

# Andrzej K Gzella

## List of Publications by Year in descending order

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87  
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#	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	Synthesis of New 4-Thiazolidinone-, Pyrazoline-, and Isatin-Based Conjugates with Promising Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8630-8641.	2.9	195
3	Synthesis and anticancer activity evaluation of 4-thiazolidinones containing benzothiazole moiety. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5012-5021.	2.6	191
4	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
5	Anticancer thiopyrano[2,3-d][1,3]thiazol-2-ones with norbornane moiety. Synthesis, cytotoxicity, physico-chemical properties, and computational studies. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5230-5240.	1.4	90
6	Synthesis of 5-arylidene-2-amino-4-azolones and evaluation of their anticancer activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5090-5102.	1.4	85
7	Synthesis and anti-inflammatory activity of new 1,2,4-triazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2664-2667.	1.0	75
8	5-Ene-4-thiazolidinones induce apoptosis in mammalian leukemia cells. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 33-46.	2.6	61
9	A new domino-Knoevenagel-hetero-Diels-Alder reaction. <i>Tetrahedron Letters</i> , 2008, 49, 4648-4651.	0.7	57
10	Antifibrotic and anticancer action of 5-ene amino/iminothiazolidinones. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 180-195.	2.6	47
11	Thiazolidinone/thiazole based hybrids - New class of antitrypanosomal agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 174, 292-308.	2.6	44
12	Synthesis of 5-enamine-4-thiazolidinone derivatives with trypanocidal and anticancer activity. <i>Bioorganic Chemistry</i> , 2019, 86, 126-136.	2.0	38
13	A convenient method for the synthesis of 2-[(5-benzyl-1,3-thiazol-2-yl)imino]-1,3-thiazolidin-4-one derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 543-545.	0.7	35
14	Synthesis of fused thiopyrano[2,3-d][1,3]thiazoles via hetero-Diels-Alder reaction related tandem and domino processes. <i>Tetrahedron</i> , 2015, 71, 9501-9508.	1.0	34
15	Crotonic, cinnamic, and propiolic acids motifs in the synthesis of thiopyrano[2,3-d][1,3]thiazoles via hetero-Diels-Alder reaction and related tandem processes. <i>Tetrahedron</i> , 2014, 70, 720-729.	1.0	29
16	Synthesis, anticancer and antiviral activities of novel thiopyrano[2,3-d]thiazole-6-carbaldehydes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1245-1249.	0.8	26
17	Synthesis and cytotoxicity of new thiazolo[4,5-b]pyridine-2(3H)-one derivatives based on $\alpha,\beta$ -unsaturated ketones and $\alpha$ -ketoacids. <i>Chemical Papers</i> , 2018, 72, 669-681.	1.0	24
18	Crystal structure and spectroscopic properties of N-methylmorpholine betaine phosphate. <i>Journal of Molecular Structure</i> , 2000, 555, 67-74.	1.8	21

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19	Synthesis and Evaluation of Anticancer Activity of 5-Ylidene-4-Aminothiazol-2(5H)-one Derivatives. <i>Medicinal Chemistry</i> , 2015, 11, 517-530.	0.7	19
20	Effect of counter ions on physical properties of imidazole-based proton conductors. <i>Electrochimica Acta</i> , 2019, 306, 575-589.	2.6	19
21	Synthesis, Characterization and In Vitro Evaluation of Novel 5-Ene-thiazolo[3,2-b][1,2,4]triazole-6(5H)-ones as Possible Anticancer Agents. <i>Molecules</i> , 2021, 26, 1162.	1.7	17
22	Isorhodanine and Thiorhodanine Motifs in the Synthesis of Fused Thiopyrano[2,3-d][1,3]thiazoles. <i>Synlett</i> , 2011, 2011, 1385-1388.	1.0	15
23	Application of the 2(5H)furanone motif in the synthesis of new thiopyrano[2,3-d]thiazoles via the hetero-Diels-Alder reaction and related tandem processes. <i>Tetrahedron Letters</i> , 2016, 57, 3318-3321.	0.7	15
24	Arylidene Pyruvic Acids Motif in the Synthesis of New 2 <i>H</i> ,5 <i>H</i> -Chromeno[4 <i>c</i> :3 <i>a</i> ]thiopyrano[2,3- <i>d</i> ]thiazoles via Tandem Hetero-Diels-Alder-Hemiacetal Reaction. <i>Synthetic Communications</i> , 2015, 45, 2266-2270.	1.1	14
25	Synthesis and Anticancer Activity Evaluation of 5-[2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-thiazolidinones. <i>Molecules</i> , 2021, 26, 3057.	1.7	14
26	Toward a new type of proton conductor based on imidazole and aromatic acids. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17152-17162.	1.3	13
27	Synthesis, crystal structure and oxidation of (R)-(+)-8,9-dimethoxy-6,10 <i>b</i> -dihydro-5 <i>H</i> -thiazolo[2,3- <i>a</i> ]isoquinolin-3-one. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2329-2333.	1.8	12
28	Synthesis, structure and evaluation of anticancer activity of 4-amino-1,3-thiazolinone/pyrazoline hybrids. <i>Journal of Molecular Structure</i> , 2021, 1224, 129059.	1.8	11
29	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
30	Synthesis of 1-ethyl-1 <i>H</i> -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
31	Conformational space and vibrational spectra of 2-[(2,4-dimethoxyphenyl)amino]-1,3-thiazolidin-4-one. <i>Journal of Molecular Modeling</i> , 2014, 20, 2366.	0.8	9
32	Cyclocondensation of Thioamides and Haloacetic Acid Derivatives Provides Only 4-Thiazolidinones; Isomeric 5-Thiazolidinones Were Not observed. <i>Synthetic Communications</i> , 2014, 44, 231-236.	1.1	8
33	trans-Aconitic acid-based hetero-Diels-Alder reaction in the synthesis of thiopyrano[2,3- <i>d</i> ][1,3]thiazole derivatives. <i>Tetrahedron Letters</i> , 2017, 58, 1751-1754.	0.7	8
34	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
35	Combination of Negative, Positive, and Near-Zero Thermal Expansion in Bis(imidazolium) Terephthalate with a Helical Hydrogen-Bonded Network. <i>Crystal Growth and Design</i> , 2021, 21, 3838-3849.	1.4	8
36	Oleanolic acid ethanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2790-o2790.	0.2	7

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37	Heterocyclic tautomerism: reassignment of two crystal structures of 2-amino-1,3-thiazolidin-4-one derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 812-816.	0.2	7
38	One-Pot Synthesis of 5-Ene-4-aminothiazol-2(5H)-ones and Chromeno[2,3-d]thiazol-2-ones. <i>Synlett</i> , 2017, 28, 811-814.	1.0	7
39	Unexpected synthesis of azepino[4,3,2- cd ]indoles from 4-aminoindoles. <i>Tetrahedron Letters</i> , 2017, 58, 1324-1325.	0.7	7
40	Facile one-pot synthesis of 5-aryl/heterylidene-2-(2-hydroxyethyl- and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (3-hydroxypropylamino) 1071-1076.	1.1	7
41	2-[7-(3,5-Dibromo-2-hydroxyphenyl)-6-ethoxycarbonyl-2-oxo-5H-2,3,6,7-tetrahydrothiopyrano[2,3-d][1,3]thiazol-6-yl]acetic acid ethanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2721-o2722.	0.2	6
42	2-{5-[(Z,Z)-2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-oxo-2-thioxothiazolidin-3-yl}-3-methylbutanoic Acid as a Potential Anti-Breast Cancer Molecule. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4091.	1.8	6
43	Synthesis and Crystal Structure of (4S)-4-Benzyl-3-(4,5-dimethoxy-2-methylbenzoyl)-2,2-dimethyl-1,3-oxazolidine. <i>Heterocycles</i> , 2015, 90, 730.	0.4	5
44	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
45	Synthesis of 4-(2H-[1,2,4]-Triazol-5-ylsulfanyl)-1,2-dihydropyrazol-3-one via Ring-Switching Hydrazinolysis of 5-Ethoxymethylidenethiazolo [3,2-b][1,2,4]triazol-6-one. <i>MolBank</i> , 2018, 2018, M1022.	0.2	5
46	Synthesis and evaluation of antitrypanosomal activity of some thiosemicarbazide derivatives of 1-butyl-6-fluoro-7-morpholino-4-oxo-1,4-dihydroquinoline-3-carboxylic acid. <i>Synthetic Communications</i> , 2018, 48, 1883-1891.	1.1	5
47	Synthesis of novel spiro-condensed 2-amino-4H-pyrans based on 1,2-benzoxathiin-4(3H)-one 2,2-dioxide. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 254-260.	0.6	5
48	Spectroscopic and Structural Study of a New Conducting Pyrazolium Salt. <i>Molecules</i> , 2021, 26, 4657.	1.7	5
49	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
50	Tandem hetero-Diels-Alder-hemiacetal reaction in the synthesis of new chromeno[4,3-b]thiopyrano[2,3-d]thiazoles. <i>Heterocyclic Communications</i> , 2017, 23, 1-5.	0.6	4
51	Synthesis and cytotoxicity of new 2-oxo-7-phenyl-2,3-dihydrothiazolo[4,5-b]pyridine-5-carboxylic acid amides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 1149-1157.	0.8	4
52	Synthesis of new structurally diverse thiazolidinone-derived compounds based on reaction of isorhodanine with ortho-substituted aldehydes, $\alpha$ -keto- and $\beta$ -aroylacrylic acids. <i>Journal of Molecular Structure</i> , 2020, 1217, 128448.	1.8	4
53	Triterpenoide. XIX. 3 $\beta$ -Hydroxy-11-oxo-18 $\beta$ -olean-12-en-28-sÄure-methylester und 3,11-Di-oxo-18 $\beta$ -olean-12-en-28-sÄure-methylester. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 505-507.	0.4	3
54	Novel O-Benzyl Oxime Ethers of 1-(Thiophen-2-yl)ethan-1-one - Synthesis, Structure and Antimicrobial Activity. <i>Heterocycles</i> , 2017, 94, 523.	0.4	3

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55	Study of 1,2,4-triazole-3(5)-thiol Behavior in Reactions with 1-phenyl-1H-pyrrole-2,5-dione Derivatives and 3-bromodihydrofuran-2(3H)-one and Antimicrobial Activity of Products. Chemistry Proceedings, 2020, 3, .	0.1	3
56	NEW HETEROCYCLIC OXIME ETHERS OF 1-(BENZOFURAN-2-YL)ETHAN- 1-ONE AND THEIR ANTIMICROBIAL ACTIVITY. Acta Poloniae Pharmaceutica, 2015, 72, 289-95.	0.3	3
57	Triterpenoide, 5. Synthese und Strukturaufklärung einiger neuer 18 $\beta$ -oleanolsäurederivate. Liebigs Annalen Der Chemie, 1990, 1990, 373-378.	0.8	2
58	Azole. 44.. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1161-1163.	0.4	2
59	Azole. 47. Äceber 3-Thiomorpholino- und 3-(4-Methylpiperazino)-5-nitroindazole. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1189-1191.	0.4	2
60	(R)-(+)-3-Chlor-1-(4-morpholino-5-nitro-1H-imidazol-1-yl)propan-2-ol. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4071-o4072.	0.2	2
61	(S)-(-)-3-Chlor-1-(4-morpholino-5-nitro-1H-imidazol-1-yl)propan-2-ol. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4231-o4232.	0.2	2
62	Structure of the minor ozonolysis product of 19 $\beta$ ,28-epoxy-A-neo-18 $\beta$ -olean-3(5)-ene. Chemistry of Natural Compounds, 2006, 42, 618-619.	0.2	2
63	2-[[5-(Pyridin-4-yl)-4-(p-tolyl)-1,2,4-triazol-3-yl]methyl]acrylic acid hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o95-o96.	0.2	2
64	Synthesis and stereochemistry assignment of (3R,5R)- and (3S,5R)-4-benzyl-3-(3,4-dimethoxyphenyl)-5-phenyl-1,4-oxazin-2-ones. Journal of Molecular Structure, 2019, 1194, 204-210.	1.8	2
65	Study of 1,3-dipolar cycloaddition of amino-acid azomethines and Juglone. Synthetic Communications, 2020, 50, 3165-3173.	1.1	2
66	2-[N-(2,4-Dimethoxyphenyl)acetamido]-1,3-thiazol-4-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o356-o357.	0.2	2
67	On the reactions of tertiary carbanions with some nitroindazoles and nitrobenzotriazoles. Arkivoc, 2013, 2012, 169-186.	0.3	2
68	Synthesis and structure elucidation of thiopyrano[2,3-d]thiazole-6-carbonitriles as adducts of Michael reaction. Journal of Molecular Structure, 2022, 1256, 132574.	1.8	2
69	Triterpenoide. XX. 3 $\beta$ -Acetoxy-12-oxo-18 $\beta$ -olean- und 3 $\beta$ -Acetoxy-12,19-dioxo-9(11),13(18)-oleandien-28-säure-methylester. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 983-985.	0.4	1
70	(4S,5S)-(+)-4-Hydroxymethyl-2,5-diphenyloxazoline. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 981-982.	0.4	1
71	Two thiazolino[2,3-a]isoquinolinoneS-oxides. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1454-1456.	0.4	1
72	Two optically active isoquinoline derivatives. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o503-o506.	0.4	1

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73	(S)-(â€“)2,3-Dimethoxy-8-oxoberbine. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o598-o600.	0.2	1
74	(3R,4R)-(â€“)3-Hydroxymethyl-4-phenyl-2-o-toluoyl-1,2,3,4-tetrahydroisoquinoline. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1774-o1776.	0.2	1
75	1-(4-Chlorophenacyl)-2-methyl-4,5-dinitro-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2168-o2170.	0.2	1
76	(4S)-(âˆ“)4-Benzyl-2,2-dimethyl-3-o-toluoyl-1,3-oxazolidine. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2850-o2850.	0.2	1
77	3Î²-Acetoxy-12Î±-chloro-D-friedooleanan-28,14Î²-olide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o679-o679.	0.2	1
78	2-[N-(4-Methoxyphenyl)acetamido]-1,3-thiazol-4-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o391-o391.	0.2	1
79	(E)-17Î²,19-Epoxymethano-17,23,24-tridemethyl-4-nor-5Î²,18Î±-olean-3-one oxime. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1262-o1262.	0.2	1
80	Azoles. Part 48. Synthesis of Some 4-Amino-2-methyl-5-nitro-1-phenacylimidazoles.. ChemInform, 2003, 34, no.	0.1	0
81	(S)-(â€“)2,3-Methylenedioxy-8-oxoberbine. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4001-o4003.	0.2	0
82	(R)-(+)-2,3-Methylenedioxy-8-oxoberbine. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o4165-o4166.	0.2	0
83	1-(1-Benzofuran-2-yl)ethanoneO-(4-chlorobenzyl)oxime. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3178-o3178.	0.2	0
84	1-(1-Benzofuran-2-yl)ethanone <i>O</i>-(2,6-difluorobenzyl)oxime. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o91-o91.	0.2	0
85	Synthesis and crystal structure of fused imidazooxazolidine systems. Journal of Molecular Structure, 2019, 1184, 305-309.	1.8	0
86	Citraconic acid and its anhydride-based hetero-Dielsâ€“Alder reactions in the synthesis of new thiopyrano[2,3-d][1,3]thiazole derivatives. Synthetic Communications, 0, , 1-7.	1.1	0
87	1-Methyl-2-(4-methylphenyl)-4-morpholinopyridazine-3,6(1H,2H)-dione. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o435-o435.	0.2	0