

Sylwia Michlewska

List of Publications by Year in descending order

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53
papers

636
citations

643344

15
h-index

799663

21
g-index

55
all docs

55
docs citations

55
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippophae rhamnoides L. leaf and twig extracts as rich sources of nutrients and bioactive compounds with antioxidant activity. <i>Scientific Reports</i> , 2022, 12, 1095.	1.6	5
2	Unmodified and tyrosine-modified polyethylenimines as potential carriers for siRNA: Biophysical characterization and toxicity. <i>International Journal of Pharmaceutics</i> , 2022, 614, 121468.	2.6	8
3	IL-33 prevents the enhancement of APN, DPP4, and ACE2 expression induced by rhinovirus HRV16 in the human lung endothelium—potential implications for coronaviral airway infections. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1610-1613.	2.7	0
4	Controlling the Spatiotemporal Release of Nerve Growth Factor by Chitosan/Polycaprolactone Conduits for Use in Peripheral Nerve Regeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2852.	1.8	12
5	Dysregulation in the Expression of Platelet Surface Receptors in Acute Coronary Syndrome Patients—Emphasis on P2Y12. <i>Biology</i> , 2022, 11, 644.	1.3	2
6	Human rhinovirus HRV16 impairs barrier functions and regeneration of human lung vascular endothelium. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1872-1875.	2.7	6
7	Evaluation of dendronized gold nanoparticles as siRNAs carriers into cancer cells. <i>Journal of Molecular Liquids</i> , 2021, 324, 114726.	2.3	15
8	Measurement methods for the mechanical testing and biocompatibility assessment of polymer-ceramic connective tissue replacements. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 171, 108733.	2.5	11
9	Combined therapy of ruthenium dendrimers and anti-cancer drugs against human leukemic cells. <i>Dalton Transactions</i> , 2021, 50, 9500-9511.	1.6	8
10	Disturbance of cellular homeostasis as a molecular risk evaluation of human endothelial cells exposed to nanoparticles. <i>Scientific Reports</i> , 2021, 11, 3849.	1.6	12
11	The Effect of Pore Size Distribution and L-Lysine Modified Apatite Whiskers (HAP) on Osteoblasts Response in PLLA/HAP Foam Scaffolds Obtained in the Thermally Induced Phase Separation Process. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3607.	1.8	11
12	Ten-eleven translocation methylcytosine dioxygenase 3-loaded microspheres penetrate neurons in vitro causing active demethylation and neurite outgrowth. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 463-474.	1.3	1
13	IL-33 augments the effect of rhinovirus HRV16 on inflammatory activity of human lung vascular endothelium—possible implications for rhinoviral asthma exacerbations. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2282-2285.	2.7	6
14	Interaction of Cationic Carbosilane Dendrimers and Their siRNA Complexes with MCF-7 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7097.	1.8	11
15	H3K4me3 Histone ChIP-Seq Analysis Reveals Molecular Mechanisms Responsible for Neutrophil Dysfunction in HIV-Infected Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 682094.	2.2	5
16	The Effect of Photoperiod on Necrosis Development, Photosynthetic Efficiency and “Green Islands” Formation in Brassica juncea Infected with Alternaria brassicicola. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8435.	1.8	4
17	CBP/p300 Bromodomain Inhibitor—CBP112 Declines Transcription of the Key ABC Transporters and Sensitizes Cancer Cells to Chemotherapy Drugs. <i>Cancers</i> , 2021, 13, 4614.	1.7	12
18	Organometallic dendrimers based on Ruthenium(II) N-heterocyclic carbenes and their implication as delivery systems of anticancer small interfering RNA. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111540.	1.5	16

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19	Dendronized Gold Nanoparticles as Carriers for gp160 (HIV-1) Peptides: Biophysical Insight into Complex Formation. <i>Langmuir</i> , 2021, 37, 1542-1550.	1.6	10
20	Nanoparticles for local delivery of siRNA in lung therapy. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114038.	6.6	23
21	Interferon-dependant and immune cell-based mechanisms of antiviral resistance of the human lung vascular endothelium infected with rhinovirus HRV16. , 2021, , .		0
22	Multiple Sclerosis CD49d+CD154+ As Myelin-Specific Lymphocytes Induced During Remyelination. <i>Cells</i> , 2020, 9, 15.	1.8	10
23	Copper (II) Metallodendrimers Combined with Pro-Apoptotic siRNAs as a Promising Strategy Against Breast Cancer Cells. <i>Pharmaceutics</i> , 2020, 12, 727.	2.0	17
24	Additive interactions of nanoparticulate ZnO with copper, manganese and iron in <i>Pisum sativum</i> L., a hydroponic study. <i>Scientific Reports</i> , 2020, 10, 13574.	1.6	15
25	Bioactive Compounds and Antiradical Activity of the <i>Rosa canina</i> L. Leaf and Twig Extracts. <i>Agronomy</i> , 2020, 10, 1897.	1.3	12
26	Ruthenium Dendrimers against Human Lymphoblastic Leukemia 1301 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4119.	1.8	20
27	Generation Dependent Effects and Entrance to Mitochondria of Hybrid Dendrimers on Normal and Cancer Neuronal Cells In Vitro. <i>Biomolecules</i> , 2020, 10, 427.	1.8	9
28	Glypican-1 Level Is Elevated in Extracellular Vesicles Released from MC38 Colon Adenocarcinoma Cells Overexpressing Snail. <i>Cells</i> , 2020, 9, 1585.	1.8	10
29	Measurement methodology toward determination of structure-property relationships in acrylic hydrogels with starch and nanogold designed for biomedical applications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 156, 107608.	2.5	13
30	Visualization of Estrogen Receptors in Colons of Mice with TNBS-Induced Crohn's Disease using Immunofluorescence. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
31	A Multiparametric Study of Internalization of Fullerol C60(OH)36 Nanoparticles into Peripheral Blood Mononuclear Cells: Cytotoxicity in Oxidative Stress Induced by Ionizing Radiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2281.	1.8	9
32	Ruthenium dendrimers against acute promyelocytic leukemia: <i>in vitro</i> studies on HL-60 cells. <i>Future Medicinal Chemistry</i> , 2019, 11, 1741-1756.	1.1	14
33	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. <i>Biomolecules</i> , 2019, 9, 411.	1.8	19
34	Piceatannol effectively counteracts glyceraldehyde-3-phosphate dehydrogenase aggregation and nuclear translocation in hippocampal cells. <i>Journal of Functional Foods</i> , 2019, 58, 180-188.	1.6	4
35	Dendrimer for Templating the Growth of Porous Catechol-Coordinated Titanium Dioxide Frameworks: Toward Hemocompatible Nanomaterials. <i>ACS Applied Nano Materials</i> , 2019, 2, 2979-2990.	2.4	18
36	G protein-coupled estrogen receptor mediates anti-inflammatory action in Crohn's disease. <i>Scientific Reports</i> , 2019, 9, 6749.	1.6	29

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37	In Vitro Anticancer Properties of Copper Metallo dendrimers. <i>Biomolecules</i> , 2019, 9, 155.	1.8	22
38	Influence of Gemini Surfactants on Biochemical Profile and Ultrastructure of <i>Aspergillus brasiliensis</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 245.	1.3	5
39	MS CD49d+CD154+ Lymphocytes Reprogram Oligodendrocytes into Immune Reactive Cells Affecting CNS Regeneration. <i>Cells</i> , 2019, 8, 1508.	1.8	7
40	Combination of Ruthenium Dendrimers and Acoustically Propelled Gold Nanowires as a Platform for Active Intracellular Drug Delivery Towards Breast Cancer Therapy. <i>Clinical Oncology and Research</i> , 2019, , 1-5.	0.1	4
41	Ruthenium dendrimers as carriers for anticancer siRNA. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 18-27.	1.5	33
42	Functional consequences of piceatannol binding to glyceraldehyde-3-phosphate dehydrogenase. <i>PLoS ONE</i> , 2018, 13, e0190656.	1.1	13
43	Ruthenium metallo dendrimers with anticancer potential in an acute promyelocytic leukemia cell line (HL60). <i>European Polymer Journal</i> , 2017, 87, 39-47.	2.6	34
44	Analysis of <i>Triticum aestivum</i> seedling response to the excess of zinc. <i>Protoplasma</i> , 2016, 253, 367-377.	1.0	36
45	Effect of dendrimers on selected enzymes – Evaluation of nano carriers. <i>International Journal of Pharmaceutics</i> , 2016, 499, 247-254.	2.6	21
46	Effect of Soil Moisture on Morpho-Anatomical Leaf Traits of <i>Ranunculus acris</i> (<i>Ranunculaceae</i>). <i>Polish Journal of Ecology</i> , 2015, 63, 400-413.	0.2	10
47	Dendrimers complexed with HIV-1 peptides interact with liposomes and lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 907-915.	1.4	20
48	Physiological and antioxidant responses of two accessions of <i>Arabidopsis thaliana</i> in different light and temperature conditions. <i>Physiologia Plantarum</i> , 2015, 154, 194-209.	2.6	9
49	Seasonal leaf dimorphism in <i>Potentilla argentea</i> L. var. <i>tenuiloba</i> (Jord.) Sw. (<i>Rosaceae</i>). <i>Acta Botanica Croatica</i> , 2015, 74, 53-70.	0.3	4
50	Effect of functionalized and non-functionalized nanodiamond on the morphology and activities of antioxidant enzymes of lung epithelial cells (A549). <i>Chemico-Biological Interactions</i> , 2014, 222, 135-147.	1.7	13
51	The effect of EDTA and EDDS on lead uptake and localization in hydroponically grown <i>Pisum sativum</i> L.. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 399-408.	1.0	7
52	Intracellular transport of nanodiamond particles in human endothelial and epithelial cells. <i>Chemico-Biological Interactions</i> , 2014, 219, 90-100.	1.7	19
53	Changes Within H3K4me3-Marked Histone Reveal Molecular Background of Neutrophil Functional Plasticity. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1