

Marieta D Costache

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

2,491
citations

31
h-index

43
g-index

156
ext. papers

2,986
ext. citations

4.1
avg, IF

5.13
L-index

#	Paper	IF	Citations
134	Synthesis, characterization, and in vitro studies of graphene oxide/chitosan-polyvinyl alcohol films. <i>Carbohydrate Polymers</i> , 2014 , 102, 813-20	10.3	102
133	. <i>IEEE Transactions on Electron Devices</i> , 1984 , 31, 1614-1628	2.9	92
132	Evolution of fucosyltransferase genes in vertebrates. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29721-85.4	8.4	88
131	Reduced inflammatory activity of RAW 264.7 macrophages on titania nanotube modified Ti surface. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 55, 187-95	5.6	77
130	Chitosan-Graphene Oxide 3D scaffolds as Promising Tools for Bone Regeneration in Critical-Size Mouse Calvarial Defects. <i>Scientific Reports</i> , 2017 , 7, 16641	4.9	72
129	In vitro cytocompatibility evaluation of chitosan/graphene oxide 3D scaffold composites designed for bone tissue engineering. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 2249-56	1	68
128	Molecular cloning and expression of a bovine alpha(1,3)-fucosyltransferase gene homologous to a putative ancestor gene of the human FUT3-FUT5-FUT6 cluster. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8764-73	5.4	68
127	Protective effects of naringenin on carbon tetrachloride-induced acute nephrotoxicity in mouse kidney. <i>Chemico-Biological Interactions</i> , 2013 , 205, 138-47	5	67
126	Synthesis, characterization and in vitro studies of polysulfone/graphene oxide composite membranes. <i>Composites Part B: Engineering</i> , 2015 , 72, 108-115	10	62
125	Histopathological alterations and oxidative stress in liver and kidney of <i>Leuciscus cephalus</i> following exposure to heavy metals in the Tur River, North Western Romania. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 119, 198-205	7	55
124	Modulatory effects of deltamethrin on antioxidant defense mechanisms and lipid peroxidation in <i>Carassius auratus gibelio</i> liver and intestine. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 58, 757-64	3.2	55
123	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. <i>Genes</i> , 2019 , 10,	4.2	53
122	Synergistic effect of carbon nanotubes and graphene for high performance cellulose acetate membranes in biomedical applications. <i>Carbohydrate Polymers</i> , 2018 , 183, 50-61	10.3	50
121	Point Mutations and Deletion Responsible for the Bombay H null and the Reunion H weak Blood Groups. <i>Vox Sanguinis</i> , 1998 , 75, 37-46	3.1	48
120	Enzymes with new biochemical properties in the pectinolytic complex produced by <i>Aspergillus niger</i> MIUG 16. <i>Journal of Biotechnology</i> , 2007 , 131, 128-37	3.7	48
119	Advances in molecular genetics of alpha-2- and alpha-3/4-fucosyltransferases. <i>Transfusion Clinique Et Biologique</i> , 1997 , 4, 367-82	1.9	43
118	Adapted response of the antioxidant defense system to oxidative stress induced by deoxynivalenol in Hek-293 cells. <i>Toxicon</i> , 2011 , 57, 1023-32	2.8	42

117	Significance of individual point mutations, T202C and C314T, in the human Lewis (FUT3) gene for expression of Lewis antigens by the human alpha(1,3/1,4)-fucosyltransferase, Fuc-TIII. <i>Journal of Biological Chemistry</i> , 1997 , 272, 21994-8	5.4	42
116	Zoonotic <i>Cryptosporidium parvum</i> in Romanian newborn lambs (<i>Ovis aries</i>). <i>Veterinary Parasitology</i> , 2013 , 191, 119-22	2.8	41
115	Biocompatibility assessment of novel collagen-sericin scaffolds improved with hyaluronic Acid and chondroitin sulfate for cartilage regeneration. <i>BioMed Research International</i> , 2013 , 2013, 598056	3	40
114	Chemoprevention of Colorectal Cancer by Dietary Compounds. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	39
113	Graphene Oxide Enhances Chitosan-Based 3D Scaffold Properties for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	38
112	Impact of multicellular tumor spheroids as an in vivo-like tumor model on anticancer drug response. <i>International Journal of Oncology</i> , 2016 , 48, 2295-302	4.4	38
111	Nanocomposite foams based on flexible biobased thermoplastic polyurethane and ZnO nanoparticles as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019 , 104, 109893	8.3	35
110	Nuclear markers of Danube Sturgeons hybridization. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 6796-809	6.3	34
109	Gelatin-poly(vinyl alcohol) porous biocomposites reinforced with graphene oxide as biomaterials. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 282-291	7.3	33
108	Antioxidant and hepatoprotective effects of naringenin and its Cyclodextrin formulation in mice intoxicated with carbon tetrachloride: a comparative study. <i>Journal of Medicinal Food</i> , 2014 , 17, 670-7	2.8	33
107	Layer-shaped alginate hydrogels enhance the biological performance of human adipose-derived stem cells. <i>BMC Biotechnology</i> , 2012 , 12, 35	3.5	33
106	Biomedical properties and preparation of iron oxide-dextran nanostructures by MAPLE technique. <i>Chemistry Central Journal</i> , 2012 , 6, 17		33
105	Sericin enhances the bioperformance of collagen-based matrices preseeded with human-adipose derived stem cells (hADSCs). <i>International Journal of Molecular Sciences</i> , 2013 , 14, 1870-89	6.3	33
104	In vitro performance assessment of new beta Ti-Mo-Nb alloy compositions. <i>Materials Science and Engineering C</i> , 2015 , 47, 105-13	8.3	32
103	Poly(3-hydroxybutyrate-CO-3-hydroxyvalerate) PHBHV biocompatible nanocarriers for 5-FU delivery targeting colorectal cancer. <i>Drug Delivery</i> , 2019 , 26, 318-327	7	28
102	In Vitro Studies of Bacterial Cellulose and Magnetic Nanoparticles Smart Nanocomposites for Efficient Chronic Wounds Healing. <i>Stem Cells International</i> , 2015 , 2015, 195096	5	28
101	Malathion-induced alteration of the antioxidant defence system in kidney, gill, and intestine of <i>Carassius auratus gibelio</i> . <i>Environmental Toxicology</i> , 2009 , 24, 523-30	4.2	27
100	Modulation of adipogenic conditions for prospective use of hADSCs in adipose tissue engineering. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 15881-900	6.3	26

99	Adiponectin: possible link between metabolic stress and oxidative stress in the elderly. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 621-629	4.8	25
98	Extracellular matrix is modulated in advanced glycation end products milieu via a RAGE receptor dependent pathway boosted by transforming growth factor- β RAGE. <i>Journal of Diabetes</i> , 2015 , 7, 114-24	2.8	24
97	In vitro cytotoxicity and antioxidant activities of five medicinal plants of Malvaceae family from Cameroon. <i>Environmental Toxicology and Pharmacology</i> , 2010 , 29, 223-8	5.8	24
96	Colon Cancer Cells Gene Expression Signature As Response to 5- Fluorouracil, Oxaliplatin, and Folinic Acid Treatment. <i>Frontiers in Pharmacology</i> , 2016 , 7, 172	5.6	24
95	Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development. <i>Cells</i> , 2020 , 9,	7.9	23
94	A 3D Porous Gelatin-Alginate-Based-IPN Acts as an Efficient Promoter of Chondrogenesis from Human Adipose-Derived Stem Cells. <i>Stem Cells International</i> , 2015 , 2015, 252909	5	23
93	Hepatoprotective effects of Berberis vulgaris L. extract/ β -cyclodextrin on carbon tetrachloride-induced acute toxicity in mice. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 9014-34	6.3	23
92	Dose-related effects of sericin on preadipocyte behavior within collagen/sericin hybrid scaffolds. <i>Progress in Natural Science: Materials International</i> , 2015 , 25, 122-130	3.6	20
91	Poly(HydroxyButyrate-co-HydroxyValerate) (PHBHV) Nanocarriers for Silymarin Release as Adjuvant Therapy in Colo-rectal Cancer. <i>Frontiers in Pharmacology</i> , 2017 , 8, 508	5.6	20
90	The activity of some digestive enzymes in domestic rabbits before and after weaning. <i>Animal Science</i> , 1998 , 66, 501-507		20
89	Versatile Biomaterial Platform Enriched with Graphene Oxide and Carbon Nanotubes for Multiple Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
88	Preparation and in vitro, bulk, and surface investigation of chitosan/graphene oxide composite films. <i>Polymer Composites</i> , 2013 , 34, 2116-2124	3	17
87	Phylogenetic relationships of the Hucul horse from Romania inferred from mitochondrial D-loop variation. <i>Genetics and Molecular Research</i> , 2011 , 10, 4104-13	1.2	17
86	Impact of the magnetic field on 3T3-E1 preosteoblasts inside SMART silk fibroin-based scaffolds decorated with magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2020 , 110, 110714	8.3	16
85	Structural and oxidative changes in the kidney of crucian carp induced by silicon-based quantum dots. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 10193-211	6.3	15
84	Multi-Omics Data Integration in Extracellular Vesicle Biology-Utopia or Future Reality?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
83	Positioning Europe for the EPITRANSCRIPTOMICS challenge. <i>RNA Biology</i> , 2018 , 15, 829-831	4.8	14
82	Hybrid dextran-iron oxide thin films deposited by laser techniques for biomedical applications. <i>Materials Science and Engineering C</i> , 2012 , 32, 296-302	8.3	13

81	Hema-Functionalized Graphene Oxide: a Versatile Nanofiller for Poly(Propylene Fumarate)-Based Hybrid Materials. <i>Scientific Reports</i> , 2019 , 9, 18685	4.9	13
80	Nanocellulose-enriched hydrocolloid-based hydrogels designed using a Ca ²⁺ free strategy based on citric acid. <i>Materials and Design</i> , 2021 , 197, 109200	8.1	13
79	Porous poly(l-lactic acid) nanocomposite scaffolds with functionalized TiO ₂ nanoparticles: properties, cytocompatibility and drug release capability. <i>Journal of Materials Science</i> , 2018 , 53, 11151-11166	4.3	13
78	Electrochemical comparison and biological performance of a new CoCrNbMoZr alloy with commercial CoCrMo alloy. <i>Materials Science and Engineering C</i> , 2016 , 59, 346-355	8.3	12
77	Expression Characterization of Six Genes Possibly Involved in Gonad Development for Stellate Sturgeon Individuals (, Pallas 1771). <i>International Journal of Genomics</i> , 2018 , 2018, 7835637	2.5	11
76	Fabrication and Biocompatibility Evaluation of Nanodiamonds-Gelatin Electrospun Materials Designed for Prospective Tissue Regeneration Applications. <i>Materials</i> , 2019 , 12,	3.5	11
75	Bioevaluation of novel anti-biofilm coatings based on PVP/Fe ₃ O ₄ nanostructures and 2-((4-ethylphenoxy)methyl)-N- (arylcarbamothioyl)benzamides. <i>Molecules</i> , 2014 , 19, 12011-30	4.8	11
74	Deciphering the Molecular Landscape of Cutaneous Squamous Cell Carcinoma for Better Diagnosis and Treatment. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
73	Impact of silicon-based quantum dots on the antioxidative system in white muscle of <i>Carassius auratus gibelio</i> . <i>Fish Physiology and Biochemistry</i> , 2012 , 38, 963-975	2.7	10
72	Interplay between Cellular and Molecular Mechanisms Underlying Inflammatory Bowel Diseases Development-A Focus on Ulcerative Colitis. <i>Cells</i> , 2020 , 9,	7.9	10
71	Cyclodextrin Complexation Improves the Solubility and Caco-2 Permeability of Chrysin. <i>Materials</i> , 2020 , 13,	3.5	10
70	KRAS gene mutations - prognostic factor in colorectal cancer?. <i>Romanian Journal of Morphology and Embryology</i> , 2015 , 56, 671-8	0.6	10
69	Efficiency of Multiparticulate Delivery Systems Loaded with Flufenamic Acid Designed for Burn Wound Healing Applications. <i>Journal of Immunology Research</i> , 2019 , 2019, 4513108	4.5	9
68	The Non-Coding Landscape of Cutaneous Malignant Melanoma: A Possible Route to Efficient Targeted Therapy. <i>Cancers</i> , 2020 , 12,	6.6	9
67	Antioxidant and hepatoprotective activity of milk thistle (<i>Silybum marianum</i> L. Gaertn.) seed oil. <i>Open Life Sciences</i> , 2015 , 10,	1.2	8
66	Site heteroplasmy in the mitochondrial cytochrome b gene of the sterlet sturgeon <i>Acipenser ruthenus</i> . <i>Genetics and Molecular Biology</i> , 2012 , 35, 886-91	2	8
65	Nanoporous silicon matrix used as biomaterial. <i>Journal of Alloys and Compounds</i> , 2007 , 434-435, 830-832	5.7	8
64	Adipose tissue engineering and adipogenesis review	17-26	8

63	Effect of carboxylic acid functionalized graphene on physical-chemical and biological performances of polysulfone porous films. <i>Polymer</i> , 2016 , 92, 1-12	3.9	8
62	Antimicrobial applications of MAPLE processed coatings based on PLGA and lincomycin functionalized magnetite nanoparticles. <i>Applied Surface Science</i> , 2019 , 484, 587-599	6.7	7
61	Sinanodonta woodiana (Mollusca: Bivalvia: Unionidae): isolation and characterization of the first microsatellite markers. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 5255-60	6.3	7
60	Nucleoside reverse transcriptase inhibitor resistance mutations in subtype F1 strains isolated from heavily treated adolescents in Romania. <i>International Journal of Infectious Diseases</i> , 2009 , 13, 81-9	10.5	7
59	Comparative study of leptin and leptin receptor gene expression in different swine breeds. <i>Genetics and Molecular Research</i> , 2014 , 13, 7140-8	1.2	7
58	Assessment of genetic diversity in main local sheep breeds from Romania using microsatellite markers. <i>Archives Animal Breeding</i> , 2020 , 63, 53-59	1.6	7
57	Inflammation and Inflammasomes: Pros and Cons in Tumorigenesis. <i>Journal of Immunology Research</i> , 2020 , 2020, 2549763	4.5	7
56	Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. <i>Genetics and Molecular Biology</i> , 2014 , 37, 587-97	2	6
55	Biochemical, Histopathological and Molecular Responses in Gills of <i>Leuciscus cephalus</i> Exposed to Metals. <i>Archives of Environmental Contamination and Toxicology</i> , 2017 , 73, 607-618	3.2	6
54	Use of DNA barcoding in the assignment of commercially valuable fish species from Romania. <i>Aquatic Living Resources</i> , 2017 , 30, 20	1.5	6
53	Characterization of Sucrose Thin Films for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-6	3.2	6
52	In vitro antiproliferative and anti-oxidant activities of methanol extracts of <i>Urena lobata</i> and <i>Viscum album</i> against breast cancer cell lines. <i>Toxicological and Environmental Chemistry</i> , 2012 , 94, 987-999	1.4	6
51	Comprehensive Appraisal of Graphene-Oxide Ratio in Porous Biopolymer Hybrids Targeting Bone-Tissue Regeneration. <i>Nanomaterials</i> , 2020 , 10,	5.4	6
50	Connecting the Missing Dots: ncRNAs as Critical Regulators of Therapeutic Susceptibility in Breast Cancer. <i>Cancers</i> , 2020 , 12,	6.6	6
49	About electrochemical stability and biocompatibility of two types of CoCr commercial dental alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2016 , 67, 1096-1104	1.6	6
48	Proteomic Technology "Lens" for Epithelial-Mesenchymal Transition Process Identification in Oncology. <i>Analytical Cellular Pathology</i> , 2019 , 2019, 3565970	3.4	6
47	Oxidative Stress and Antioxidant Defense Mechanisms in Response to Starvation and Refeeding in the Intestine of Stellate Sturgeon (<i>Acipenser stellatus</i>) Juveniles from Aquaculture. <i>Animals</i> , 2021 , 11,	3.1	6
46	Downregulation of hsp22 gene expression in <i>Drosophila melanogaster</i> from sites located near chemical plants. <i>Genetics and Molecular Research</i> , 2012 , 11, 739-45	1.2	5

45	Point Mutations and Deletion Responsible for the Bombay H null and the Reunion H weak Blood Groups 1998 , 75, 37		5
44	Exosomes as Part of the Human Adipose-Derived Stem Cells Secretome- Opening New Perspectives for Cell-Free Regenerative Applications. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1312, 139-163	3.6	5
43	Origin and genetic diversity of Romanian Racka sheep using mitochondrial markers. <i>Small Ruminant Research</i> , 2016 , 144, 276-282	1.7	5
42	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , 2019 , 1643-1664	0.6	5
41	Effects of Cetylated Fatty Acids Mixture from Celadrin on Chondrogenesis and Inflammation with Impact on Osteoarthritis. <i>Cartilage</i> , 2020 , 11, 88-97	3	5
40	Ceramics based on calcium phosphates substituted with magnesium ions for bone regeneration. <i>International Journal of Applied Ceramic Technology</i> , 2020 , 17, 342-353	2	5
39	In Vitro Macrophage Immunomodulation by Poly(E-caprolactone) Based-Coated AZ31 Mg Alloy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
38	Evaluation of Genetic Diversity in Fish Using Molecular Markers 2015 ,		4
37	Isolation and characterization of new microsatellite markers for the invasive softshell clam, <i>Mya arenaria</i> (L.) (Bivalvia: Myidae). <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2515-20	6.3	4
36	3D Printable Composite Biomaterials Based on GelMA and Hydroxyapatite Powders Doped with Cerium Ions for Bone Tissue Regeneration.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	4
35	Effects of starvation and refeeding on growth performance and stress defense mechanisms of stellate sturgeon <i>Acipenser stellatus</i> juveniles from aquaculture. <i>Acta Biochimica Polonica</i> , 2019 , 66, 47-59	2	4
34	Fabrication of Novel Silk Fibroin - LDHs Composite Architectures for Potential Bone Tissue Engineering 2017 , 54, 659-665		4
33	Fabrication and properties of alginate-hydroxyapatite biocomposites as efficient biomaterials for bone regeneration. <i>European Polymer Journal</i> , 2021 , 151, 110444	5.2	4
32	Cellulose Nanofiber-Based Hydrogels Embedding 5-FU Promote Pyroptosis Activation in Breast Cancer Cells and Support Human Adipose-Derived Stem Cell Proliferation, Opening New Perspectives for Breast Tissue Engineering. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
31	Genetic analysis of populations of brown trout (<i>Salmo trutta</i> L.) from the Romanian Carpathians. <i>Aquatic Living Resources</i> , 2019 , 32, 23	1.5	3
30	Nanobiomaterials for tissue engineering 2019 , 1-21		3
29	First report of OXA-72 producing <i>Acinetobacter baumannii</i> in Romania. <i>New Microbes and New Infections</i> , 2016 , 13, 87-8	4.1	3
28	Perilipin expression reveals adipogenic potential of hADSCs inside superporous polymeric cellular delivery systems. <i>BioMed Research International</i> , 2014 , 2014, 830791	3	3

27	Controversial behavior of aminoguanidine in the presence of either reducing sugars or soluble glycosylated bovine serum albumin. <i>Carbohydrate Research</i> , 2011 , 346, 2872-80	2.9	3
26	Phylogenetic relationships of the mangalitsa Swine breed inferred from mitochondrial DNA variation. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8467-81	6.3	3
25	Molecular Confirmation on the Presence of <i>Anadara Kagoshimensis</i> (Tokunaga, 1906) (Mollusca: Bivalvia: Arcidae) in the Black Sea / Confirmarea moleculară a prezenței speciei <i>Anadara Kagoshimensis</i> (Tokunaga, 1906) (Mollusca: Bivalvia: Arcidae) în Marea Neagră <i>Travaux Du Museum National D'Histoire Naturelle Grigore Antipa</i> , 2015 , 57, 9-12	0.5	3
24	Current Landscape in Organic Nanosized Materials Advances for Improved Management of Colorectal Cancer Patients. <i>Materials</i> , 2021 , 14,	3.5	3
23	Bio- and Hemo-Compatible Silk Fibroin PEGylated Nanocarriers for 5-Fluorouracil Chemotherapy in Colorectal Cancer: In Vitro Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
22	The Impact of Graphene Oxide on Bone Regeneration Therapies 2016 ,		3
21	Release of the Non-Steroidal Anti-Inflammatory Drug Flufenamic Acid by Multiparticulate Delivery Systems Promotes Adipogenic Differentiation of Adipose-Derived Stem Cells. <i>Materials</i> , 2020 , 13,	3.5	3
20	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , 2018 , 1-21	0.6	3
19	Reinforcing involvement of NK cells in psoriasiform dermatitis animal model. <i>Experimental and Therapeutic Medicine</i> , 2019 , 18, 4956-4966	2.1	2
18	Low Danube Sturgeon Identification Using DNA Markers		2
17	Genetic Diversity of Brown Trout Populations Using Mitochondrial Markers In Relatively Similar Geographical and Ecological Conditions – Carpathian Case Study. <i>Transylvanian Review of Systematical and Ecological Research</i> , 2013 , 15, 125-132	0.6	2
16	Complexation with Random Methyl-β-Cyclodextrin and (2-Hydroxypropyl)-β-Cyclodextrin Promotes Chrysin Effect and Potential for Liver Fibrosis Therapy. <i>Materials</i> , 2020 , 13,	3.5	2
15	In Vitro Interaction of Doxorubicin-Loaded Silk Sericin Nanocarriers with MCF-7 Breast Cancer Cells Leads to DNA Damage. <i>Polymers</i> , 2021 , 13,	4.5	2
14	Complexation with Random Methyl-β-Cyclodextrin and (2-Hydroxypropyl)-β-Cyclodextrin Enhances In Vivo Anti-Fibrotic and Anti-Inflammatory Effects of Chrysin via the Inhibition of NF-κB and TGF-β1/Smad Signaling Pathways and Modulation of Hepatic Pro/Anti-Fibrotic miRNA. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
13	The Cellular and Molecular Patterns Involved in the Neural Differentiation of Adipose-Derived Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1298, 23-41	3.6	1
12	Polyphenol contents of five of medicinal plants from Cameroon and effects of their extracts on antioxidant capacities of human breast cancer cells. <i>Toxicological and Environmental Chemistry</i> , 2014 , 96, 1120-1130	1.4	1
11	Characteristics Of Vacuum Deposited Sucrose Thin Films. <i>Springer Proceedings in Physics</i> , 2009 , 67-71	0.2	1
10	In Vitro Cytotoxic Protective Effect of Alginate-Encapsulated Capsaicin Might Improve Skin Side Effects Associated with the Topical Application of Capsaicin. <i>Molecules</i> , 2021 , 26,	4.8	1

9	Human Adipose-Derived Stem Cells for Tissue Engineering Approaches: Current Challenges and Perspectives 2018 ,		1
8	Interrogating Epigenome toward Personalized Approach in Cutaneous Melanoma. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
7	Electrospinning Fabrication and Cytocompatibility Investigation of Nanodiamond Particles-Gelatin Fibrous Tubular Scaffolds for Nerve Regeneration. <i>Polymers</i> , 2021 , 13,	4.5	1
6	Gene expression involved in the sexual development of Best Beluga hybrid sturgeons. <i>Journal of Fish Biology</i> , 2018 , 93, 1021-1026	1.9	0
5	Epitranscriptomic signatures in stem cell differentiation to the neuronal lineage. <i>RNA Biology</i> , 2021 , 1-114.8		0
4	Liquid Biopsy and Artificial Intelligence as Tools to Detect Signatures of Colorectal Malignancies: A Modern Approach in Patient Stratification.. <i>Frontiers in Oncology</i> , 2022 , 12, 856575	5.3	0
3	5FU Delivery through Biocompatible SF/PEG Nanoshuttles Modulates Colorectal Cancer Cells Migration and Invasion Potential and Alters the Inflammatory Cytokines Expression Profile. <i>Proceedings (mdpi)</i> , 2021 , 78, 9	0.3	
2	Genetic profile analysis of aquaculture Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) Implications for restocking measures. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , 2017 , 63, 361-376	0.9	
1	Morphological variability and teratologies in the stag beetle <i>Lucanus cervus</i> (Coleoptera: Lucanidae) from Romania. <i>Biologia (Poland)</i> , 2021 , 76, 2181-2193	1.5	