

# Alina Nicolescu

## List of Publications by Year in descending order

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87  
papers

1,373  
citations

361413

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414414

32  
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90  
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90  
docs citations

90  
times ranked

1735  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot reduction-hydrophobization of heterogenized platinum with 1,1,3,3-tetramethyldisiloxane. Applied Organometallic Chemistry, 2022, 36, e6485.	3.5	0
2	A Real-Life Reproducibility Assessment for NMR Metabolomics. Diagnostics, 2022, 12, 559.	2.6	8
3	Synthesis and Solvent Dependent Fluorescence of Some Piperidine-Substituted Naphthalimide Derivatives and Consequences for Water Sensing. International Journal of Molecular Sciences, 2022, 23, 2760.	4.1	7
4	Plant Biostimulants for Enhanced Sustainability of High-Residue Farming Systems. , 2022, 7, .		0
5	Synthesis, characterization, and some metal complexes of bis(isocyanide)disiloxane, showing catalytic activity. Applied Organometallic Chemistry, 2022, 36, .	3.5	0
6	The importance of plasma amino acid profiling in the diagnosis of inborn errors of metabolism: analytical – prospective study. , 2022, 27, .		0
7	Lipoprotein profiles associated with exposure to poly- and perfluoroalkyl substances (PFASs) in the EuroMix human biomonitoring study. Environmental Pollution, 2022, 308, 119664.	7.5	9
8	Lipoproteins Assessed by NMR Spectroscopy in Patients with Acute Coronary Syndromes: Is There a Need for Fasting Prior to Sampling?. Diagnostics, 2022, 12, 1675.	2.6	3
9	Benzimidazolium salts as starting materials or intermediates in 1,3-dipolar cycloadditions. Monatshefte für Chemie, 2021, 152, 845.	1.8	1
10	Di-topic hybrid ligands with an isoxazole ring in the central unit: Synthesis, structural characterization and molecular modeling. Journal of Molecular Structure, 2021, 1245, 131129.	3.6	1
11	Nitrogen-Based Linkers with a Mesitylene Core: Synthesis and Characterization. Molecules, 2021, 26, 5952.	3.8	4
12	Design and synthesis of novel ditopic ligands with a pyrazole ring in the central unit. Research on Chemical Intermediates, 2020, 46, 1587-1611.	2.7	4
13	Monitoring Methylmalonic Aciduria by NMR Urinomics. Molecules, 2020, 25, 5312.	3.8	6
14	Surface modified cellulose acetate membranes for the reactive retention of tetracycline. Separation and Purification Technology, 2020, 249, 117145.	7.9	49
15	Synthesis, photophysical properties and solvatochromic analysis of some naphthalene-1,8-dicarboxylic acid derivatives. Journal of Molecular Liquids, 2020, 303, 112626.	4.9	8
16	A Severe Neonatal Argininosuccinic Aciduria Case Investigated by 1H NMR Spectroscopy. Revista De Chimie (discontinued), 2020, 71, 210-218.	0.4	2
17	A Severe Neonatal Argininosuccinic Aciduria Case Investigated by 1H NMR Spectroscopy. Revista De Chimie (discontinued), 2020, 71, 210-218.	0.4	0
18	β-Cyclodextrin as a Functional Excipient Used for Enhancing the Diminazene Aceturate Bioavailability. Pharmaceutics, 2019, 11, 295.	4.5	6

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19	Synthesis, crystal structure and biological activity of new phosphoester-p-substituted-methylparabens. <i>Journal of Molecular Structure</i> , 2019, 1196, 637-646.	3.6	3
20	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109583.	4.4	4
21	Novel Mutation in GALT Gene in Galactosemia Patient with Group B Streptococcus Meningitis and Acute Liver Failure. <i>Medicina (Lithuania)</i> , 2019, 55, 91.	2.0	7
22	Hyperpolarised NMR to follow water proton transport through membrane channels via exchange with biomolecules. <i>Faraday Discussions</i> , 2018, 209, 67-82.	3.2	5
23	A versatile method for obtaining new oxygenated fuel components from biomass. <i>Industrial Crops and Products</i> , 2018, 113, 288-297.	5.2	10
24	Zinc(II) coordination polymer on the base of 3-(1H-tetrazol-5-yl)-[1,1'-biphenyl]-4-carboxylic acid: Synthesis, crystal structure and antimicrobial properties. <i>Inorganic Chemistry Communication</i> , 2018, 92, 60-63.	3.9	6
25	Biosynthesis of dextran by <i>Weissella confusa</i> and its In vitro functional characteristics. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1765-1772.	7.5	55
26	Multivalent polyrotaxane vectors as adaptive cargo complexes for gene therapy. <i>Polymer Chemistry</i> , 2018, 9, 845-859.	3.9	22
27	New blue fluorescent and highly thermostable polyimide and poly(amide-imide)s containing triphenylamine units and (4-dimethylaminophenyl)-1,3,4-oxadiazole side groups. <i>Dyes and Pigments</i> , 2018, 148, 249-262.	3.7	15
28	Advanced Polybenzoxazine Structures Based on Modified Reduced Graphene Oxide. <i>Polymers</i> , 2018, 10, 941.	4.5	9
29	Spontaneous resolution of non-centrosymmetric coordination polymers of zinc(II) with achiral imidazole-biphenyl-carboxylate ligands. <i>Inorganica Chimica Acta</i> , 2018, 482, 275-283.	2.4	11
30	4-(2H-tetrazol-5-yl)-[1,1'-biphenyl]-4-carboxylic acid: Synthetic approaches, single crystal X-ray structures and antimicrobial activity of intermediates. <i>Journal of Molecular Structure</i> , 2018, 1173, 63-71.	3.6	5
31	Schiff bases containing a furoxan moiety as potential nitric oxide donors in plant tissues. <i>PLoS ONE</i> , 2018, 13, e0198121.	2.5	4
32	Cysteine-functionalized silica-coated magnetite nanoparticles as potential nanoadsorbents. <i>Journal of Solid State Chemistry</i> , 2017, 253, 318-328.	2.9	43
33	Transfection-capable polycationic nanovectors which include PEGylated-cyclodextrin structural units: a new synthesis pathway. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7164-7174.	5.8	12
34	Synthesis of Novel Tetranorlabdane Derivatives with Unprecedented Carbon Skeleton. <i>Synlett</i> , 2017, 28, 565-571.	1.8	10
35	Isoxazole derivatives as new nitric oxide elicitors in plants. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 659-664.	2.2	12
36	New Strigolactone Mimics as Exogenous Signals for Rhizosphere Organisms. <i>Molecules</i> , 2017, 22, 961.	3.8	15

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37	Synthesis, Stereochemical Studies and Antimycobacterial Activity of New Acetyl- Hydrazine Pyridazinones. <i>Current Organic Synthesis</i> , 2016, 14, 112-119.	1.3	4
38	Kinetics of Free Radical Polymerization of N-Substituted Amides and Their Structural Implications. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-9.	1.8	4
39	Fine tuning the outcome of 1,3-dipolar cycloaddition reactions of benzimidazolium ylides to activated alkynes. <i>Tetrahedron</i> , 2016, 72, 2507-2520.	1.9	14
40	Electrochemical evidence for inclusion complexes of thiotriazinone with cyclodextrins. <i>RSC Advances</i> , 2016, 6, 82817-82823.	3.6	3
41	Inclusion complexes of propiconazole nitrate with substituted $\beta$ -cyclodextrins: the synthesis and in silico and in vitro assessment of their antifungal properties. <i>New Journal of Chemistry</i> , 2016, 40, 1765-1776.	2.8	12
42	Hybrid fullerene conjugates as vectors for DNA cell-delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2433-2446.	5.8	39
43	Cationic curdlan: Synthesis, characterization and application of quaternary ammonium salts of curdlan. <i>Carbohydrate Polymers</i> , 2015, 123, 396-405.	10.2	31
44	Antibacterial and antioxidant properties of hesperidin: $\beta$ -cyclodextrin complexes obtained by different techniques. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 71-84.	1.6	45
45	Novel One-Pot Multicomponent Strategy for the Synthesis of Pyrrolo[1,2-a]benzimidazole and Pyrrolo[1,2-a]quinoxaline Derivatives. <i>Synthesis</i> , 2015, 47, 1643-1655.	2.3	13
46	Highly fluorinated poly(1,3,4-oxadiazole-ether)s. structural, optical and dielectric characteristics. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	12
47	Innovative approach for the synthesis of benzoxazine-modified montmorillonite. <i>High Performance Polymers</i> , 2015, 27, 599-606.	1.8	1
48	Flexible cyclic siloxane core enhances the transfection efficiency of polyethylenimine-based non-viral gene vectors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8250-8267.	5.8	17
49	Blue light-emitting polyamide and poly(amide-imide)s containing 1,3,4-oxadiazole ring in the side chain. <i>Dyes and Pigments</i> , 2015, 114, 110-123.	3.7	16
50	NMR detected metabolites in complex natural fluids. Quinic acid in apple juice. <i>Analele Universității Ovidius Constanța: Seria Chimie</i> , 2015, 26, 51-56.	0.9	5
51	New highlights of the syntheses of pyrrolo[1,2-a]quinoxalin-4-ones. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 2377-2387.	2.2	13
52	Out-of-Water Constitutional Self-Organization of Chitosan-Cinnamaldehyde Dynagels. <i>Chemistry - A European Journal</i> , 2014, 20, 4814-4821.	3.3	71
53	A Facile Synthesis of Pechmann Dyes. <i>Chemistry - A European Journal</i> , 2014, 20, 5565-5568.	3.3	18
54	Highly transparent and hydrophobic fluorinated polyimide films with ortho-kink structure. <i>European Polymer Journal</i> , 2014, 50, 200-213.	5.4	68

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55	Formal synthesis of (S)-pereniporin B and (S)-cinnamosmolide. <i>Natural Product Research</i> , 2014, 28, 1619-1625.	1.8	3
56	Low Toxicity $\beta$ -Cyclodextrin-Caged 4,4'-Bipyridinium-bis(siloxane): Synthesis and Evaluation. <i>Chemical Research in Toxicology</i> , 2014, 27, 546-557.	3.3	10
57	The influence of montmorillonite concentration and solvent polarity on the synthesis of benzoxazine monomers in the presence of montmorillonite. <i>Applied Clay Science</i> , 2013, 86, 99-105.	5.2	11
58	Unexpected formation of pyrrolo[1,2-a]quinoxaline derivatives during the multicomponent synthesis of pyrrolo[1,2-a]benzimidazoles. <i>Tetrahedron Letters</i> , 2013, 54, 1486-1488.	1.4	20
59	Regio- and stereoselective synthesis of (+)-6-ketoeuryfuran, (+)-6-ketowinterin, and (S)-7-ketoeuryfuran from accessible labdane diterpenoids (+)-larixol and (S)-sclareol. <i>Tetrahedron</i> , 2013, 69, 918-926.	1.9	14
60	Unexpected Formation of N-(1-(2-Aryl-hydrazono)isoindolin-2-yl)benzamides and Their Conversion into 1,2-(Bis-1,3,4-oxadiazol-2-yl)benzenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 2670-2679.	3.2	23
61	Synthesis of (S)-albrassitriol and (S)-6-epi-albrassitriol from (+)-larixol. <i>Natural Product Research</i> , 2013, 27, 809-817.	1.8	4
62	Synthesis of Polyfunctional Drimanes from Drim-7,9(11)-diene and Drim-8-en-7-one. <i>Synthetic Communications</i> , 2013, 43, 3020-3033.	2.1	6
63	Silsesquioxane-based hybrid nanocomposites with methacrylate units containing titania and/or silver nanoparticles as antibacterial/antifungal coatings for monumental stones. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013, 178, 1339-1346.	3.5	53
64	The $^1\text{H}$ NMR Profile of Healthy Dog Cerebrospinal Fluid. <i>PLoS ONE</i> , 2013, 8, e81192.	2.5	16
65	Chemical modification of cellulose acetate by allylation and crosslinking with siloxane derivatives. <i>Polymer International</i> , 2012, 61, 1115-1126.	3.1	17
66	New 1H-1-alkyl-6-methyl-3-phenyl-7-phenylazo-pyrazolo[5,1-c][1,2,4]triazoles through regioselective alkylation of 1H-6-methyl-3-phenyl-7-phenylazopyrazolo[5,1-c][1,2,4]triazoles. <i>Open Chemistry</i> , 2012, 10, 373-379.	1.9	1
67	Hierarchically structured polymer blends based on silsesquioxane hybrid nanocomposites with quaternary ammonium units for antimicrobial coatings. <i>Materials Chemistry and Physics</i> , 2012, 134, 190-199.	4.0	19
68	Synthesis, structural investigations, and DFT calculations on novel 3-(1,3-dioxan-2-yl)-10-methyl-10H-phenothiazine derivatives with fluorescence properties. <i>Tetrahedron</i> , 2012, 68, 2465-2470.	1.9	16
69	Inclusion complex of a new propiconazole derivative with $\beta$ -cyclodextrin: NMR, ESI-MS and preliminary pharmacological studies. <i>Results in Pharma Sciences</i> , 2011, 1, 27-37.	4.2	31
70	Cobalt(III) dimethylglyoximates containing selenourea and an unusual diselenourea ligand: Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 757-765.	1.0	10
71	New imides based on perylene and siloxane derivatives. <i>Dyes and Pigments</i> , 2011, 90, 106-113.	3.7	20
72	Phosphorylated polysaccharides. 3. Synthesis of phosphorylated curdlan and its polyelectrolyte behaviour compared with other phosphorylated polysaccharides. <i>Carbohydrate Polymers</i> , 2011, 84, 1176-1181.	10.2	39

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73	Blue fluorescent polyamides containing naphthalene and oxadiazole rings. Journal of Polymer Science Part A, 2011, 49, 893-906.	2.3	28
74	Organosoluble asymmetric aromatic polyamides bearing pendent phenoxy groups. Polymer International, 2011, 60, 1248-1258.	3.1	34
75	Reductive coupling of (azulen-1-yl)carbonyl compounds by low-valent titanium; pinacol/pinacolone rearrangement versus pinacol and alkene generation. Tetrahedron Letters, 2011, 52, 1858-1862.	1.4	8
76	Silicone-modified cellulose. Crosslinking of the cellulose acetate with 1,1,3,3-tetramethyldisiloxane by Pt-catalyzed dehydrogenative coupling. Journal of Polymer Research, 2010, 17, 837-845.	2.4	12
77	Mass spectrometry characterization of 3- $\beta$ -OH butyrate- $\beta$ -cyclodextrin. Journal of Polymer Science Part A, 2010, 48, 5581-5592.	2.3	14
78	New Nanocomposites Based on Epoxy Resins Reinforced with Modified Montmorillonite. International Journal of Polymer Analysis and Characterization, 2010, 15, 497-508.	1.9	12
79	Hydroacridines: Part 30. $^{13}\text{C}$ and $^1\text{H}$ NMR spectra of 9-substituted 1,2,3,4,5,6,7,8-octahydroacridines and of their $\text{N}$ -oxides. Magnetic Resonance in Chemistry, 2009, 47, 1031-1035.	1.9	9
80	A facile synthesis of pyridazinone derivatives under ultrasonic irradiation. Ultrasonics Sonochemistry, 2009, 16, 452-454.	8.2	31
81	A new strategy for polybenzoxazine-montmorillonite nanocomposites synthesis. Polymer Testing, 2009, 28, 338-347.	4.8	28
82	Organoselenium(II) complexes containing organophosphorus ligands. Crystal and molecular structure of $\text{PhSeSP(S)Ph}_2$ , $[\text{2-MeN(CH}_2\text{CH}_2)_2\text{NCH}_2\text{C}_6\text{H}_4\text{]SeSP(S)R}^2$ ( $\text{R}^2 = \text{Ph, OPr}$ ) and $[\text{2-O(CH}_2\text{CH}_2)_2\text{NCH}_2\text{C}_6\text{H}_4\text{]SeSP(S)(OPr)}_2$ . Journal of Organometallic Chemistry, 2009, 694, 1308-1316.	1.8	20
83	A new synthesis of pyrrolo[1,2-c]quinazoline from quinazolinium N-ylides: a re-investigation. Arkivoc, 2009, 2009, 232-241.	0.5	5
84	Hydroacridines: part 29. $^{15}\text{N}$ NMR chemical shifts of 9-substituted 1,2,3,4,5,6,7,8-octahydroacridines and their $\text{N}$ -oxides-Taft, Swain-Lupton, and other types of linear correlations. Magnetic Resonance in Chemistry, 2008, 46, 1141-1147.	1.9	13
85	Solid state structure and solution behaviour of organoselenium(ii) compounds containing 2- $[\text{E(CH}_2\text{CH}_2)_2\text{NCH}_2\text{C}_6\text{H}_4]$ groups ( $\text{E} = \text{O, NMe}$ ). Dalton Transactions, 2007, , 2187.	3.3	40
86	Saturated amine oxides: Part 8. Hydroacridines: Part 27. Effects of N-oxidation and of N-quaternization on the $^{15}\text{N}$ NMR chemical shifts of N-methylpiperidine-derived mono-, bi-, and tricycloaliphatic tertiary amines. Magnetic Resonance in Chemistry, 2007, 45, 231-235.	1.9	12
87	Thermal polymerization of benzoxazine monomers followed by GPC, FTIR and DETA. Polymer Testing, 2007, 26, 162-171.	4.8	52