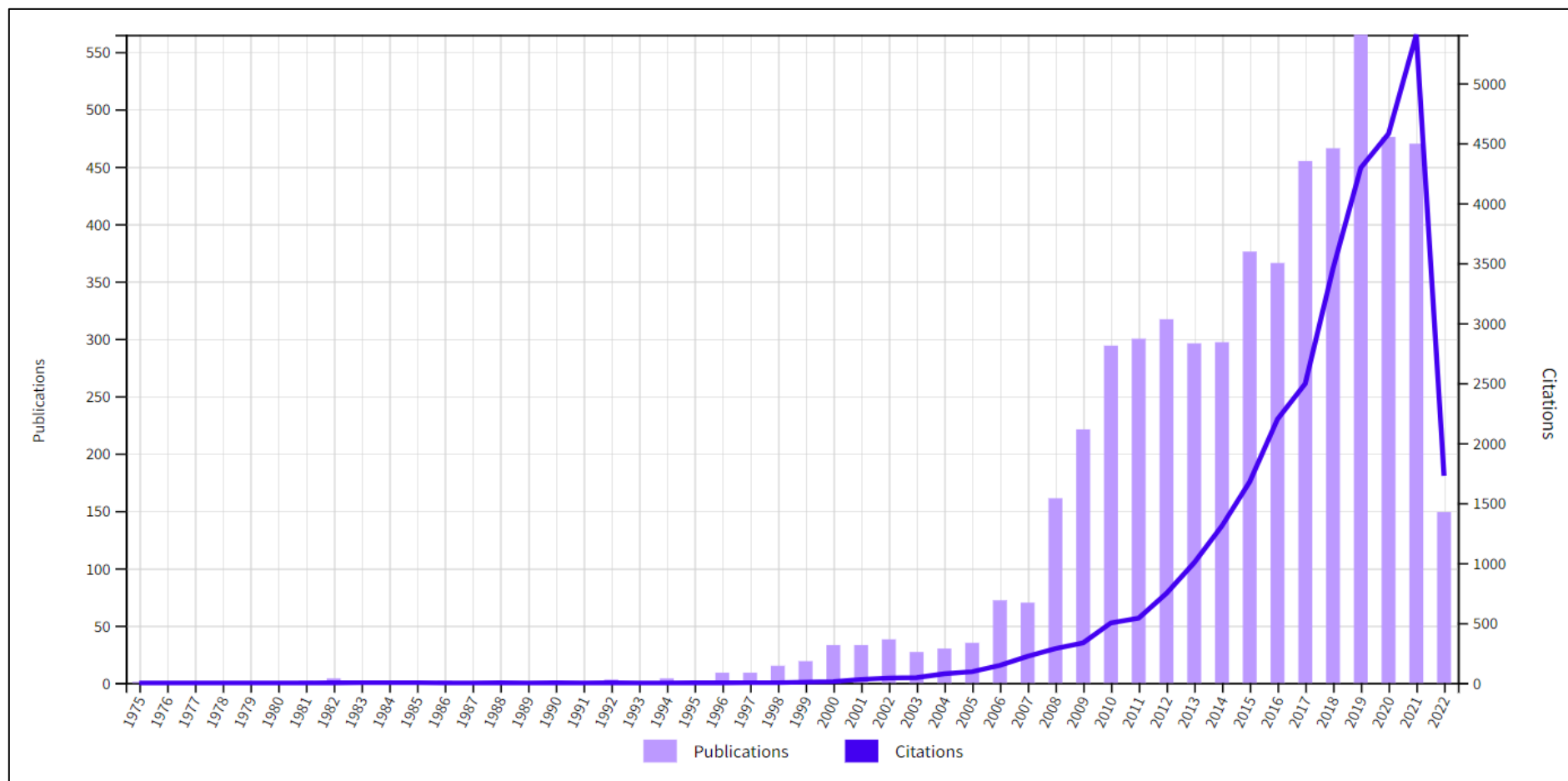


Fig. 2 Times Cited and Publications Over Time
(Source: <https://wcs.webofknowledge.com>, 19.05.2022)

Table 2. PUBLICATIONS BY ACCESS TYPE 2022

Document access type	January	February	March	April	May
Open Access	30	25	34	18	11
Other	10	8	4	5	4

Source: <https://wcs.webofknowledge.com>, 19.05.2022

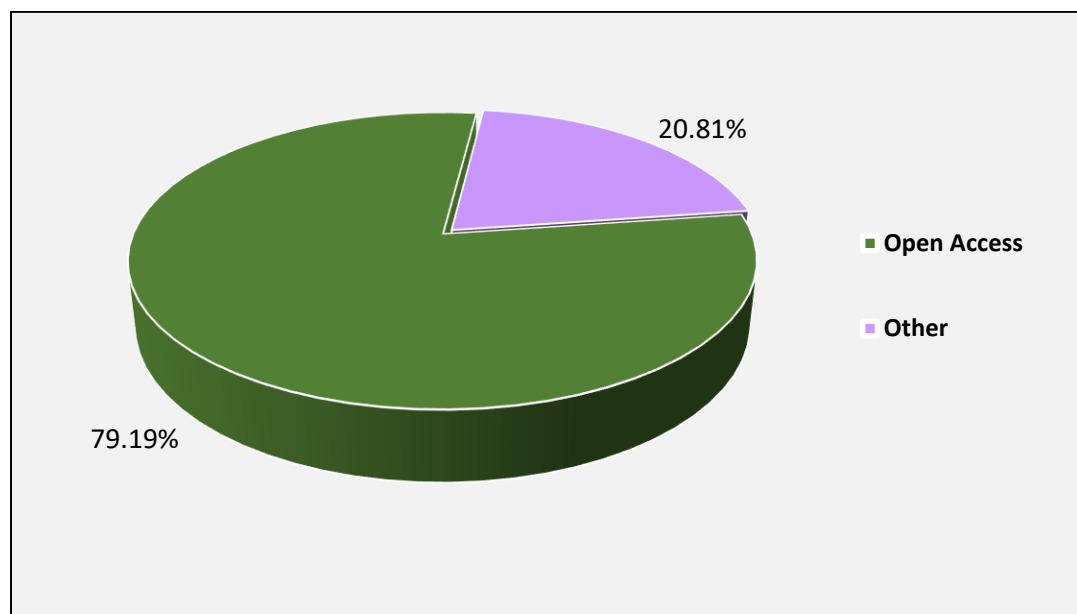


Fig. 3 Publications by access type (2022)
(Source : <https://wcs.webofknowledge.com/>, 19.05.2022)

Table 3. Cited Publications 2022, Web of Science Core Collection (01.01.2022 – 19.05.2022)

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	4
2.	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	4
3.	Optical solitons of nonlinear Schrodinger's equation with arbitrary dual-power law parameters	Kudryashov, Nikolay A.; Biswas, Anjan	OPTIK	3
4.	Gamma, neutron, and heavy charged ion shielding properties of Er ³⁺ -doped and Sm ³⁺ -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
5.	Transmission Factor (TF) Behavior of Bi ₂ O ₃ -TeO ₂ -Na ₂ O-TiO ₂ -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
6.	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	2
7.	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
8.	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
9.	Mechanical properties, elastic moduli, transmission factors, and gamma-ray-shielding	Tekin, Huseyin Ozan; ALMisned, Ghada; Rammah, Yasser Saad; Susoy, Gulfem; Ali, Fatema T.; Sen	OPEN CHEMISTRY	1

	performances of Bi ₂ O ₃ -P ₂ O ₅ -B ₂ O ₃ -V ₂ O ₅ quaternary glass system	Baykal, Duygu; Zakaly, Hesham M. H.; Issa, Shams A. M.; Ene, Antoaneta		
10.	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, Abdallah; Kamel, Mostafa; El-Wardany, Refaey M.; Rabie, Abdalla; Ene, Antoaneta; Tekin, Huseyin O.; Issa, Shams A. M.; Zakaly, Hesham M. H.	OPEN CHEMISTRY	1
11.	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
12.	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
13.	Modeling and Optimization of Heavy Metals Biosorption by Low-Cost Sorbents Using Response Surface Methodology	Fertu, Daniela Ionela; Bulgariu, Laura; Gavrilescu, Maria	PROCESSES	1
14.	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	1
15.	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
16.	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
17.	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
18.	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	1
19.	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

20.	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
21.	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/>, 19.05.2022)

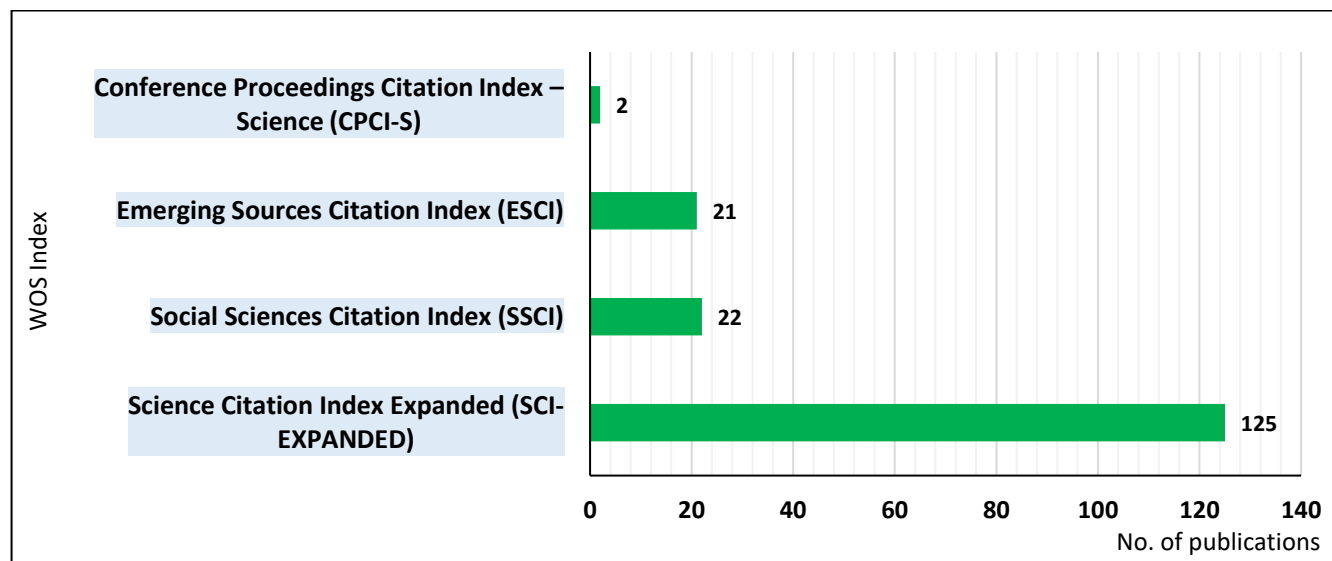


Fig. 4 Publications by Web of Science Index (2022)
 (Source : <https://wcs.webofknowledge.com/>, 19.05.2022)

Table 4. TOTAL PUBLICATIONS 2022 BY RESEARCH AREAS

No.	Research Areas	Record count May 19, 2022	% of 149
1.	Engineering	29	19.21%
2.	Chemistry	25	16.56%
3.	Materials Science	25	16.56%
4.	Physics	20	13.25%
5.	Research Experimental Medicine	16	10.60%
6.	Science Technology Other Topics	15	9.93%
7.	Environmental Sciences Ecology	13	8.61%
8.	Metallurgy Metallurgical Engineering	12	7.95%
9.	Optics	9	5.96%
10.	Mathematics	8	5.30%
11.	Biochemistry Molecular Biology	6	3.97%
12.	Business Economics	6	3.97%
13.	Food Science Technology	6	3.97%
14.	Neurosciences Neurology	6	3.97%
15.	Polymer Science	6	3.97%
16.	Health Care Sciences Services	5	3.31%
17.	Pharmacology Pharmacy	5	3.31%
18.	General Internal Medicine	4	2.65%
19.	Energy Fuels	3	1.99%
20.	Acoustics	2	1.33%
21.	Computer Science	2	1.33%
22.	Oceanography	2	1.33%
23.	Public Environmental Occupational Health	2	1.33%
24.	Automation Control Systems	1	0.66%

25.	Biotechnology Applied Microbiology	1	0.66%
26.	Education Educational Research	1	0.66%
27.	Electrochemistry	1	0.66%
28.	Genetics Heredity	1	0.66%
29.	Geochemistry Geophysics	1	0.66%
30.	Geology	1	0.66%
31.	Imaging Science Photographic Technology	1	0.66%
32.	Instruments Instrumentation	1	0.66%
33.	Mechanics	1	0.66%
34.	Microbiology	1	0.66%
35.	Mineralogy	1	0.66%
36.	Mining Mineral Processing	1	0.66%
37.	Nuclear Science Technology	1	0.66%
38.	Nutrition Dietetics	1	0.66%
39.	Obstetrics Gynecology	1	0.66%
40.	Oncology	1	0.66%
41.	Psychiatry	1	0.66%
42.	Rehabilitation	1	0.66%
43.	Social Sciences Other Topics	1	0.66%
44.	Telecommunications	1	0.66%
45.	Water Resources	1	0.66%

(Source: <https://wcs.webofknowledge.com/>, 19.05.2022)

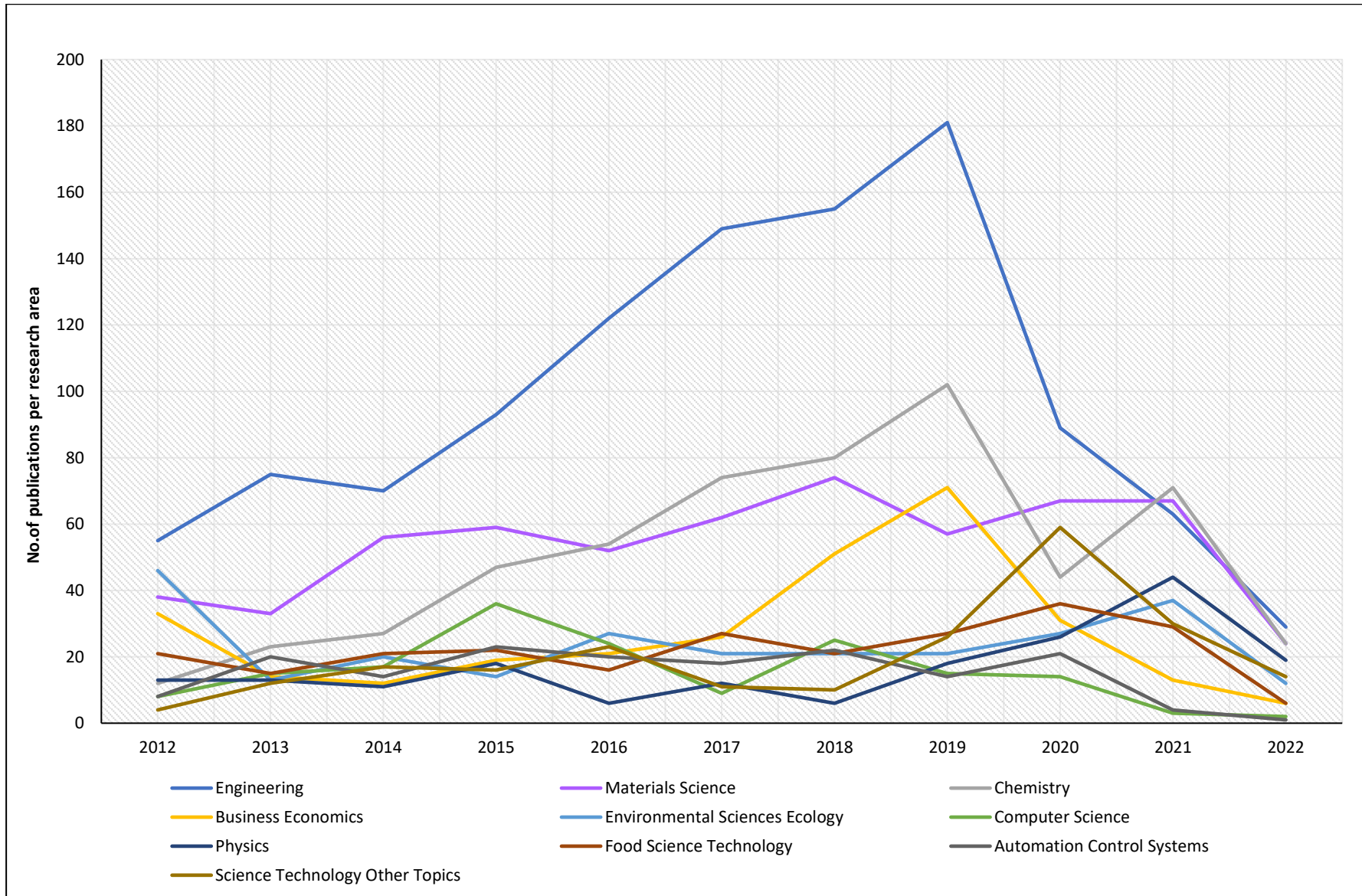


Fig. 5 Top 10 Research Areas, all times publications
(Source : <https://wcs.webofknowledge.com/>, 19.05.2022)

Table 5. DOCUMENT TYPES (01.01.2021 - 19.05.2022)

Document type	Record count May 19, 2022
Article	131
Review	14
from wich: Early Access	6
Other	4

(Source: <https://wcs.webofknowledge.com/>, 19.05.2022)

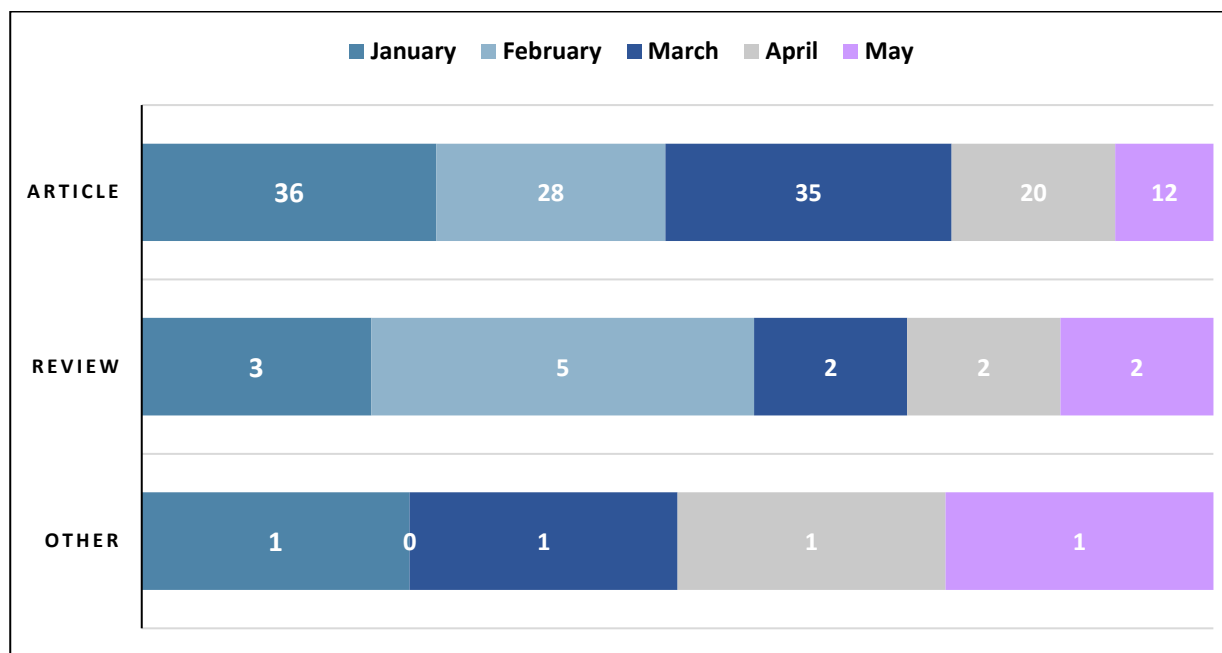


Fig. 6 Publications by document type, 2022
 (Source: <https://wcs.webofknowledge.com/>, 19.05.2022)

Table 6. PUBLICATION TITLES 2022, >1% of 149 publ.

No.	Publication Titles	Impact Factor (2020)	Record count May 19, 2022
1.	EXPERIMENTAL AND THERAPEUTIC MEDICINE	2.447	16
2.	SUSTAINABILITY	3.251	10
3.	APPLIED SCIENCES BASEL	2.679	9
4.	BRAIN BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE	-	5
5.	INVENTIONS	-	5
6.	MATERIALS	3.623	5
7.	MATHEMATICS	2.258	5
8.	OPEN CHEMISTRY	1.554	5
9.	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY JMR T	5.039	4
10.	OPTIK	2.443	4
11.	POLYMERS	4.329	4
12.	SYMMETRY BASEL	2.713	4
13.	ANTIOXIDANTS	6.313	3
14.	PROCESSES	2.847	3
15.	UKRAINIAN JOURNAL OF PHYSICAL OPTICS	0.783	3
16.	ARCHIVES OF METALLURGY AND MATERIALS	0.767	2
17.	CHAOS SOLITONS FRACTALS	5.944	2
18.	ENERGY REPORTS	6.87	2
19.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	3.39	2
20.	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.458	2
21.	JOURNAL OF PERSONALIZED MEDICINE	4.945	2
22.	ROMANIAN JOURNAL OF ACOUSTICS AND VIBRATION	-	2
23.	THERAPEUTICS AND CLINICAL RISK MANAGEMENT	2.423	2

(Source: <https://wcs.webofknowledge.com/>, 19.05.2022)