

# Marieta D Costache

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 23,	6.3	4
133	Liquid Biopsy and Artificial Intelligence as Tools to Detect Signatures of Colorectal Malignancies: A Modern Approach in Patient Stratification.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 856575	5.3	0
132	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> , <b>2021</b> , 78, 9	0.3	
131	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> , <b>2021</b> , 1312, 139-163	3.6	5
130	In Vitro Cytotoxic Protective Effect of Alginate-Encapsulated Capsaicin Might Improve Skin Side Effects Associated with the Topical Application of Capsaicin. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
129	Current Landscape in Organic Nanosized Materials Advances for Improved Management of Colorectal Cancer Patients. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
128	Fabrication and properties of alginate-hydroxyapatite biocomposites as efficient biomaterials for bone regeneration. <i>European Polymer Journal</i> , <b>2021</b> , 151, 110444	5.2	4
127	Bio- and Hemo-Compatible Silk Fibroin PEGylated Nanocarriers for 5-Fluorouracil Chemotherapy in Colorectal Cancer: In Vitro Studies. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
126	In Vitro Interaction of Doxorubicin-Loaded Silk Sericin Nanocarriers with MCF-7 Breast Cancer Cells Leads to DNA Damage. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
125	Nanocellulose-enriched hydrocolloid-based hydrogels designed using a Ca <sup>2+</sup> free strategy based on citric acid. <i>Materials and Design</i> , <b>2021</b> , 197, 109200	8.1	13
124	Oxidative Stress and Antioxidant Defense Mechanisms in Response to Starvation and Refeeding in the Intestine of Stellate Sturgeon ( <i>Stellera</i> ) Juveniles from Aquaculture. <i>Animals</i> , <b>2021</b> , 11,	3.1	6
123	Morphological variability and teratologies in the stag beetle <i>Lucanus cervus</i> (Coleoptera: Lucanidae) from Romania. <i>Biologia (Poland)</i> , <b>2021</b> , 76, 2181-2193	1.5	
122	Complexation with Random Methyl- $\beta$ -Cyclodextrin and (2-Hydroxypropyl)- $\beta$ -Cyclodextrin Enhances In Vivo Anti-Fibrotic and Anti-Inflammatory Effects of Chrysin via the Inhibition of NF- $\kappa$ B and TGF- $\beta$ /Smad Signaling Pathways and Modulation of Hepatic Pro/Anti-Fibrotic miRNA. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
121	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> , <b>2021</b> , 13,	6.4	4
120	Epitranscriptomic signatures in stem cell differentiation to the neuronal lineage. <i>RNA Biology</i> , <b>2021</b> , 1-14.8		0
119	Interrogating Epigenome toward Personalized Approach in Cutaneous Melanoma. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
118	Electrospinning Fabrication and Cytocompatibility Investigation of Nanodiamond Particles-Gelatin Fibrous Tubular Scaffolds for Nerve Regeneration. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1

117	In Vitro Macrophage Immunomodulation by Poly(ε-caprolactone) Based-Coated AZ31 Mg Alloy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
116	The Cellular and Molecular Patterns Involved in the Neural Differentiation of Adipose-Derived Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1298, 23-41	3.6	1
115	Cellular Interplay as a Consequence of Inflammatory Signals Leading to Liver Fibrosis Development. <i>Cells</i> , <b>2020</b> , 9,	7.9	23
114	Assessment of genetic diversity in main local sheep breeds from Romania using microsatellite markers. <i>Archives Animal Breeding</i> , <b>2020</b> , 63, 53-59	1.6	7
113	Inflammation and Inflammasomes: Pros and Cons in Tumorigenesis. <i>Journal of Immunology Research</i> , <b>2020</b> , 2020, 2549763	4.5	7
112	Interplay between Cellular and Molecular Mechanisms Underlying Inflammatory Bowel Diseases Development-A Focus on Ulcerative Colitis. <i>Cells</i> , <b>2020</b> , 9,	7.9	10
111	Deciphering the Molecular Landscape of Cutaneous Squamous Cell Carcinoma for Better Diagnosis and Treatment. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	11
110	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> , <b>2020</b> , 110, 110714	8.3	16
109	The Non-Coding Landscape of Cutaneous Malignant Melanoma: A Possible Route to Efficient Targeted Therapy. <i>Cancers</i> , <b>2020</b> , 12,	6.6	9
108	Multi-Omics Data Integration in Extracellular Vesicle Biology-Utopia or Future Reality?. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	15
107	Complexation with Random Methyl-β-Cyclodextrin and (2-Hydroxypropyl)-β-Cyclodextrin Promotes Chrysin Effect and Potential for Liver Fibrosis Therapy. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
106	Comprehensive Appraisal of Graphene-Oxide Ratio in Porous Biopolymer Hybrids Targeting Bone-Tissue Regeneration. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	6
105	Connecting the Missing Dots: ncRNAs as Critical Regulators of Therapeutic Susceptibility in Breast Cancer. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
104	Cyclodextrin Complexation Improves the Solubility and Caco-2 Permeability of Chrysin. <i>Materials</i> , <b>2020</b> , 13,	3.5	10
103	Effects of Cetylated Fatty Acids Mixture from Celadrin on Chondrogenesis and Inflammation with Impact on Osteoarthritis. <i>Cartilage</i> , <b>2020</b> , 11, 88-97	3	5
102	Ceramics based on calcium phosphates substituted with magnesium ions for bone regeneration. <i>International Journal of Applied Ceramic Technology</i> , <b>2020</b> , 17, 342-353	2	5
101	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> , <b>2020</b> , 13,	3.5	3
100	Genetic analysis of populations of brown trout ( <i>Salmo trutta</i> L.) from the Romanian Carpathians. <i>Aquatic Living Resources</i> , <b>2019</b> , 32, 23	1.5	3

99	Epitranscriptomic Signatures in lncRNAs and Their Possible Roles in Cancer. <i>Genes</i> , <b>2019</b> , 10,	4.2	53
98	Nanocomposite foams based on flexible biobased thermoplastic polyurethane and ZnO nanoparticles as potential wound dressing materials. <i>Materials Science and Engineering C</i> , <b>2019</b> , 104, 109893	8.3	35
97	Nanobiomaterials for tissue engineering <b>2019</b> , 1-21		3
96	Poly(3-hydroxybutyrate-CO-3-hydroxyvalerate) PHBHV biocompatible nanocarriers for 5-FU delivery targeting colorectal cancer. <i>Drug Delivery</i> , <b>2019</b> , 26, 318-327	7	28
95	Efficiency of Multiparticulate Delivery Systems Loaded with Flufenamic Acid Designed for Burn Wound Healing Applications. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 4513108	4.5	9
94	Antimicrobial applications of MAPLE processed coatings based on PLGA and lincomycin functionalized magnetite nanoparticles. <i>Applied Surface Science</i> , <b>2019</b> , 484, 587-599	6.7	7
93	Versatile Biomaterial Platform Enriched with Graphene Oxide and Carbon Nanotubes for Multiple Tissue Engineering Applications. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	19
92	Fabrication and Biocompatibility Evaluation of Nanodiamonds-Gelatin Electrospun Materials Designed for Prospective Tissue Regeneration Applications. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
91	Graphene Oxide Enhances Chitosan-Based 3D Scaffold Properties for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	38
90	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> , <b>2019</b> , 66, 47-59	2	4
89	Reinforcing involvement of NK cells in psoriasisform dermatitis animal model. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 18, 4956-4966	2.1	2
88	Proteomic Technology "Lens" for Epithelial-Mesenchymal Transition Process Identification in Oncology. <i>Analytical Cellular Pathology</i> , <b>2019</b> , 2019, 3565970	3.4	6
87	Hema-Functionalized Graphene Oxide: a Versatile Nanofiller for Poly(Propylene Fumarate)-Based Hybrid Materials. <i>Scientific Reports</i> , <b>2019</b> , 9, 18685	4.9	13
86	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , <b>2019</b> , 1643-1664	0.6	5
85	Positioning Europe for the EPITRANSCRIPTOMICS challenge. <i>RNA Biology</i> , <b>2018</b> , 15, 829-831	4.8	14
84	Expression Characterization of Six Genes Possibly Involved in Gonad Development for Stellate Sturgeon Individuals (, Pallas 1771). <i>International Journal of Genomics</i> , <b>2018</b> , 2018, 7835637	2.5	11
83	Synergistic effect of carbon nanotubes and graphene for high performance cellulose acetate membranes in biomedical applications. <i>Carbohydrate Polymers</i> , <b>2018</b> , 183, 50-61	10.3	50
82	Chemoprevention of Colorectal Cancer by Dietary Compounds. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	39

81	Gene expression involved in the sexual development of Best Beluga hybrid sturgeons. <i>Journal of Fish Biology</i> , <b>2018</b> , 93, 1021-1026	1.9	0
80	Collagen-Based Hydrogels and Their Applications for Tissue Engineering and Regenerative Medicine. <i>Polymers and Polymeric Composites</i> , <b>2018</b> , 1-21	0.6	3
79	Human Adipose-Derived Stem Cells for Tissue Engineering Approaches: Current Challenges and Perspectives <b>2018</b> ,		1
78	Porous poly(l-lactic acid) nanocomposite scaffolds with functionalized TiO <sub>2</sub> nanoparticles: properties, cytocompatibility and drug release capability. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 11151-11166	4.3	13
77	Biochemical, Histopathological and Molecular Responses in Gills of <i>Leuciscus cephalus</i> Exposed to Metals. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2017</b> , 73, 607-618	3.2	6
76	Chitosan-Graphene Oxide 3D scaffolds as Promising Tools for Bone Regeneration in Critical-Size Mouse Calvarial Defects. <i>Scientific Reports</i> , <b>2017</b> , 7, 16641	4.9	72
75	Adiponectin: possible link between metabolic stress and oxidative stress in the elderly. <i>Aging Clinical and Experimental Research</i> , <b>2017</b> , 29, 621-629	4.8	25
74	Use of DNA barcoding in the assignment of commercially valuable fish species from Romania. <i>Aquatic Living Resources</i> , <b>2017</b> , 30, 20	1.5	6
73	Poly(HydroxyButyrate-co-HydroxyValerate) (PHBHV) Nanocarriers for Silymarin Release as Adjuvant Therapy in Colo-rectal Cancer. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 508	5.6	20
72	Fabrication of Novel Silk Fibroin - LDHs Composite Architectures for Potential Bone Tissue Engineering <b>2017</b> , 54, 659-665		4
71	Genetic profile analysis of aquaculture Russian sturgeon ( <i>Acipenser gueldenstaedtii</i> ) Implications for restocking measures. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , <b>2017</b> , 63, 361-376	0.9	
70	First report of OXA-72 producing <i>Acinetobacter baumannii</i> in Romania. <i>New Microbes and New Infections</i> , <b>2016</b> , 13, 87-8	4.1	3
69	Gelatin-poly(vinyl alcohol) porous biocomposites reinforced with graphene oxide as biomaterials. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 282-291	7.3	33
68	Electrochemical comparison and biological performance of a new CoCrNbMoZr alloy with commercial CoCrMo alloy. <i>Materials Science and Engineering C</i> , <b>2016</b> , 59, 346-355	8.3	12
67	The Impact of Graphene Oxide on Bone Regeneration Therapies <b>2016</b> ,		3
66	Colon Cancer Cells Gene Expression Signature As Response to 5- Fluorouracil, Oxaliplatin, and Folinic Acid Treatment. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 172	5.6	24
65	About electrochemical stability and biocompatibility of two types of CoCr commercial dental alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , <b>2016</b> , 67, 1096-1104	1.6	6
64	Origin and genetic diversity of Romanian Racka sheep using mitochondrial markers. <i>Small Ruminant Research</i> , <b>2016</b> , 144, 276-282	1.7	5


63	Impact of multicellular tumor spheroids as an in vivo-like tumor model on anticancer drug response. <i>International Journal of Oncology</i> , <b>2016</b> , 48, 2295-302	4.4	38
62	Effect of carboxylic acid functionalized graphene on physical-chemical and biological performances of polysulfone porous films. <i>Polymer</i> , <b>2016</b> , 92, 1-12	3.9	8
61	Histopatological 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> , <b>2015</b> , 119, 198-205	7	55
60	Dose-related effects of sericin on preadipocyte behavior within collagen/sericin hybrid scaffolds. <i>Progress in Natural Science: Materials International</i> , <b>2015</b> , 25, 122-130	3.6	20
59	Extracellular matrix is modulated in advanced glycation end products milieu via a RAGE receptor dependent pathway boosted by transforming growth factor- $\beta$ RAGE. <i>Journal of Diabetes</i> , <b>2015</b> , 7, 114-24	3.8	24
58	Evaluation of Genetic Diversity in Fish Using Molecular Markers <b>2015</b> ,		4
57	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> , <b>2015</b> , 2015, 252909	5	23
56	In Vitro Studies of Bacterial Cellulose and Magnetic Nanoparticles Smart Nanocomposites for Efficient Chronic Wounds Healing. <i>Stem Cells International</i> , <b>2015</b> , 2015, 195096	5	28
55	Antioxidant and hepatoprotective activity of milk thistle ( <i>Silybum marianum</i> L. Gaertn.) seed oil. <i>Open Life Sciences</i> , <b>2015</b> , 10,	1.2	8
54	Synthesis, characterization and in vitro studies of polysulfone/graphene oxide composite membranes. <i>Composites Part B: Engineering</i> , <b>2015</b> , 72, 108-115	10	62
53	In vitro performance assessment of new beta Ti-Mo-Nb alloy compositions. <i>Materials Science and Engineering C</i> , <b>2015</b> , 47, 105-13	8.3	32
52	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, Sciences de la Vie</i> , <b>2015</b> , 57, 9-19	0.5	3
51	KRAS gene mutations - prognostic factor in colorectal cancer?. <i>Romanian Journal of Morphology and Embryology</i> , <b>2015</b> , 56, 671-8	0.6	10
50	Synthesis, characterization, and in vitro studies of graphene oxide/chitosan-polyvinyl alcohol films. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 813-20	10.3	102
49	Reduced inflammatory activity of RAW 264.7 macrophages on titania nanotube modified Ti surface. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 55, 187-95	5.6	77
48	Antioxidant and hepatoprotective effects of naringenin and its $\beta$ -cyclodextrin formulation in mice intoxicated with carbon tetrachloride: a comparative study. <i>Journal of Medicinal Food</i> , <b>2014</b> , 17, 670-7	2.8	33
47	Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. <i>Genetics and Molecular Biology</i> , <b>2014</b> , 37, 587-97	2	6
46	Bioevaluation of novel anti-biofilm coatings based on PVP/Fe <sub>3</sub> O <sub>4</sub> nanostructures and 2-((4-ethylphenoxy)methyl)-N-(arylcarbamothioyl)benzamides. <i>Molecules</i> , <b>2014</b> , 19, 12011-30	4.8	11



45	In vitro cytocompatibility evaluation of chitosan/graphene oxide 3D scaffold composites designed for bone tissue engineering. <i>Bio-Medical Materials and Engineering</i> , <b>2014</b> , 24, 2249-56	1	68
44	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> , <b>2014</b> , 96, 1120-1130	1.4	1
43	Perilipin expression reveals adipogenic potential of hADSCs inside superporous polymeric cellular delivery systems. <i>BioMed Research International</i> , <b>2014</b> , 2014, 830791	3	3
42	Comparative study of leptin and leptin receptor gene expression in different swine breeds. <i>Genetics and Molecular Research</i> , <b>2014</b> , 13, 7140-8	1.2	7
41	Zoonotic <i>Cryptosporidium parvum</i> in Romanian newborn lambs ( <i>Ovis aries</i> ). <i>Veterinary Parasitology</i> , <b>2013</b> , 191, 119-22	2.8	41
40	Protective effects of naringenin on carbon tetrachloride-induced acute nephrotoxicity in mouse kidney. <i>Chemico-Biological Interactions</i> , <b>2013</b> , 205, 138-47	5	67
39	Biocompatibility assessment of novel collagen-sericin scaffolds improved with hyaluronic Acid and chondroitin sulfate for cartilage regeneration. <i>BioMed Research International</i> , <b>2013</b> , 2013, 598056	3	40
38	Sericin enhances the bioperformance of collagen-based matrices preseeded with human-adipose derived stem cells (hADSCs). <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 1870-89	6.3	33
37	Preparation and in vitro, bulk, and surface investigation of chitosan/graphene oxide composite films. <i>Polymer Composites</i> , <b>2013</b> , 34, 2116-2124	3	17
36	Genetic Diversity of Brown Trout Populations Using Mitochondrial Markers In Relatively Similar Geographical and Ecological Conditions In Carpathian Case Study. <i>Transylvanian Review of Systematical and Ecological Research</i> , <b>2013</b> , 15, 125-132	0.6	2
35	Hybrid dextran-iron oxide thin films deposited by laser techniques for biomedical applications. <i>Materials Science and Engineering C</i> , <b>2012</b> , 32, 296-302	8.3	13
34	Layer-shaped alginate hydrogels enhance the biological performance of human adipose-derived stem cells. <i>BMC Biotechnology</i> , <b>2012</b> , 12, 35	3.5	33
33	Biomedical properties and preparation of iron oxide-dextran nanostructures by MAPLE technique. <i>Chemistry Central Journal</i> , <b>2012</b> , 6, 17		33
32	Hepatoprotective effects of <i>Berberis vulgaris</i> L. extract/ $\beta$ -cyclodextrin on carbon tetrachloride-induced acute toxicity in mice. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 9014-34	6.3	23
31	Site heteroplasmy in the mitochondrial cytochrome b gene of the sterlet sturgeon <i>Acipenser ruthenus</i> . <i>Genetics and Molecular Biology</i> , <b>2012</b> , 35, 886-91	2	8
30	Downregulation of hsp22 gene expression in <i>Drosophila melanogaster</i> from sites located near chemical plants. <i>Genetics and Molecular Research</i> , <b>2012</b> , 11, 739-45	1.2	5
29	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> , <b>2012</b> , 38, 963-975	2.7	10
28	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> , <b>2012</b> , 13, 2515-20	6.3	4

27	Phylogenetic relationships of the mangalitsa Swine breed inferred from mitochondrial DNA variation. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 8467-81	6.3	3
26	Structural and oxidative changes in the kidney of crucian carp induced by silicon-based quantum dots. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 10193-211	6.3	15
25	Modulation of adipogenic conditions for prospective use of hADSCs in adipose tissue engineering. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 15881-900	6.3	26
24	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> , <b>2012</b> , 94, 987-999	6.1	6
23	Adapted response of the antioxidant defense system to oxidative stress induced by deoxynivalenol in Hek-293 cells. <i>Toxicon</i> , <b>2011</b> , 57, 1023-32	2.8	42
22	Phylogenetic relationships of the Hucul horse from Romania inferred from mitochondrial D-loop variation. <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 4104-13	1.2	17
21	Controversial behavior of aminoguanidine in the presence of either reducing sugars or soluble glycosylated bovine serum albumin. <i>Carbohydrate Research</i> , <b>2011</b> , 346, 2872-80	2.9	3
20	Nuclear markers of Danube Sturgeons hybridization. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 6796-809	6.3	34
19	Characterization of Sucrose Thin Films for Biomedical Applications. <i>Journal of Nanomaterials</i> , <b>2011</b> , 2011, 1-6	3.2	6
18	<i>Sinanodonta woodiana</i> (Mollusca: Bivalvia: Unionidae): isolation and characterization of the first microsatellite markers. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 5255-60	6.3	7
17	In vitro cytotoxicity and antioxidant activities of five medicinal plants of Malvaceae family from Cameroon. <i>Environmental Toxicology and Pharmacology</i> , <b>2010</b> , 29, 223-8	5.8	24
16	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> , <b>2010</b> , 58, 757-64	3.2	55
15	Malathion-induced alteration of the antioxidant defence system in kidney, gill, and intestine of <i>Carassius auratus gibelio</i> . <i>Environmental Toxicology</i> , <b>2009</b> , 24, 523-30	4.2	27
14	Nucleoside reverse transcriptase inhibitor resistance mutations in subtype F1 strains isolated from heavily treated adolescents in Romania. <i>International Journal of Infectious Diseases</i> , <b>2009</b> , 13, 81-9	10.5	7
13	Characteristics Of Vacuum Deposited Sucrose Thin Films. <i>Springer Proceedings in Physics</i> , <b>2009</b> , 67-71	0.2	1
12	Nanoporous silicon matrix used as biomaterial. <i>Journal of Alloys and Compounds</i> , <b>2007</b> , 434-435, 830-832	5.7	8
11	Enzymes with new biochemical properties in the pectinolytic complex produced by <i>Aspergillus niger</i> MIUG 16. <i>Journal of Biotechnology</i> , <b>2007</b> , 131, 128-37	3.7	48
10	Point Mutations and Deletion Responsible for the Bombay H null and the Reunion H weak Blood Groups. <i>Vox Sanguinis</i> , <b>1998</b> , 75, 37-46	3.1	48



9	The activity of some digestive enzymes in domestic rabbits before and after weaning. <i>Animal Science</i> , <b>1998</b> , 66, 501-507		20
8	Point Mutations and Deletion Responsible for the Bombay H null and the Reunion H weak Blood Groups <b>1998</b> , 75, 37		5
7	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> , <b>1997</b> , 272, 21994-8	5.4	42
6	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> , <b>1997</b> , 272, 8764-73	5.4	68
5	Evolution of fucosyltransferase genes in vertebrates. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 29721-8	5.4	88
4	Advances in molecular genetics of alpha-2- and alpha-3/4-fucosyltransferases. <i>Transfusion Clinique Et Biologique</i> , <b>1997</b> , 4, 367-82	1.9	43
3	. <i>IEEE Transactions on Electron Devices</i> , <b>1984</b> , 31, 1614-1628	2.9	92
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