

Mihaela Gulea

List of Publications by Year in descending order

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91
papers

2,040
citations

257450

24
h-index

265206

42
g-index

117
all docs

117
docs citations

117
times ranked

2132
citing authors

#	ARTICLE	IF	CITATIONS
1	2D and 3D silver-based coordination polymers with thiomorpholine-4-carbonitrile and piperazine-1,4-dicarbonitrile: structure, intermolecular interactions, photocatalysis, and thermal behavior. <i>CrystEngComm</i> , 2021, 23, 4799-4815.	2.6	7
2	A Synthetic Route to Benzothiazocines with Two or Three Carbon Stereocenters via Copper-Catalyzed Intramolecular N-Arylation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2203-2211.	2.4	4
3	Diastereoselective oxidation of menthyl arenesulfenates to sulfinates and access to enantioenriched aryl methyl sulfoxides. <i>Chemical Papers</i> , 2021, 75, 6137-6143.	2.2	1
4	Synthesis of Medium-Sized Heterocycles by Transition-Metal-Catalyzed Intramolecular Cyclization. <i>Molecules</i> , 2020, 25, 3147.	3.8	48
5	Endocyclic Enamides Derived from Aza-Diketopiperazines as Olefin Partners in Povarov Reaction: An Access to Tetracyclic N-Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7385-7395.	2.4	4
6	1D and 2D Silver-Based Coordination Polymers with Thiomorpholine-4-carbonitrile and Aromatic Polyoxoacids as Coligands: Structure, Photocatalysis, Photoluminescence, and TD-DFT Study. <i>Crystal Growth and Design</i> , 2020, 20, 4461-4478.	3.0	11
7	Influence of C-H/X (X = S, Cl, N, Pt/Pd) Interactions on the Molecular and Crystal Structures of Pt(II) and Pd(II) Complexes with Thiomorpholine-4-carbonitrile: Crystallographic, Thermal, and DFT Study. <i>Crystal Growth and Design</i> , 2020, 20, 3018-3033.	3.0	3
8	Sustainable Synthetic Approaches Involving Thiocyanation and Sulfur-Cyanation: An Update. <i>Current Green Chemistry</i> , 2020, 7, 201-216.	1.1	11
9	Three cheers for nitrogen: aza-DKPs, the aza analogues of 2,5-diketopiperazines. <i>RSC Advances</i> , 2020, 10, 43358-43370.	3.6	3
10	Tandem Double-Cross-Coupling/Hydrothiolation Reaction of 2-Sulfenyl Benzimidazoles with Boronic Acids. <i>Organic Letters</i> , 2019, 21, 5943-5947.	4.6	11
11	Silver-based monomer and coordination polymer with organic thiocyanate ligand: Structural, computational and antiproliferative activity study. <i>Polyhedron</i> , 2019, 173, 114132.	2.2	4
12	Synthesis of Benzimidazole-Fused Medium-Sized N,S-Heterocycles via Palladium-Catalyzed Cyclizations. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1361-1370.	2.4	14
13	Synthesis of Sulfur-Containing Exo-Bicyclic Dienes and Their Diels-Alder Reactions To Access Thiacycle-Fused Polycyclic Systems. <i>Journal of Organic Chemistry</i> , 2018, 83, 4505-4515.	3.2	6
14	Progress in the Chemistry of Phosphorothioates. <i>Advances in Organic Synthesis</i> , 2018, , 117-150.	0.5	1
15	Cyclocarbopalladation as a Key Step in Cascade Reactions: Recent Developments. <i>Synthesis</i> , 2017, 49, 1767-1784.	2.3	28
16	Comparative study on the reactivity of propargyl and alkynyl sulfides in palladium-catalyzed domino reactions. <i>Comptes Rendus Chimie</i> , 2017, 20, 624-633.	0.5	11
17	Synthesis of Benzo[<i>c</i>]silole Derivatives Bearing a Tetrasubstituted Exocyclic C=C Double Bond by Palladium-Catalyzed Domino Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 7458-7462.	3.3	20
18	Synthesis of sulfur heterocycles via domino metal-mediated reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 162-165.	1.6	10

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19	Aerobic Copper-Mediated Domino Three-Component Approach to 2-Aminobenzothiazole Derivatives. <i>Organic Letters</i> , 2016, 18, 2588-2591.	4.6	27
20	Recent advances in the chemistry of organic thiocyanates. <i>Chemical Society Reviews</i> , 2016, 45, 494-505.	38.1	255
21	Synthesis of 1,3-thiazines by a three-component reaction and their transformations into β -lactam-condensed 1,3-thiazine and 1,4-thiazepine derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 220-229.	1.6	7
22	Recent Contributions to Hetero Diels-Alder Reactions. <i>Current Organic Chemistry</i> , 2016, 20, 2161-2210.	1.6	68
23	2.1.3 Domino Transformations Involving an Electrocyclization Reaction. , 2016, , .		0
24	Practical Access to Aromatic Thiocyanates by CuCN-Mediated Direct Aerobic Oxidative Cyanation of Thiophenols and Diaryl Disulfides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7814-7817.	2.4	42
25	Cyclocarbopalladation/Cross-Coupling Cascade Reactions in Sulfide Series: Access to Sulfur Heterocycles. <i>Organic Letters</i> , 2014, 16, 3060-3063.	4.6	51
26	8.15 Reduction of SO and SO ₂ to S, S ⁻ X to S ⁻ H, and PO to P. , 2014, , 535-563.		7
27	Ortho-(methylsulfanyl)phenylphosphonates and derivatives: Synthesis and applications as mono- or bidentate ligands for the preparation of platinum complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 206-213.	1.8	6
28	Asymmetric Three-Component Domino Reaction: An Original Access to Chiral Nonracemic 1,3-Thiazin-2-ones. <i>Organic Letters</i> , 2013, 15, 5710-5713.	4.6	13
29	Recent Developments in Asymmetric Hetero-Diels-Alder Reactions of Dithioesters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 349-355.	1.6	7
30	Facile access to β -aminothiols from 1,3-thiazines via a microwave-assisted three-component reaction. <i>Tetrahedron</i> , 2012, 68, 9016-9022.	1.9	10
31	Synthetic Methodologies for the Preparation of β -Amino Thiols. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5423-5434.	2.4	7
32	Asymmetric diastereoselective thia-hetero-Diels-Alder reactions of dithioesters. <i>Tetrahedron</i> , 2012, 68, 2326-2335.	1.9	17
33	Hetero-Diels-Alder reactions of new sulfonylsulfines generated from β -substituted methylsulfones. <i>Arkivoc</i> , 2011, 2011, 62-73.	0.5	0
34	Mercaptophosphonate Compounds as Broad-Spectrum Inhibitors of the Metallo- β -lactamases. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4862-4876.	6.4	128
35	Synthesis of chiral thiazoline ligands tethered to a sulfur function and first immobilization of a thiazoline-ligand. <i>Heteroatom Chemistry</i> , 2010, 21, 242-249.	0.7	9
36	First catalytic enantioselective version of a thia hetero-Diels-Alder reaction with dithioesters. <i>Tetrahedron Letters</i> , 2010, 51, 6014-6017.	1.4	30

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37	Synthesis of 3-amino-thiochromanes from 4-benzyl 2-thiazolines, via an unprecedented intramolecular electrophilic aromatic substitution. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2520.	2.8	6
38	Versatile Synthesis of Secondary 2- α -Amino Thiols and/or Their Disulfides via Thiazolinium Salts. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4357-4364.	2.4	15
39	Michael addition to a chiral non-racemic 2-phosphono-2,3-didehydrothiolane S-oxide. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 293-297.	1.8	7
40	Thiazolinium salt: an efficient catalyst for the Mukaiyama reaction. <i>Tetrahedron Letters</i> , 2009, 50, 7239-7241.	1.4	8
41	Overview of the Chemistry of 2-Thiazolines. <i>Chemical Reviews</i> , 2009, 109, 1371-1401.	47.7	160
42	Synthesis of Phosphorus-Containing Chitosan Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 872-889.	1.6	15
43	Synthesis of Methylene Bisphosphonates from Carbon Disulfide and Phosphites via Desulfurization: A Mechanistic Study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 820-829.	1.6	7
44	Pummerer-type reactions in the (2-methylsulfanyl-2-phosphonyl) thiopyran 1-oxide series. <i>Tetrahedron Letters</i> , 2008, 49, 4329-4332.	1.4	14
45	(N,N) vs. (N,S) chelation of palladium in asymmetric allylic substitution using bis(thiazoline) ligands: A theoretical and experimental study. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2499-2508.	1.8	23
46	Efficient synthesis of primary 2-aminothiols from 2-aminoalcohols and methylthioacetate. <i>Tetrahedron Letters</i> , 2008, 49, 6553-6555.	1.4	15
47	On the Actual EPR Detection of Thioacyl Radicals. <i>Organic Letters</i> , 2008, 10, 3327-3330.	4.6	7
48	Chemo- and enantioselective sulfoxidation of bis(ethylenedithio)-tetrathiafulvalene (BEDT-TTF) into chiral BEDT-TTF-sulfoxide. <i>Chemical Communications</i> , 2008, , 220-222.	4.1	33
49	O453 Mercapto-phosphonate compounds as broad-spectrum inhibitors of the metallo- β -lactamases. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S95.	2.5	2
50	Study of Intramolecular Competition between Carboxylate and Phosphonate for Pt(II) with the Aid of a Novel Tridentate Carboxylato-Thioether-Phosphonate Ligand. <i>Chemistry - A European Journal</i> , 2007, 13, 5441-5449.	3.3	3
51	A Domino Knoevenagel/1,6- α -Heteroelectrocyclization Sequence to Access Phosphono- α -thiopyrans. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4948-4952.	2.4	8
52	Diastereoselective Michael additions to α,β -unsaturated α -sulfinyl phosphonates in the thiolane series. <i>Tetrahedron Letters</i> , 2007, 48, 351-355.	1.4	7
53	Product Subclass 4: Alk-1-enesulfinic Acids and Derivatives. , 2007, , .		0
54	Pyridinedithioesters as Heterodienophiles: Application to the Synthesis of Aprikalim. <i>Organic Letters</i> , 2006, 8, 1033-1036.	4.6	39

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55	Asymmetric version of P-S to P-C [1,3]-sigmatropic rearrangement in the ferrocene series. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3003-3010.	1.8	16
56	Thio- and Dithioesters as Dipolarophiles in Reactions with Thiocarbonyl Ylides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1604-1612.	2.4	18
57	[2 + 3]-Cycloadditions of Phosphonodithioformate S-Methanides with C ₁ ≡ ³ / ₄ S, Ni ₁ ≡ ³ / ₄ N, and C ₁ ≡ ³ / ₄ C Dipolarophiles. <i>Helvetica Chimica Acta</i> , 2005, 88, 2582-2592.	1.6	15
58	Chiral Thiazoline Ligands: Application in Pd-Catalyzed Allylic Substitution.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
59	Asymmetric Synthesis of $\hat{\pm}$ -Sulfinylphosphonates in the Thiolane Series.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
60	Synthesis of new 2-C-(2,3:5,6-di-O-isopropylidene)- $\hat{1}^2$ -d-mannofuranosyldithioacetate derivatives. <i>Carbohydrate Research</i> , 2005, 340, 579-586.	2.3	5
61	Asymmetric synthesis of $\hat{\pm}$ -sulfinylphosphonates in the thiolane series. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 651-655.	1.8	9
62	Asymmetric oxidation of sulfenates to sulfinates as a new route to optically active ortho-phosphorylated phenyl sulfoxides. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3406-3415.	1.8	6
63	Asymmetric Syntheses of $\hat{\pm}$ -Sulfinylphosphonates in the Thiolane Series. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1465-1466.	1.6	0
64	New Chiral Ortho-P,S-Difunctionalized Aromatic Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1267-1272.	1.6	3
65	A Multidisciplinary Approach to the Use of Pyridinyl Dithioesters and Their N-Oxides as CTAs in the RAFT Polymerization of Styrene. Not the Chronicle of a Failure Foretold. <i>Macromolecules</i> , 2005, 38, 7610-7618.	4.8	26
66	Efficient New Protocol to Synthesize Aromatic and Heteroaromatic Dithioesters. <i>Synthesis</i> , 2004, 2004, 928-934.	2.3	3
67	Application of chiral 2,6-bis(thiazolanyl)pyridines in asymmetric Ru-catalyzed cyclopropanations with diazoesters. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2569-2573.	1.8	36
68	A Hetero-Diels-Alder Approach to Phosphonothiazosulfonic Acid and New Thiaglycosides. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 160-172.	2.4	28
69	Synthesis and Properties of Thiazoline Based Ionic Liquids Derived from the Chiral Pool.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
70	A Hetero-Diels-Alder Approach to Phosphonothiazosulfonic Acid and New Thiaglycosides.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
71	Recent Advances in the Chemistry of Difunctionalized Organo-Phosphorus and Organo-Sulfur Compounds. <i>ChemInform</i> , 2004, 35, no.	0.0	1
72	Application of Chiral 2,6-Bis(thiazolanyl)pyridines in Asymmetric Ru-Catalyzed Cyclopropanations with Diazoesters.. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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73	Chiral thiazoline ligands: application in Pd-catalysed allylic substitution. <i>Tetrahedron</i> , 2004, 60, 9263-9272.	1.9	66
74	Synthesis and properties of thiazoline based ionic liquids derived from the chiral pool. <i>Chemical Communications</i> , 2003, , 2914.	4.1	117
75	Synthesis of Chiral, Nonracemic $\hat{\pm}$ -Sulfanylphosphonates and Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
76	Synthesis of chiral, nonracemic $\hat{\pm}$ -sulfanylphosphonates and derivatives. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1829-1836.	1.8	32
77	Cyclopropanation of alkenes with diisopropyl diazomethylphosphonate catalysed by ruthenium porphyrin complexes. <i>Journal of Molecular Catalysis A</i> , 2003, 201, 79-91.	4.8	29
78	Regulation of branched-chain amino acid biosynthesis by $\hat{\pm}$ -acetolactate decarboxylase in <i>Streptococcus thermophilus</i> . <i>Letters in Applied Microbiology</i> , 2003, 36, 399-405.	2.2	24
79	Cyclopropyl phosphonate ester synthesis catalyzed by ruthenium porphyrins: first characterization of a phosphonate carbene complex. <i>Tetrahedron Letters</i> , 2002, 43, 3685-3687.	1.4	15
80	First synthesis of a phosphonothiazolone acid derivative. <i>Chemical Communications</i> , 2001, , 611-612.	4.1	17
81	Ruthenium $\hat{\pm}$ porphyrin-catalyzed carbenoid addition to allylic compounds: application to [2,3]-sigmatropic rearrangements of ylides. <i>Journal of Organometallic Chemistry</i> , 2001, 617-618, 360-363.	1.8	45
82	Synthesis of new chiral thiazoline-containing ligands. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2851-2859.	1.8	63
83	One-Step Synthesis of 2-Phosphonothiolanes by a New Pummerer-Phosphorylation Reaction: Stereoselective S-Oxidation. <i>Synthesis</i> , 2001, 2001, 1623-1626.	2.3	12
84	1,4-Hydrogen Radical Transfer as a New and Versatile Tool for the Synthesis of Enantiomerically Pure 1,2,3-Triols. <i>Organic Letters</i> , 2000, 2, 2591-2594.	4.6	43
85	Synthesis of New Asymmetric Phosphonylated Thiazolines and their Use in Olefination Reactions. <i>Synthesis</i> , 2000, 2000, 1143-1147.	2.3	19
86	The First Asymmetric Synthesis of $\hat{\pm}$ -Sulfanylphosphonates. <i>Organic Letters</i> , 2000, 2, 3757-3759.	4.6	17
87	Generation and Reactivity of $\hat{\pm}$ -Phosphorylated Sulfur Stabilised Carbanions and Ylides; Selective Syntheses of $\hat{\pm}$ -Thio-substituted Phosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 153, 327-328.	1.6	3
88	5-Endo-Trig Radical Cyclizations of Bromomethyltrimethylsilyl Diisopropylpropargylic Ethers. A Highly Diastereoselective Access to Functionalized Cyclopentanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 4920-4925.	3.2	62
89	[2,3]-Sigmatropic Rearrangement of Ylides Resulting from the Reaction of a Diazomethylphosphonate with Allylic Sulfides. Synthesis of New $\hat{\pm}$ -Phosphorylated Unsaturated Sulfides. <i>Synthesis</i> , 1998, 1998, 1635-1639.	2.3	13
90	Sigmatropic [2,3]-Wittig rearrangement of $\hat{\pm}$ -allylic-heterosubstituted methylphosphonates. Part 2: Rearrangement in the nitrogen series. <i>Tetrahedron</i> , 1996, 52, 2075-2086.	1.9	17

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91	[2,3]-Wittig rearrangement in the $\hat{\pm}$ -allyloxy methylphosphonate series. Journal of Organometallic Chemistry, 1994, 464, C14-C16.	1.8	11