

# Anamaria Hanganu

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

526  
citations

623734

14  
h-index

752698

20  
g-index

61  
all docs

61  
docs citations

61  
times ranked

723  
citing authors

#	ARTICLE	IF	CITATIONS
1	The compositional characterisation of Romanian grape seed oils using spectroscopic methods. <i>Food Chemistry</i> , 2012, 134, 2453-2458.	8.2	37
2	Hybrid nanocomposites based on POSS and networks of methacrylated camelina oil and various PEG derivatives. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 458-469.	1.5	33
3	1-Phenylselenylazulenes: synthesis and selenium atom oxidation. <i>Monatshefte für Chemie</i> , 2014, 145, 1999-2009.	1.8	31
4	Post-Polymerization Electrochemical Functionalization of a Conducting Polymer: Diazonium Salt Electroreduction at Polypyrrole Electrodes. <i>Journal of the Electrochemical Society</i> , 2014, 161, G103-G113.	2.9	28
5	Organic layers via aryl diazonium electrochemistry: towards modifying platinum electrodes for interference free glucose biosensors. <i>Electrochimica Acta</i> , 2016, 206, 226-237.	5.2	27
6	Design of New Camelina Oil-Based Hydrophilic Monomers for Novel Polymeric Materials. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 881-891.	1.9	24
7	Saponification Value of Fats and Oils as Determined from <sup>1</sup> H-NMR Data: The Case of Dairy Fats. <i>Foods</i> , 2022, 11, 1466.	4.3	23
8	Hema-Functionalized Graphene Oxide: a Versatile Nanofiller for Poly(Propylene Fumarate)-Based Hybrid Materials. <i>Scientific Reports</i> , 2019, 9, 18685.	3.3	20
9	Phenolated Oleic Acid Based Polybenzoxazine Derivatives as Corrosion Protection Layers. <i>ChemPlusChem</i> , 2015, 80, 1170-1177.	2.8	19
10	Investigation of the conduction properties of ionic liquid crystal electrolyte used in dye sensitized solar cells. <i>Journal of Molecular Liquids</i> , 2018, 267, 81-88.	4.9	18
11	Electrodes modified with clickable thiosemicarbazone ligands for sensitive voltammetric detection of Hg(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128030.	7.8	18
12	When detection of dairy food fraud fails: An alternative approach through proton nuclear magnetic resonance spectroscopy. <i>Journal of Dairy Science</i> , 2021, 104, 8454-8466.	3.4	18
13	Functionalized polypyrrole/sulfonated graphene nanocomposites: Improved biosensing platforms through aryl diazonium electrochemistry. <i>Synthetic Metals</i> , 2018, 235, 20-28.	3.9	16
14	1-vinylazulenes – potential host molecules in ligands for metal ion detectors. <i>Tetrahedron</i> , 2016, 72, 2316-2326.	1.9	14
15	4-(Azulen-1-yl) six-membered heteroaromatics substituted in 2- and 6- positions with 2-(2-furyl)vinyl, 2-(2-thienyl)vinyl or 2-(3-thienyl)vinyl moieties. <i>Tetrahedron</i> , 2017, 73, 2488-2500.	1.9	14
16	Synthesis, Characterization, and Biologic Activity of New Acyl Hydrazides and 1,3,4-Oxadiazole Derivatives. <i>Molecules</i> , 2020, 25, 3308.	3.8	14
17	4-(Azulen-1-yl) six-membered heteroaromatics substituted with thiophen-2-yl or furan-2-yl moieties in 2 and 6 positions. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1019-1027.	2.6	13
18	Synthesis of conducting azopolymers by electrochemical grafting of a diazonium salt at polypyrrole electrodes. <i>Synthetic Metals</i> , 2015, 206, 84-91.	3.9	12

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19	Vinylazulenes chromophores: Synthesis and characterization. <i>Dyes and Pigments</i> , 2016, 131, 246-255.	3.7	12
20	Long-lived states detect interactions between small molecules and diamagnetic metal ions. <i>Journal of Magnetic Resonance</i> , 2017, 284, 15-19.	2.1	9
21	New HSV-1 Anti-Viral 1 $\alpha$ -Homocarbocyclic Nucleoside Analogs with an Optically Active Substituted Bicyclo[2.2.1]Heptane Fragment as a Glycoside Moiety. <i>Molecules</i> , 2019, 24, 2446.	3.8	9
22	Synthesis and biological activities of some new isonicotinic acid 2-(2-hydroxy-8-substituted-tricyclo[7.3.1.0 <sup>2,7</sup> ]tridec-13-ylidene)-hydrazides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 401-410.	3.0	8
23	Synthesis and Electrochemical Properties of Carbocyclic and Heterocyclic Diazulenylethenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6601-6610.	2.4	7
24	Exploring porous nanosilica-TEMPO as heterogeneous aerobic oxidation catalyst: the influence of supported gold clusters. <i>Journal of Porous Materials</i> , 2016, 23, 247-254.	2.6	7
25	New flexible molecular probes bearing dansyl and TEMPO moieties for host-guest interactions in solution and gels. <i>New Journal of Chemistry</i> , 2019, 43, 11233-11240.	2.8	7
26	Design, Synthesis, and Biological Evaluation of New Azulene-Containing Chalcones. <i>Materials</i> , 2022, 15, 1629.	2.9	7
27	Benzofurazan derivatives modified graphene oxide nanocomposite: Physico-chemical characterization and interaction with bacterial and tumoral cells. <i>Materials Science and Engineering C</i> , 2021, 123, 112028.	7.3	6
28	1-Vinylazulenes with Oxazolonic Ring-Potential Ligands for Metal Ion Detectors; Synthesis and Products Properties. <i>Symmetry</i> , 2021, 13, 1209.	2.2	6
29	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
30	Functionalized silica shell magnetic nanoparticles for nanophase peptide synthesis applications. <i>Microporous and Mesoporous Materials</i> , 2019, 286, 45-56.	4.4	5
31	Azulen-1-yl diazenes substituted at C-3 with phenyl-chalcogene moieties: dye synthesis, product characterization and properties. <i>Monatshefte für Chemie</i> , 2011, 142, 1271-1282.	1.8	4
32	Photochemistry of Fluorescent Azobenzenes Substituted with Azulenylpyridine Moiety. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 604, 41-51.	0.9	4
33	A novel adaptive fluorescent probe for cell labelling. <i>Bioorganic Chemistry</i> , 2019, 92, 103295.	4.1	4
34	Secondary compounds in the catalytic hydrogenation of enone and allylic alcohol prostaglandin intermediates: isolation, characterization, and X-ray crystallography. <i>New Journal of Chemistry</i> , 2019, 43, 7582-7599.	2.8	4
35	Improving the Voltammetric Determination of Hg(II): A Comparison Between Ligand-Modified Glassy Carbon and Electrochemically Reduced Graphene Oxide Electrodes. <i>Sensors</i> , 2020, 20, 6799.	3.8	4
36	Pyrylium salts with 2-(azulen-1-yl) vinyl substituents in 2-, 4- and/or 6-positions. <i>Arkivoc</i> , 2011, 2011, 38-50.	0.5	4

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37	Absolute Configuration Determination of Azulenyl Diols Isolated From Asymmetric Pinacol Coupling. <i>Chirality</i> , 2015, 27, 826-834.	2.6	3
38	Harnessing a byproduct from wastewater treatment to obtain improved starch/poly(vinyl alcohol) composites. <i>Carbohydrate Polymers</i> , 2020, 238, 115777.	10.2	3
39	A mixed organic functionalized silica-graphene oxide as advanced material for pollutant removal. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	3
40	A novel composite based on pyrene thiazole grafted on graphene oxide: physico-chemical characterization and electrochemical investigations. <i>Materials Chemistry and Physics</i> , 2021, 262, 124315.	4.0	3
41	Valmet Chiral Schiff-Base Ligands And Their Copper(II) Complexes as Organo, Homogeneous and Heterogeneous Catalysts for Henry, Cyanosilylation and Aldol Coupling Reactions. <i>ChemCatChem</i> , 0, , .	3.7	3
42	Functionalized 1,5,7-triazabicyclo [4.4.0] dec-5-ene (TBD) as Novel Organocatalyst for Efficient Depolymerization of Polyethylene Terephthalate (PET) Wastes. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 2613-2616.	0.4	3
43	5-(Azulen-1-yl diazenyl) tetrazoles; Syntheses and Properties. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 251-264.	0.4	3
44	New (azulen-1-yl diazenyl)-heteroaromatic Compounds Containing 1,2,5-thiadiazol-3-yl Moieties. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 1518-1529.	0.4	3
45	A long-range tautomeric effect on a new Schiff isoniazid analogue, evidenced by NMR study and X-ray crystallography. <i>New Journal of Chemistry</i> , 2018, 42, 14459-14468.	2.8	2
46	$\hat{I}^2$ -Ketophosphonates with Pentalenofuran Scaffolds Linked to the Ketone Group for the Synthesis of Prostaglandin Analogs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6787.	4.1	2
47	A Visit to Wittig and Arsa-Wittig Reactions. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 1-12.	0.4	2
48	Isolation and partial characterization of a polysaccharide produced by <i>Klebsiella oxytoca</i> ICCF 419, a newly-isolated strain in Romania. <i>Romanian Biotechnological Letters</i> , 2020, 25, 1861-1876.	0.5	2
49	Biocatalytic Strategy for Grafting Natural Lignin with Aniline. <i>Molecules</i> , 2020, 25, 4921.	3.8	1
50	Fatty Acid Profile of New Varieties of Grape Seed Oils Based on NMR Data and Their Authentication. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 130-135.	0.4	1
51	Preparation of Azulenes Substituted at Seven-Membered Cycle with 2- and 3-thiophenevinyl Groups. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 212-224.	0.4	1
52	New Carbocyclic Nucleosides with a Constrained Bicyclo[2.2.1]Heptane Fragment as a Glycoside Moiety. <i>Proceedings (mdpi)</i> , 2019, 29, 21.	0.2	0
53	New Benzo- and Dibenzo-Crown Ethers with (Azulen-1-yl)Vinyl Substituents. <i>Revista De Chimie (discontinued)</i> , 2021, 71, 1-9.	0.4	0
54	Trifluoroacetylation of Alcohols During NMR Study of Compounds with Bicyclo[2.2.1]heptane, Oxabicyclo[3.3.0]octane and Bicyclo[3.3.0]octane Skeleton. <i>Revista De Chimie (discontinued)</i> , 2021, 72, 156-177.	0.4	0

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55	Mechanistic Investigations of the Organocatalytic Depolymerization of PET Waste with Isosorbide. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1319-1326.	0.4	0
56	1- $\beta$ -Homocarbocyclic Nucleoside Analogs with an Optically Active Substituted Bicyclo[2.2.1]Heptane Scaffold. <i>Chemistry Proceedings</i> , 2021, 3, 16.	0.1	0
57	Key Intermediates for Building the $\gamma$ -Side Chain of Prostaglandins with a Constrained Pentalenofurane Scaffold Linked to C-15 Carbon Atom to Diminish the PG Inactivation. , 0, , .		0