

# Alina Nicolescu

## List of Publications by Year in descending order

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87  
papers

1,373  
citations

361413

20  
h-index

414414

32  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outâ€ofâ€Water Constitutional Selfâ€Organization of Chitosanâ€Cinnamaldehyde Dynagels. Chemistry - A European Journal, 2014, 20, 4814-4821.	3.3	71
2	Highly transparent and hydrophobic fluorinated polyimide films with ortho-kink structure. European Polymer Journal, 2014, 50, 200-213.	5.4	68
3	Biosynthesis of dextran by Weissella confusa and its In vitro functional characteristics. International Journal of Biological Macromolecules, 2018, 107, 1765-1772.	7.5	55
4	Silsesquioxane-based hybrid nanocomposites with methacrylate units containing titania and/or silver nanoparticles as antibacterial/antifungal coatings for monumental stones. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2013, 178, 1339-1346.	3.5	53
5	Thermal polymerization of benzoxazine monomers followed by GPC, FTIR and DETA. Polymer Testing, 2007, 26, 162-171.	4.8	52
6	Surface modified cellulose acetate membranes for the reactive retention of tetracycline. Separation and Purification Technology, 2020, 249, 117145.	7.9	49
7	Antibacterial and antioxidant properties of hesperidin:Î²-cyclodextrin complexes obtained by different techniques. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 71-84.	1.6	45
8	Cysteine-functionalized silica-coated magnetite nanoparticles as potential nanoadsorbents. Journal of Solid State Chemistry, 2017, 253, 318-328.	2.9	43
9	Solid state structure and solution behaviour of organoselenium(ii) compounds containing 2-[E(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NCH <sub>2</sub> ] <sub>2</sub> C <sub>6</sub> H <sub>4</sub> groups (E = O, NMe). Dalton Transactions, 2007, , 2187.	3.3	40
10	Phosphorylated polysaccharides. 3. Synthesis of phosphorylated curdlan and its polyelectrolyte behaviour compared with other phosphorylated polysaccharides. Carbohydrate Polymers, 2011, 84, 1176-1181.	10.2	39
11	Hybrid fullerene conjugates as vectors for DNA cell-delivery. Journal of Materials Chemistry B, 2015, 3, 2433-2446.	5.8	39
12	Organosoluble asymmetric aromatic polyamides bearing pendent phenoxy groups. Polymer International, 2011, 60, 1248-1258.	3.1	34
13	A facile synthesis of pyridazinone derivatives under ultrasonic irradiation. Ultrasonics Sonochemistry, 2009, 16, 452-454.	8.2	31
14	Inclusion complex of a new propiconazole derivative with Î²-cyclodextrin: NMR, ESIâ€MS and preliminary pharmacological studies. Results in Pharma Sciences, 2011, 1, 27-37.	4.2	31
15	Cationic curdlan: Synthesis, characterization and application of quaternary ammonium salts of curdlan. Carbohydrate Polymers, 2015, 123, 396-405.	10.2	31
16	A new strategy for polybenzoxazineâ€montmorillonite nanocomposites synthesis. Polymer Testing, 2009, 28, 338-347.	4.8	28
17	Blue fluorescent polyamides containing naphthalene and oxadiazole rings. Journal of Polymer Science Part A, 2011, 49, 893-906.	2.3	28
18	Unexpected Formation of <i>N</i>-1-(2-Aryl-hydrazono)isoindolin-2-yl)benzamides and Their Conversion into 1,2-(Bis-1,3,4-oxadiazol-2-yl)benzenes. Journal of Organic Chemistry, 2013, 78, 2670-2679.	3.2	23

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19	Multivalent polyrotaxane vectors as adaptive cargo complexes for gene therapy. <i>Polymer Chemistry</i> , 2018, 9, 845-859.	3.9	22
20	Organoselenium(II) complexes containing organophosphorus ligands. Crystal and molecular structure of PhSeSP(S)Ph <sub>2</sub> , [2-{MeN(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NCH <sub>2</sub> }C <sub>6</sub> H <sub>4</sub> ]SeSP(S)R <sup>2</sup> (R <sup>2</sup> = Ph, OPr) and [2-{O(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NCH <sub>2</sub> }C <sub>6</sub> H <sub>4</sub> ]SeSP(S)(OPr) <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1308-1316.	1.8	20
21	New imides based on perylene and siloxane derivatives. <i>Dyes and Pigments</i> , 2011, 90, 106-113.	3.7	20
22	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
23	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
24	A Facile Synthesis of Pechmann Dyes. <i>Chemistry - A European Journal</i> , 2014, 20, 5565-5568.	3.3	18
25	Chemical modification of cellulose acetate by allylation and crosslinking with siloxane derivatives. <i>Polymer International</i> , 2012, 61, 1115-1126.	3.1	17
26	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
27	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
28	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
29	The <sup>1</sup> H NMR Profile of Healthy Dog Cerebrospinal Fluid. <i>PLoS ONE</i> , 2013, 8, e81192.	2.5	16
30	New Strigolactone Mimics as Exogenous Signals for Rhizosphere Organisms. <i>Molecules</i> , 2017, 22, 961.	3.8	15
31	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
32	Mass spectrometry characterization of 3- <sup>13</sup> C butyrate- <sup>12</sup> C cyclodextrin. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5581-5592.	2.3	14
33	Regio- and stereoselective synthesis of (+)-6-ketoeuryfuran, (+)-6-ketowinterin, and (â <sup>+</sup> )-7-ketoeuryfuran from accessible labdane diterpenoids (+)-larixol and (â <sup>+</sup> )-sclareol. <i>Tetrahedron</i> , 2013, 69, 918-926.	1.9	14
34	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
35	Hydroacridines: part 29. <sup>15</sup> N NMR chemical shifts of 9- <sup>13</sup> C substituted 1,2,3,4,5,6,7,8- <sup>13</sup> C octahydroacridines and their <sup>13</sup> C NMR oxides. Taft, Swain, Lupton, and other types of linear correlations. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 1141-1147.	1.9	13
36	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

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37	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
38	Saturated amine oxides: Part 8. Hydroacridines: Part 27. Effects of N-oxidation and of N-quaternization on the <sup>15</sup> N NMR chemical shifts of N-methylpiperidine-derived mono-, bi-, and tricycloaliphatic tertiary amines. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 231-235.	1.9	12
39	Silicone-modified cellulose. Crosslinking of the cellulose acetate with 1,1,3,3-tetramethyldisiloxane by Pt-catalyzed dehydrogenative coupling. <i>Journal of Polymer Research</i> , 2010, 17, 837-845.	2.4	12
40	New Nanocomposites Based on Epoxy Resins Reinforced with Modified Montmorillonite. <i>International Journal of Polymer Analysis and Characterization</i> , 2010, 15, 497-508.	1.9	12
41	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
42	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
43	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
44	Isoxazole derivatives as new nitric oxide elicitors in plants. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 659-664.	2.2	12
45	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
46	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
47	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
48	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
49	Synthesis of Novel Tetranorlabdane Derivatives with Unprecedented Carbon Skeleton. <i>Synlett</i> , 2017, 28, 565-571.	1.8	10
50	A versatile method for obtaining new oxygenated fuel components from biomass. <i>Industrial Crops and Products</i> , 2018, 113, 288-297.	5.2	10
51	Hydroacridines: Part 30. <sup>1</sup> H and <sup>13</sup> C NMR spectra of $\epsilon$ -substituted 1,2,3,4,5,6,7,8-octahydroacridines and of their N-oxides. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 1031-1035.	1.9	9
52	Advanced Polybenzoxazine Structures Based on Modified Reduced Graphene Oxide. <i>Polymers</i> , 2018, 10, 941.	4.5	9
53	Lipoprotein profiles associated with exposure to poly- and perfluoroalkyl substances (PFASs) in the EuroMix human biomonitoring study. <i>Environmental Pollution</i> , 2022, 308, 119664.	7.5	9
54	Reductive coupling of (azulen-1-yl)carbonyl compounds by low-valent titanium; pinacol/pinacolone rearrangement versus pinacol and alkene generation. <i>Tetrahedron Letters</i> , 2011, 52, 1858-1862.	1.4	8

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55	Synthesis, photophysical properties and solvatochromic analysis of some naphthalene-1,8-dicarboxylic acid derivatives. <i>Journal of Molecular Liquids</i> , 2020, 303, 112626.	4.9	8
56	A Real-Life Reproducibility Assessment for NMR Metabolomics. <i>Diagnostics</i> , 2022, 12, 559.	2.6	8
57	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
58	Synthesis and Solvent Dependent Fluorescence of Some Piperidine-Substituted Naphthalimide Derivatives and Consequences for Water Sensing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2760.	4.1	7
59	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
60	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
61	β-Cyclodextrin as a Functional Excipient Used for Enhancing the Diminazene Aceturate Bioavailability. <i>Pharmaceutics</i> , 2019, 11, 295.	4.5	6
62	Monitoring Methylmalonic Aciduria by NMR Urinomics. <i>Molecules</i> , 2020, 25, 5312.	3.8	6
63	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
64	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
65	NMR detected metabolites in complex natural fluids. Quinic acid in apple juice. <i>Analele Universitii Ovidius Constanța: Seria Chimie</i> , 2015, 26, 51-56.	0.9	5
66	A new synthesis of pyrrolo[1,2-c]quinazoline from quinazolinium N-ylides: a re-investigation. <i>Arkivoc</i> , 2009, 2009, 232-241.	0.5	5
67	Synthesis of (S)-albrassitriol and (S)-6-epi-albrassitriol from (+)-larixol. <i>Natural Product Research</i> , 2013, 27, 809-817.	1.8	4
68	Synthesis, Stereochemical Studies and Antimycobacterial Activity of New Acetyl- Hydrazine Pyridazinones. <i>Current Organic Synthesis</i> , 2016, 14, 112-119.	1.3	4
69	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
70	Schiff bases containing a furoxan moiety as potential nitric oxide donors in plant tissues. <i>PLoS ONE</i> , 2018, 13, e0198121.	2.5	4
71	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
72	Design and synthesis of novel ditopic ligands with a pyrazole ring in the central unit. <i>Research on Chemical Intermediates</i> , 2020, 46, 1587-1611.	2.7	4

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73	Nitrogen-Based Linkers with a Mesitylene Core: Synthesis and Characterization. <i>Molecules</i> , 2021, 26, 5952.	3.8	4
74	Formal synthesis of (S)-pereniporin B and (S)-cinnamosmolide. <i>Natural Product Research</i> , 2014, 28, 1619-1625.	1.8	3
75	Electrochemical evidence for inclusion complexes of thiotriazinone with cyclodextrins. <i>RSC Advances</i> , 2016, 6, 82817-82823.	3.6	3
76	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
77	Lipoprofilng Assessed by NMR Spectroscopy in Patients with Acute Coronary Syndromes: Is There a Need for Fasting Prior to Sampling?. <i>Diagnostics</i> , 2022, 12, 1675.	2.6	3
78	A Severe Neonatal Argininosuccinic Aciduria Case Investigated by 1H NMR Spectroscopy. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 210-218.	0.4	2
79	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
80	Innovative approach for the synthesis of benzoxazine-modified montmorillonite. <i>High Performance Polymers</i> , 2015, 27, 599-606.	1.8	1
81	Benzimidazolium salts as starting materials or intermediates in 1,3-dipolar cycloadditions. <i>Monatshefte für Chemie</i> , 2021, 152, 845.	1.8	1
82	Di-topic hybrid ligands with an isoxazole ring in the central unit: Synthesis, structural characterization and molecular modeling. <i>Journal of Molecular Structure</i> , 2021, 1245, 131129.	3.6	1
83	A Severe Neonatal Argininosuccinic Aciduria Case Investigated by 1H NMR Spectroscopy. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 210-218.	0.4	0
84	One-pot reduction-hydrophobization of heterogenized platinum with 1,1,3,3-tetramethyldisiloxane. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6485.	3.5	0
85	Plant Biostimulants for Enhanced Sustainability of High-Residue Farming Systems. , 2022, 7, .		0
86	Synthesis, characterization, and some metal complexes of bis(isocyanide)disiloxane, showing catalytic activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	0
87	The importance of plasma amino acid profiling in the diagnosis of inborn errors of metabolism: analytical "prospective study. , 2022, 27, .		0