

# Lucjusz Zaprutko

## List of Publications by Year in descending order

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64  
papers

1,332  
citations

394286

19  
h-index

360920

35  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of novel thiazolone-based compounds containing pyrazoline moiety and evaluation of their anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1396-1404.	2.6	247
2	New 5-substituted thiazolo[3,2-b][1,2,4]triazol-6-ones: Synthesis and anticancer evaluation. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 641-648.	2.6	137
3	Multidirectional Efficacy of Biologically Active Nitro Compounds Included in Medicines. <i>Pharmaceuticals</i> , 2018, 11, 54.	1.7	73
4	A Facile Synthesis and Anticancer Activity Evaluation of Spiro[Thiazolidinone-Isatin] Conjugates. <i>Scientia Pharmaceutica</i> , 2011, 79, 763-777.	0.7	66
5	Synthesis of some N-substituted nitroimidazole derivatives as potential antioxidant and antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 645-652.	2.6	58
6	Synthesis of new potential anticancer agents based on 4-thiazolidinone and oleanane scaffolds. <i>Medicinal Chemistry Research</i> , 2012, 21, 3568-3580.	1.1	54
7	Molecular Consortia – Various Structural and Synthetic Concepts for More Effective Therapeutics Synthesis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1104.	1.8	52
8	Recent advances in synthesis and biological activity of triterpenic acylated oximes. <i>Phytochemistry Reviews</i> , 2015, 14, 203-231.	3.1	44
9	Methyl 3-hydroxyimino-11-oxoolean-12-en-28-oate (HIMOXOL), a synthetic oleanolic acid derivative, induces both apoptosis and autophagy in MDA-MB-231 breast cancer cells. <i>Chemico-Biological Interactions</i> , 2014, 208, 47-57.	1.7	39
10	The analgesic and anti-inflammatory effect of new oleanolic acid acyloxyimino derivative. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 549-555.	1.9	38
11	Triterpenoids. Part 21: Oleanolic acid azaderivatives as percutaneous transport promoters. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4723-4726.	1.0	28
12	Targeting Nrf2-Mediated Gene Transcription by Triterpenoids and Their Derivatives. <i>Biomolecules and Therapeutics</i> , 2012, 20, 499-505.	1.1	28
13	Anticancer effect of A-ring or/and C-ring modified oleanolic acid derivatives on KB, MCF-7 and HeLa cell lines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2201.	1.5	25
14	Strong and Long-Lasting Antinociceptive and Anti-inflammatory Conjugate of Naturally Occurring Oleanolic Acid and Aspirin. <i>Frontiers in Pharmacology</i> , 2016, 7, 202.	1.6	24
15	Anti-COVID drugs: repurposing existing drugs or search for new complex entities, strategies and perspectives. <i>Future Medicinal Chemistry</i> , 2020, 12, 1743-1757.	1.1	22
16	Beckmann rearrangement of oxime obtained from oleanolic acid. Structure elucidation of the initial oxime. <i>Journal of Molecular Structure</i> , 2013, 1053, 115-121.	1.8	21
17	Microwave assisted synthesis of fragrant jasmone heterocyclic analogues. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 586-591.	2.6	20
18	Synthesis of triterpenoid acylates: Effective reproduction inhibitors of influenza A (H1N1) and papilloma viruses. <i>Russian Journal of Bioorganic Chemistry</i> , 2010, 36, 771-778.	0.3	20

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19	Oleanolic acid oxime derivatives and their conjugates with aspirin modulate the NF- $\kappa$ B-mediated transcription in HepG2 hepatoma cells. <i>Bioorganic Chemistry</i> , 2019, 93, 103326.	2.0	20
20	Oleanolic Acid A-lactams Inhibit the Growth of HeLa, KB, MCF-7 and Hep-G2 Cancer Cell Lines at Micromolar Concentrations. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 579-592.	0.9	19
21	Hybrid Compounds Strategy in the Synthesis of Oleanolic Acid Skeleton-NSAID Derivatives. <i>Molecules</i> , 2016, 21, 420.	1.7	16
22	Semisynthetic oleanane triterpenoids inhibit migration and invasion of human breast cancer cells through downregulated expression of the ITGB1 / PTK2 / PXN pathway. <i>Chemico-Biological Interactions</i> , 2017, 268, 136-147.	1.7	16
23	Structure and Activity of Pentacyclic Triterpenes Codrugs. A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1509-1526.	1.1	16
24	Microwave assisted synthesis of unsaturated jasmone heterocyclic analogues as new fragrant substances. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3032-3039.	2.6	15
25	Selective reduction of 2,4-dinitro- and 4,5-dinitroimidazole derivatives using iron dust. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1049-1055.	1.4	15
26	Proapoptotic activity and ABCB1-related multidrug resistance reduction ability of semisynthetic oleanolic acid derivatives DIOXOL and HIMOXOL in human acute promyelocytic leukemia cells. <i>Chemico-Biological Interactions</i> , 2015, 242, 1-12.	1.7	15
27	Microwave (MW), Ultrasound (US) and Combined Synergic MW-US Strategies for Rapid Functionalization of Pharmaceutical Use Phenols. <i>Molecules</i> , 2018, 23, 2360.	1.7	14
28	A brief history of taxol. <i>Journal of Medical Science</i> , 2014, 83, 47-52.	0.2	14
29	Oleanolic acid derivative methyl 3,11-dioxolean-12-en-28-olate targets multidrug resistance related to ABCB1. <i>Pharmacological Reports</i> , 2011, 63, 1500-1517.	1.5	12
30	Triterpenoids. Part II. Carbon-13 NMR spectra of 18 $\beta$ - and 18 $\alpha$ -11-oxooleanolic acid derivatives. <i>Magnetic Resonance in Chemistry</i> , 1987, 25, 223-226.	1.1	11
31	Azoles 48 [1]: Synthesis of Some 4-Amino-2-methyl-5-nitro-1-phenacylimidazoles. <i>Monatshefte für Chemie</i> , 2003, 134, 1145-1150.	0.9	10
32	Synthesis of 1-ethyl-1H-2,1-benzothiazine 2,2-dioxide derivatives using cycloalkanecarbaldehydes and evaluation of their antimicrobial activity. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 219-229.	0.6	10
33	Chemoselective oxidation of oleanolic acid derivatives with ozone. <i>Chemistry of Natural Compounds</i> , 2010, 46, 397-399.	0.2	9
34	Simple Amides of Oleanolic Acid as Effective Penetration Enhancers. <i>PLoS ONE</i> , 2015, 10, e0122857.	1.1	9
35	Social Attitude to COVID-19 and Influenza Vaccinations after the Influenza Vaccination Season and between the Second and Third COVID-19 Wave in Poland, Lithuania, and Ukraine. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2042.	1.2	9
36	Triterpenoids. Part IV. Mass spectrometry of pentacyclic triterpenoids: 18 $\beta$ - and 18 $\alpha$ -11-oxooleanolic acid derivatives. <i>Organic Mass Spectrometry</i> , 1989, 24, 105-108.	1.3	8

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37	1,2-Benzoxathiin-4(3 <i>H</i> )-one 2,2-dioxide – new enol nucleophile in three-component interaction with benzaldehydes and active methylene nitriles. <i>RSC Advances</i> , 2018, 8, 37295-37302.	1.7	8
38	Oleanolic Acid's Semisynthetic Derivatives HIMOXOL and Br-HIMOLID Show Proautophagic Potential and Inhibit Migration of HER2-Positive Breast Cancer Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11273.	1.8	7
39	Synthesis, Structure and Biological Evaluation of Novel Bicyclic Nitroimidazole Derivatives. <i>Archiv Der Pharmazie</i> , 2012, 345, 463-467.	2.1	6
40	Linked drug-drug conjugates based on triterpene and phenol structures. Rational synthesis, molecular properties, toxicity and bioactivity prediction. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8793-8806.	2.3	6
41	Beckmann rearrangement within the ring C of oleanolic acid lactone: Synthesis, structural study and reaction mechanism analysis. <i>Journal of Molecular Structure</i> , 2017, 1136, 173-181.	1.8	5
42	Synthesis of novel spiro-condensed 2-amino-4 <i>H</i> -pyrans based on 1,2-benzoxathiin-4(3 <i>H</i> )-one 2,2-dioxide. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 254-260.	0.6	5
43	Regioselective Nitro Group Substitution. Synthesis of Isomeric 4-Amino-5-nitro- and 5-Amino-4-nitroimidazoles. <i>Heterocycles</i> , 2012, 85, 2197.	0.4	4
44	Anti-Candida Activity of 4-Morpholino-5-Nitro- and 4,5-Dinitro-Imidazole Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2018, 51, 1063-1067.	0.3	4
45	Kumquat Fruits as an Important Source of Food Ingredients and Utility Compounds. <i>Food Reviews International</i> , 2023, 39, 875-895.	4.3	4
46	Pharmaceutical applications of graphene. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2017, 71, 0-0.	0.1	4
47	Some nitroimidazole derivatives as antibacterial and antifungal agents in in vitro study. <i>Journal of Medical Science</i> , 2019, 88, 47-51.	0.2	4
48	Synthesis of fragrant heterocyclic thioketo analogues of jasmone under microwave conditions. <i>Flavour and Fragrance Journal</i> , 2011, 26, 101-106.	1.2	3
49	Triterpenoide, 5. Synthese und Strukturaufklärung einiger neuer 18-Oleanolsäurederivate. <i>Liebigs Annalen Der Chemie</i> , 1990, 1990, 373-378.	0.8	2
50	Triterpenoide. X. Über neue isomere Triterpenlactone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 261-264.	0.4	2
51	Triterpenoide. XIII. Über weitere neue Triterpenlactone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1309-1312.	0.4	2
52	( <i>R</i> )-(+)-3-Chlor-1-(4-morpholino-5-nitro-1 <i>H</i> -imidazol-1-yl)propan-2-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o4071-o4072.	0.2	2
53	( <i>S</i> )-(–)-3-Chlor-1-(4-morpholino-5-nitro-1 <i>H</i> -imidazol-1-yl)propan-2-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o4231-o4232.	0.2	2
54	Structure of the minor ozonolysis product of 19 <sup>β</sup> ,28-epoxy-A-neo-18 <sup>β</sup> -olean-3(5)-ene. <i>Chemistry of Natural Compounds</i> , 2006, 42, 618-619.	0.2	2

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55	The Structure and Activity of Double-Nitroimidazoles. A Mini-Review. <i>Scientia Pharmaceutica</i> , 2018, 86, 30.	0.7	2
56	Organogels as modern drug carriers. <i>Polimery</i> , 2018, 63, 169-177.	0.4	2
57	Synthesis of selected azoles derivatives using the cross-combination of microwave and ultrasound factors. , 0, , .		2
58	Synthesis of Optically Active Bicyclic Derivatives of Nitroimidazoles. <i>Compounds</i> , 2021, 1, 145-153.	1.0	2
59	3 <sup>1</sup> -Acetoxy-12 <sup>1</sup> -chloro-D-friedooleanan-28,14 <sup>1</sup> -olide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o679-o679.	0.2	1
60	The effects of baths and wet wraps with a sweet whey solution on the level of hydration and barrier function of the epidermis. <i>Postepy Dermatologii I Alergologii</i> , 2021, 38, 798-803.	0.4	1
61	Azoles. Part 48. Synthesis of Some 4-Amino-2-methyl-5-nitro-1-phenacylimidazoles.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
62	C-Lactam Derivatives of Oleanolic Acid. Hydrolysis and Further Acylation of Methyl Acetyloleanolate C-Lactam and C-Thiolactam. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	0
63	Reactions of Nucleophilic Substitution in Bicyclic Nitroimidazodihydrooxazoles. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 1463-1467.	1.4	0
64	Synthesis and crystal structure of fused imidazooxazolidine systems. <i>Journal of Molecular Structure</i> , 2019, 1184, 305-309.	1.8	0