

Katarzyna Lisowska

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,036
citations

393982

19
h-index

454577

30
g-index

45
all docs

45
docs citations

45
times ranked

1483
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Properties of New Viologen-Phosphorus Dendrimers. <i>Molecular Pharmaceutics</i> , 2012, 9, 448-457.	2.3	85
2	Synthesis, characterization and antimicrobial activity of water-soluble silver(<i><sc>i</sc></i>) complexes of metronidazole drug and selected counter-ions. <i>Dalton Transactions</i> , 2015, 44, 8178-8189.	1.6	76
3	Antibacterial Activity and Cytotoxicity of Silver(I) Complexes of Pyridine and (Benz)Imidazole Derivatives. X-ray Crystal Structure of [Ag(2,6-di(CH ₂ OH)py) ₂]NO ₃ . <i>Molecules</i> , 2016, 21, 87.	1.7	60
4	Antimicrobial activity of poly(propylene imine) dendrimers. <i>New Journal of Chemistry</i> , 2012, 36, 2215.	1.4	46
5	Synthesis, characterization and antimicrobial activity of silver(I) complexes of hydroxymethyl derivatives of pyridine and benzimidazole. <i>Journal of Organometallic Chemistry</i> , 2014, 749, 394-399.	0.8	46
6	The effect of the deposition parameters on size, distribution and antimicrobial properties of photoinduced silver nanoparticles on titania coatings. <i>Applied Surface Science</i> , 2011, 257, 7076-7082.	3.1	41
7	Synergistic Effects of Anionic/Cationic Dendrimers and Levofloxacin on Antibacterial Activities. <i>Molecules</i> , 2019, 24, 2894.	1.7	39
8	Zinc(II) Complexes with Amino Acids for Potential Use in Dermatology: Synthesis, Crystal Structures, and Antibacterial Activity. <i>Molecules</i> , 2020, 25, 951.	1.7	36
9	Phosphorylated Micro- and Nanocellulose-Filled Chitosan Nanocomposites as Fully Sustainable, Biologically Active Bioplastics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18354-18365.	3.2	35
10	Polycations increase the permeability of <i>Mycobacterium vaccae</i> cell envelopes to hydrophobic compounds. <i>Microbiology (United Kingdom)</i> , 2001, 147, 2769-2781.	0.7	34
11	In vitro propagation of <i>Catalpa ovata</i> G. Don. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 60, 171-176.	1.2	32
12	Chitosan-Functionalized Graphene Nanocomposite Films: Interfacial Interplay and Biological Activity. <i>Materials</i> , 2020, 13, 998.	1.3	31
13	Efficient biodegradation of quinolone " Factors determining the process. <i>International Biodeterioration and Biodegradation</i> , 2014, 96, 127-134.	1.9	28
14	Antimicrobial activity and toxicological risk assessment of silver nanoparticles synthesized using an eco-friendly method with <i>Gloeophyllum striatum</i> . <i>Journal of Hazardous Materials</i> , 2021, 418, 126316.	6.5	28
15	Poly(Propylene Imine) Dendrimers and Amoxicillin as Dual-Action Antibacterial Agents. <i>Molecules</i> , 2015, 20, 19330-19342.	1.7	24
16	Quinoline biodegradation by filamentous fungus <i>Cunninghamella elegans</i> and adaptive modifications of the fungal membrane composition. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8872-8880.	2.7	24
17	Supramolecular Chemistry-Driven Preparation of Nanostructured, Transformable, and Biologically Active Chitosan-Clustered Single, Binary, and Ternary Metal Oxide Bioplastics. <i>ACS Applied Bio Materials</i> , 2019, 2, 61-69.	2.3	24
18	Concurrent corticosteroid and phenanthrene transformation by filamentous fungus <i>Cunninghamella elegans</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 85, 63-69.	1.2	23

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19	Removal of anthracene and phenanthrene by filamentous fungi capable of corticolone 11-hydroxylation. <i>Journal of Basic Microbiology</i> , 1999, 39, 117-125.	1.8	20
20	Antimicrobial Effect of Chitosan Films on Food Spoilage Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5839.	1.8	20
21	Biodegradation of Chloroxenol by <i>Cunninghamella elegans</i> IM 1785/21GP and <i>Trametes versicolor</i> IM 373: Insight into Ecotoxicity and Metabolic Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4360.	1.8	19
22	Enhancement of antimicrobial activity by co-administration of poly(propylene imine) dendrimers and nadifloxacin. <i>New Journal of Chemistry</i> , 2013, 37, 4156.	1.4	18
23	Occurrence of methylisothiazolinone in water and soil samples in Poland and its biodegradation by <i>Phanerochaete chrysosporium</i> . <i>Chemosphere</i> , 2020, 254, 126723.	4.2	18
24	Effect of inhibitors of cell envelope synthesis on β -sitosterol side chain degradation by <i>Mycobacterium</i> sp. NRRL MB 3683. <i>Journal of Basic Microbiology</i> , 1994, 34, 387-399.	1.8	17
25	Antibacterial activity of high concentrations of carvedilol against Gram-positive and Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 458-467.	1.1	16
26	The Synergistic Effect of Triterpenoids and Flavonoids – New Approaches for Treating Bacterial Infections?. <i>Molecules</i> , 2022, 27, 847.	1.7	16
27	The effect of the corticosteroid hormone corticolone on the metabolites produced during phenanthrene biotransformation in <i>Cunninghamella elegans</i> . <i>Chemosphere</i> , 2006, 64, 1499-1506.	4.2	15
28	The expression of cytochrome P-450 and cytochrome P-450 reductase genes in the simultaneous transformation of corticosteroids and phenanthrene by <i>Cunninghamella elegans</i> . <i>FEMS Microbiology Letters</i> , 2006, 261, 175-180.	0.7	15
29	Impact of mesoporous silica surface functionalization on human serum albumin interaction, cytotoxicity and antibacterial activity. <i>Microporous and Mesoporous Materials</i> , 2016, 231, 47-56.	2.2	15
30	Oleochemical- β -Tethered SBA-15 Type Silicates with Tunable Nanoscopic Order, Carboxylic Surface, and Hydrophobic Framework: Cellular Toxicity, Hemolysis, and Antibacterial Activity. <i>Chemistry - A European Journal</i> , 2014, 20, 9596-9606.	1.7	14
31	Microbial detoxification of carvedilol, a β -adrenergic antagonist, by the filamentous fungus <i>Cunninghamella echinulata</i> . <i>Chemosphere</i> , 2017, 183, 18-26.	4.2	14
32	Influence of selected inorganic counter-ions on the structure and antimicrobial properties of silver (Ag^+) complexes with imidazole-containing ligands. <i>New Journal of Chemistry</i> , 2016, 40, 694-704.	1.4	13
33	Bacterial elimination of polycyclic aromatic hydrocarbons and heavy metals. <i>Journal of Basic Microbiology</i> , 1998, 38, 361-369.	1.8	11
34	Permeability of mycobacterial cell envelopes to sterols: Peptidoglycan as the diffusion barrier. <i>Journal of Basic Microbiology</i> , 1996, 36, 407-419.	1.8	10
35	Novel metabolites from <i>Cunninghamella elegans</i> as a microbial model of the β -blocker carvedilol biotransformation in the environment. <i>International Biodeterioration and Biodegradation</i> , 2018, 127, 227-235.	1.9	10
36	The Synergy of Ciprofloxacin and Carvedilol against <i>Staphylococcus aureus</i> – Prospects of a New Treatment Strategy?. <i>Molecules</i> , 2019, 24, 4104.	1.7	10

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37	The Role of fadD19 and echA19 in Sterol Side Chain Degradation by <i>Mycobacterium smegmatis</i> . <i>Molecules</i> , 2016, 21, 598.	1.7	9
38	Impact of Perfluoro and Alkylphosphonic Self-Assembled Monolayers on Tribological and Antimicrobial Properties of Ti-DLC Coatings. <i>Materials</i> , 2019, 12, 2365.	1.3	8
39	An unstructured model for studies on phenanthrene bioconversion by filamentous fungus <i>Cunninghamella elegans</i> . <i>Enzyme and Microbial Technology</i> , 2006, 39, 1464-1470.	1.6	7
40	Cytotoxic and Antimicrobial Properties of Copper(II) Complexes of Pyridine and Benzimidazole Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 993-998.	0.6	6
41	Effect of Quinoline on the Phospholipid Profile of <i>Curvularia lunata</i> and Its Microbial Detoxification. <i>Molecules</i> , 2022, 27, 2081.	1.7	6
42	Transformation of <i>Catalpa ovata</i> by <i>Agrobacterium rhizogenes</i> and Phenylethanoid Glycosides Production in Transformed Root Cultures. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001, 56, 375-381.	0.6	5
43	Detoxification of phenanthrene by <i>C. elegans</i> evaluated by calorimetry. <i>Thermochimica Acta</i> , 2005, 430, 43-46.	1.2	4
44	Evaluation of the Antimicrobial Potential and Toxicity of a Newly Synthesised 4-(4-(Benzylamino)butoxy)-9H-carbazole. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12796.	1.8	4
45	Modulation of CD40L antigen expression in Jurkat cells: involvement of protein kinase C activity. <i>Folia Histochemica Et Cytobiologica</i> , 2003, 41, 233-5.	0.6	4