

Anna Bogucka-Kocka

List of Publications by Year in descending order

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94
papers

1,649
citations

279778

23
h-index

377849

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95
all docs

95
docs citations

95
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Sporadic Alzheimer's Disease Begins as Episodes of Brain Ischemia and Ischemically Dysregulated Alzheimer's Disease Genes. <i>Molecular Neurobiology</i> , 2013, 48, 500-515.	4.0	92
2	Dysregulation of Amyloid- β Protein Precursor, β -Secretase, Presenilin 1 and 2 Genes in the Rat Selectively Vulnerable CA1 Subfield of Hippocampus Following Transient Global Brain Ischemia. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 1047-1056.	2.6	60
3	Two-dimensional thin-layer chromatography with adsorbent gradient as a method of chromatographic fingerprinting of furanocoumarins for distinguishing selected varieties and forms of <i>Heracleum</i> spp.. <i>Journal of Chromatography A</i> , 2008, 1207, 160-168.	3.7	56
4	Phenolic acid content, antioxidant and cytotoxic activities of four <i>Kalanchoe</i> species. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 622-630.	3.8	56
5	Ischemic tau protein gene induction as an additional key factor driving development of Alzheimer's phenotype changes in CA1 area of hippocampus in an ischemic model of Alzheimer's disease. <i>Pharmacological Reports</i> , 2018, 70, 881-884.	3.3	53
6	Antioxidant, Anti-Inflammatory, and Postulated Cytotoxic Activity of Phenolic and Anthocyanin-Rich Fractions from Polana Raspberry (<i>Rubus idaeus</i> L.) Fruit and Juice? In Vitro Study. <i>Molecules</i> , 2018, 23, 1812.	3.8	51
7	Autophagy, mitophagy and apoptotic gene changes in the hippocampal CA1 area in a rat ischemic model of Alzheimer's disease. <i>Pharmacological Reports</i> , 2017, 69, 1289-1294.	3.3	47
8	Dysregulation of Autophagy, Mitophagy, and Apoptotic Genes in the Medial Temporal Lobe Cortex in an Ischemic Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 113-121.	2.6	46
9	Discrepancy in Expression of β -Secretase and Amyloid- β Protein Precursor in Alzheimer-Related Genes in the Rat Medial Temporal Lobe Cortex Following Transient Global Brain Ischemia. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1023-1031.	2.6	45
10	Expression of the Tau Protein and Amyloid Protein Precursor Processing Genes in the CA3 Area of the Hippocampus in the Ischemic Model of Alzheimer's Disease in the Rat. <i>Molecular Neurobiology</i> , 2020, 57, 1281-1290.	4.0	43
11	The start-to-end chemometric image processing of 2D thin-layer videoscans. <i>Journal of Chromatography A</i> , 2011, 1218, 2820-2825.	3.7	39
12	Alzheimer-associated presenilin 2 gene is dysregulated in rat medial temporal lobe cortex after complete brain ischemia due to cardiac arrest. <i>Pharmacological Reports</i> , 2016, 68, 155-161.	3.3	39
13	Pinostrobin – An Anti-Leukemic Flavonoid from <i>Polygonum lapathifolium</i> L. ssp. <i>nodosum</i> (Pers.) Dans. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 64-68.	1.4	36
14	Two-Dimensional Thin-Layer Chromatography of Selected Coumarins. <i>Journal of Chromatographic Science</i> , 2006, 44, 510-517.	1.4	36
15	Selected secondary metabolites in <i>Echium vulgare</i> L. populations from nonmetalliferous and metalliferous areas. <i>Phytochemistry</i> , 2017, 133, 4-14.	2.9	34
16	Cytotoxic and Proapoptotic Activity of Sanguinarine, Berberine, and Extracts of <i>Chelidonium majus</i> L. and <i>Berberis thunbergii</i> DC. toward Hematopoietic Cancer Cell Lines. <i>Toxins</i> , 2019, 11, 485.	3.4	34
17	Influence of Diosmin Treatment on the Level of Oxidative Stress Markers in Patients with Chronic Venous Insufficiency. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-5.	4.0	32
18	Dysregulation of Autophagy, Mitophagy, and Apoptosis Genes in the CA3 Region of the Hippocampus in the Ischemic Model of Alzheimer's Disease in the Rat. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 1279-1286.	2.6	31

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19	Review paper Neurogenesis and neuroprotection in postischemic brain neurodegeneration with Alzheimer phenotype: is there a role for curcumin?. <i>Folia Neuropathologica</i> , 2015, 2, 89-99.	1.2	29
20	Determination of Shikonin and Rosmarinic Acid in <i>Echium vulgare</i> L. and <i>Echium russicum</i> J.F. Gmel. by Capillary Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 698-701.	1.0	29
21	Ischemia signalling to Alzheimer-related genes. <i>Folia Neuropathologica</i> , 2012, 4, 322-329.	1.2	26
22	Effect of Diosmin Administration in Patients with Chronic Venous Disorders on Selected Factors Affecting Angiogenesis. <i>Molecules</i> , 2019, 24, 3316.	3.8	26
23	Diosmin–isolation techniques, determination in plant material and pharmaceutical formulations, and clinical use. <i>Natural Product Communications</i> , 2013, 8, 545-50.	0.5	24
24	Study of cytotoxic activity, podophyllotoxin, and deoxypodophyllotoxin content in selected <i>Juniperus</i> species cultivated in Poland. <i>Pharmaceutical Biology</i> , 2015, 53, 831-837.	2.9	23
25	To treat or not to treat drug-refractory epilepsy by the ketogenic diet? That is the question. <i>Annals of Agricultural and Environmental Medicine</i> , 2016, 23, 533-536.	1.0	23
26	UPLC-MS/MS Profile of Alkaloids with Cytotoxic Properties of Selected Medicinal Plants of the <i>Berberidaceae</i> and <i>Papaveraceae</i> Families. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-7.	4.0	22
27	Dysregulation of MicroRNA Regulatory Network in Lower Extremities Arterial Disease. <i>Frontiers in Genetics</i> , 2019, 10, 1200.	2.3	22
28	Processed Fruiting Bodies of <i>Lentinus edodes</i> as a Source of Biologically Active Polysaccharides. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 470.	2.5	21
29	Synthesis and Anthelmintic Activity of New Thiosemicarbazide Derivatives—A Preliminary Study. <i>Molecules</i> , 2020, 25, 2770.	3.8	20
30	Two-Dimensional thin-layer chromatography of structural analogs. Part I: Graft TLC of selected coumarins. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 237-241.	1.2	19
31	Separation and determination of coumarins including furanocoumarins using micellar electrokinetic capillary chromatography. <i>Talanta</i> , 2018, 187, 120-124.	5.5	19
32	Brain ischemia with Alzheimer phenotype dysregulates Alzheimer's disease-related proteins. <i>Pharmacological Reports</i> , 2016, 68, 582-591.	3.3	18
33	HPLC Fingerprint Analysis with the Antioxidant and Cytotoxic Activities of Selected Lichens Combined with the Chemometric Calculations. <i>Molecules</i> , 2020, 25, 4301.	3.8	18
34	Two-dimensional thin-layer chromatography of structural analogs. Part II. Method for quantitative analysis of selected coumarins in plant material. <i>Journal of Planar Chromatography - Modern TLC</i> , 2008, 21, 447-452.	1.2	17
35	Different regulation of PARP1, PARP2, PARP3 and TRPM2 genes expression in acute myeloid leukemia cells. <i>BMC Cancer</i> , 2020, 20, 435.	2.6	17
36	Novel liquid chromatography method based on linear weighted regression for the fast determination of isoprostane isomers in plasma samples using sensitive tandem mass spectrometry detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1051, 17-23.	2.3	16

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37	Prevalence of <i>Babesia canis</i> , <i>Borrelia burgdorferi</i> sensu lato, and <i>Anaplasma phagocytophilum</i> in hard ticks collected from meadows of Lubelskie Voivodship (eastern Poland). Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach, 2014, 58, 29-33.	0.4	15
38	Phytochemical Content and Pharma-Nutrition Study on <i>Eleutherococcus senticosus</i> Fruits Intractum. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	4.0	15
39	Expression of Alzheimer's disease risk genes in ischemic brain degeneration. Pharmacological Reports, 2016, 68, 1345-1349.	3.3	15
40	Phenolic Composition of the Leaves of <i>Pyrola rotundifolia</i> L. and Their Antioxidant and Cytotoxic Activity. Molecules, 2020, 25, 1749.	3.8	15
41	Systematic Evaluation of Chromatographic Parameters for Isoquinoline Alkaloids on XB-C18 Core-Shell Column Using Different Mobile Phase Compositions. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-8.	1.6	14
42	Impact of processing on polysaccharides obtained from button mushroom (<i>Agaricus bisporus</i>). International Journal of Food Science and Technology, 2019, 54, 1405-1412.	2.7	14
43	Imaging Flow Cytometric Analysis of Stilbene-Dependent Apoptosis in Drug Resistant Human Leukemic Cell Lines. Molecules, 2019, 24, 1896.	3.8	14
44	Dysregulation of microRNA Modulatory Network in Abdominal Aortic Aneurysm. Journal of Clinical Medicine, 2020, 9, 1974.	2.4	14
45	MicroRNAs in the aqueous humor of patients with different types of glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2337-2349.	1.9	14
46	Rapid Determination of Coumarins in Plants by Capillary Electrophoresis. Analytical Letters, 2015, 48, 2819-2832.	1.8	13
47	Comparison of Analytical Methods in Chemometric Fingerprinting of Metallicolous and Non-metallicolous Populations of <i>Echium vulgare</i> L.. Phytochemical Analysis, 2016, 27, 239-248.	2.4	13
48	Volatile Constituents of <i>Melissa officinalis</i> Leaves Determined by Plant Age. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	12
49	Qualitative and quantitative determination of main alkaloids of <i>Chelidonium majus</i> L. using thin-layer chromatographic-densitometric method. Acta Chromatographica, 2017, 29, 385-397.	1.3	12
50	Dysregulations of MicroRNA and Gene Expression in Chronic Venous Disease. Journal of Clinical Medicine, 2020, 9, 1251.	2.4	12
51	Evaluation of Anthelmintic and Anti-Inflammatory Activity of 1,2,4-Triazole Derivatives. Molecules, 2022, 27, 4488.	3.8	12
52	Polyphenol Composition of Extracts of the Fruits of <i>Laserpitium Krapffii</i> Crantz and Their Antioxidant and Cytotoxic Activity. Antioxidants, 2019, 8, 363.	5.1	11
53	The BIRC Family Genes Expression in Patients with Triple Negative Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 1820.	4.1	11
54	Alzheimer's factors in postischemic dementia. Romanian Journal of Morphology and Embryology, 2012, 53, 461-6.	0.8	11

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55	<i>Eleutherococcus</i> Species Cultivated in Europe: A New Source of Compounds with Antiacetylcholinesterase, Antihyaluronidase, Anti-DPPH, and Cytotoxic Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	10
56	Nematicidal activity of naphthalimide–boron cluster conjugates. <i>Chemical Communications</i> , 2022, , .	4.1	10
57	Low-Molecular-Weight Secondary Metabolites from Fungi: <i>Cerrena unicolor</i> as a New Proposal of an Effective Preparation against <i>Rhabditis</i> Nematodes. <i>Molecules</i> , 2022, 27, 1660.	3.8	10
58	The First Case of Elbow Bursitis Caused by <i>Dirofilaria repens</i> in Humans. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz157.	0.9	9
59	Phenotypic Characterization of Adherent Cells Population CD34+ CD90+ CD105+ Derived from Wharton’s Jelly. <i>Medical Science Monitor</i> , 2017, 23, 1886-1895.	1.1	9
60	Modulation of Multidrug Resistance Gene Expression by Coumarin Derivatives in Human Leukemic Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	8
61	Thin-layer chromatography fingerprint and chemometric analysis of selected <i>Bryophyta</i> species with their cytotoxic activity. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018, 31, 28-35.	1.2	8
62	Thin-layer chromatographic fingerprint of selected <i>Paulownia</i> species with chemometrics and antioxidant activity. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 367-374.	1.0	8
63	The Correlation of Mutations and Expressions of Genes within the PI3K/Akt/mTOR Pathway in Breast Cancer—A Preliminary Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2061.	4.1	8
64	Good and bad sides of diet in Parkinson's disease. <i>Nutrition</i> , 2013, 29, 474-475.	2.4	7
65	Determination of free and bounded phenolic acids in the rhizomes and herb of <i>Sanguisorba officinalis</i> L.. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2015, 28, 254-256.	0.4	7
66	TLC fingerprint with chemometrics and antioxidant activity of selected lichens. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 302-310.	1.0	6
67	Spatio-Temporal Distribution of Cell Wall Components in the Placentas, Ovules and Female Gametophytes of <i>Utricularia</i> during Pollination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5622.	4.1	6
68	Lipophilic components and evaluation of the cytotoxic and antioxidant activities of <i>Impatiens glandulifera</i> ; <i>Royle</i> and <i>Impatiens noli tangere</i> ; <i>L.</i> (Balsaminaceae). <i>Grasas Y Aceites</i> , 2018, 69, 270.	0.9	6
69	The phenolic acids of some species of the <i>Oenothera</i> L. genus. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 64, 41-44.	0.8	6
70	Evaluation of the Impact of Pregnancy-Associated Factors on the Quality of Wharton’s Jelly-Derived Stem Cells Using SOX2 Gene Expression as a Marker. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7630.	4.1	6
71	The Effect of Furanocoumarin Derivatives on Induction of Apoptosis and Multidrug Resistance in Human Leukemic Cells. <i>Molecules</i> , 2019, 24, 1824.	3.8	5
72	Cytotoxic activity of ethanolic extracts of <i>Eleutherococcus</i> species cultivated in Poland on HL60 leukemia cell line. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2014, 27, 41-45.	0.4	5

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73	Discovery of Cinnamylidene Derivative of Rhodanine with High Anthelmintic Activity against <i>Rhabditis</i> sp.. <i>Molecules</i> , 2022, 27, 2155.	3.8	5
74	Screening various <i>Juniperus</i> species for the occurrence of umbelliferone by means of bivariate multiple development thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2013, 26, 421-426.	1.2	4
75	Comparison of phenolic content and antioxidant activity of <i>Actaea racemosa</i> L. and <i>Actaea cordifolia</i> DC. <i>Natural Product Research</i> , 2015, 29, 1149-1152.	1.8	4
76	Massive Demodicosis of the Eyes in a Patient with Sjögren Syndrome: A Case Report. <i>Acta Parasitologica</i> , 2021, 66, 677-681.	1.1	4
77	Polymorphisms of Encoding Genes IL1RN and P2RX7 in Apical Root Resorption in Patients after Orthodontic Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 777.	4.1	4
78	Identification of Transcriptomic Differences between Lower Extremities Arterial Disease, Abdominal Aortic Aneurysm and Chronic Venous Disease in Peripheral Blood Mononuclear Cells Specimens. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3200.	4.1	4
79	Fatty acids composition of fruits of selected Central European sedges (<i>Carex</i> L. Cyperaceae). <i>Grasas Y Aceites</i> , 2010, 61, 165-170.	0.9	4
80	The furanocoumarins in the roots of <i>Heracleum sibiricum</i> L. <i>Acta Poloniae Pharmaceutica</i> , 2003, 60, 391-3.	0.1	4
81	Occurrence of spontaneous and audiogenic seizures following global brain ischaemia due to cardiac arrest. <i>Folia Neuropathologica</i> , 2015, 3, 245-249.	1.2	3
82	The occurrence of <i>Entamoeba gingivalis</i> among patients with periodontal disease. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2016, 29, 86-89.	0.4	3
83	The expression BIRC6 gene in patients with chronic lymphocytic leukemia – a preliminary study. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2014, 27, 179-182.	0.4	3
84	Spatiotemporal Distribution of Homogalacturonans and Hemicelluloses in the Placentas, Ovules and Female Gametophytes of <i>Utricularia nelumbifolia</i> during Pollination. <i>Cells</i> , 2022, 11, 475.	4.1	3
85	RP-HPLC analysis of phenolic acids of selected Central European <i>Carex</i> L. (Cyperaceae) species and its implication for taxonomy. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 9-16.	1.5	3
86	Eye Tracking – An Innovative Tool in Medical Parasitology. <i>Journal of Clinical Medicine</i> , 2021, 10, 2989.	2.4	2
87	Monitoring of endostatin, TNF- α VEGFs, MMP-9, and cathepsin-L during three months of diosmin treatment in patients with chronic venous disease (CVD). <i>Acta Angiologica</i> , 2019, 25, 7-13.	0.1	2
88	Phenolic substances in <i>Ailanthus glandulosa</i> Desf. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2014, 27, 84-87.	0.4	1
89	Reversed-phase high-performance liquid chromatography fingerprint profiles of thirty-nine mosses with chemometric. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 36-41.	1.0	1
90	Effect of sodium dichloroacetate on apoptotic gene expression in human leukemia cell lines. <i>Pharmacological Reports</i> , 2019, 71, 248-256.	3.3	1

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91	The gene expression of class III inhibitors of apoptosis in arteriosclerotic disease. <i>Zdrowie Publiczne</i> , 2014, 124, 38-41.	0.1	1
92	Relationships between Indicators of Lower Extremity Artery Disease and miRNA Expression in Peripheral Blood Mononuclear Cells. <i>Journal of Clinical Medicine</i> , 2022, 11, 1619.	2.4	1
93	Application of OpenArray RT-qPCR for identification of microRNA expression signatures of lower extremity artery disease. <i>Journal of Applied Genetics</i> , 2022, 63, 497-512.	1.9	1
94	miRNA Regulatory Networks Associated with Peripheral Vascular Diseases. <i>Journal of Clinical Medicine</i> , 2022, 11, 3470.	2.4	1