

Alina A Ghinet

List of Publications by Year in descending order

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430754

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docs citations

100
times ranked

1188
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#	ARTICLE	IF	CITATIONS
1	From Conventional Lewis Acids to Heterogeneous Montmorillonite K10: Eco-Friendly Plant-Based Catalysts Used as Green Lewis Acids. <i>ChemSusChem</i> , 2018, 11, 1249-1277.	3.6	56
2	A small-molecule P2RX7 activator promotes anti-tumor immune responses and sensitizes lung tumor to immunotherapy. <i>Nature Communications</i> , 2021, 12, 653.	5.8	48
3	Involvement of the P2X7 Purinergic Receptor in Inflammation: An Update of Antagonists Series Since 2009 and their Promising Therapeutic Potential. <i>Current Medicinal Chemistry</i> , 2015, 22, 713-729.	1.2	43
4	Studies on indolizines. Evaluation of their biological properties as microtubule-interacting agents and as melanoma targeting compounds. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 115-127.	2.6	40
5	New farnesyltransferase inhibitors in the phenothiazine series. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4517-4522.	1.0	32
6	Synthesis and anticancer activity of analogues of phenstatin, with a phenothiazine A-ring, as a new class of microtubule-targeting agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 147-152.	1.0	32
7	Synthesis and biological evaluation of fluoro analogues of antimitotic phenstatin. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2932-2940.	1.4	29
8	New indolizine-chalcones as potent inhibitors of human farnesyltransferase: Design, synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3730-3734.	1.0	29
9	Synthesis and biological evaluation of phenstatin metabolites. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6042-6054.	1.4	28
10	Design, synthesis and evaluation of hydrazine and acyl hydrazone derivatives of 5-pyrrolidin-2-one as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127220.	1.0	28
11	Synthesis of triazoloquinazolinone based compounds as tubulin polymerization inhibitors and vascular disrupting agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 393-405.	2.6	26
12	Discovery of indolizines containing triazine moiety as new leads for the development of antitumoral agents targeting mitotic events. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3975-3979.	1.0	25
13	Pyroglutamide-Based P2X7 Receptor Antagonists Targeting Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2074-2094.	2.9	24
14	Novel indolizine derivatives with unprecedented inhibitory activity on human farnesyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5777-5781.	1.0	23
15	Conformational Restriction Leading to a Selective CB2 Cannabinoid Receptor Agonist Orally Active Against Colitis. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 198-203.	1.3	23
16	Studies on phenothiazines: New microtubule-interacting compounds with phenothiazine A-ring as potent antineoplastic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2307-2317.	1.4	23
17	Synthesis and biological evaluation of a new series of phenothiazine-containing protein farnesyltransferase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 101-110.	2.6	22
18	Synthesis and biological evaluation of new phenothiazine derivatives bearing a pyrazole unit as protein farnesyltransferase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6896-6902.	1.0	20

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19	Enantioseparation of pyroglutamide derivatives on polysaccharide based chiral stationary phases by high-performance liquid chromatography and supercritical fluid chromatography: A comparative study. <i>Journal of Chromatography A</i> , 2014, 1363, 257-269.	1.8	19
20	ZrCl ₄ as a new catalyst for ester amidation: an efficient synthesis of h-P2X ₇ R antagonists. <i>Tetrahedron Letters</i> , 2016, 57, 1165-1170.	0.7	16
21	A Small Aromatic Compound Has Antifungal Properties and Potential Anti-Inflammatory Effects against Intestinal Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 321.	1.8	16
22	The receptor for advanced glycation end products is a sensor for cell-free heme. <i>FEBS Journal</i> , 2021, 288, 3448-3464.	2.2	16
23	Studies on pyrrolidinones. On the application of copper-catalyzed arylation of methyl pyroglutamate to obtain a new benzo[de]quinoline scaffold. <i>Tetrahedron</i> , 2010, 66, 215-221.	1.0	15
24	Indolizine-phenothiazine hybrids as the first dual inhibitors of tubulin polymerization and farnesyltransferase with synergistic antitumor activity. <i>Bioorganic Chemistry</i> , 2020, 103, 104184.	2.0	15
25	On the discovery of new potent human farnesyltransferase inhibitors: emerging pyroglutamic derivatives. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8110-8118.	1.5	13
26	Access to 3-spiroindolizines containing an isoindole ring through intra-molecular arylation of spiro-N-acyliminium species: a new family of potent farnesyltransferase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2798-2808.	1.5	13
27	Synthesis and biological evaluation of a new series of N-ylides as protein farnesyltransferase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5887-5892.	1.0	12
28	Peptide chemistry applied to a new family of phenothiazine-containing inhibitors of human farnesyltransferase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3180-3185.	1.0	12
29	Comparison of dimethylated and methylchlorinated amylose stationary phases, coated and covalently immobilized on silica, for the separation of some chiral compounds in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2020, 1621, 461053.	1.8	11
30	Design, synthesis and antifungal activity of pterolactam-inspired amide Mannich bases. <i>Farmacologia</i> , 2020, 143, 104581.	1.1	11
31	In Vitro Metabolism of Phenstatin: Potential Pharmacological Consequences. <i>Drug Metabolism Letters</i> , 2011, 5, 209-215.	0.5	10
32	Core-shell Particles: A Way to Greening Liquid Chromatography in Environmental Applications. <i>Current Chromatography</i> , 2019, 5, 78-90.	0.1	10
33	Discovery of ferrocene-containing farnesyltransferase inhibitors. Investigation of bulky lipophilic groups for the A ₂ binding site of farnesyltransferase. <i>MedChemComm</i> , 2012, 3, 1147.	3.5	9
34	Antagonists of the P ₂ X ₇ receptor: Mechanism of enantioselective recognition using highly sulfated and sulfobutylether cyclodextrins by capillary electrokinetic chromatography. <i>Electrophoresis</i> , 2014, 35, 2892-2899.	1.3	9
35	Phenothiazine-based CaaX competitive inhibitors of human farnesyltransferase bearing a cysteine, methionine, serine or valine moiety as a new family of antitumoral compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4447-4452.	1.0	9
36	Impact of Functional Groups on the Copper-Initiated N-Arylation of 5-Functionalized Pyrrolidin-2-ones and Their Vinylogues. <i>Synthesis</i> , 2016, 48, 2226-2244.	1.2	9

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37	New salicylic acid and pyroglutamic acid conjugated derivatives confer protection to bread wheat against <i>Zymoseptoria tritici</i> . <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1780-1786.	1.7	9
38	Saccharin Provides Protection and Activates Defense Mechanisms in Wheat Against the Hemibiotrophic Pathogen <i>Zymoseptoria tritici</i> . <i>Plant Disease</i> , 2021, 105, 780-786.	0.7	9
39	Two New Compounds Containing Pyridinone or Triazine Heterocycles Have Antifungal Properties against <i>Candida albicans</i> . <i>Antibiotics</i> , 2022, 11, 72.	1.5	9
40	Triflic Acid Catalyzed Intermolecular α -Amination of Pterolactams To Give 5-Arylamino-pyrrolidinones via N-Acyliminium Species. <i>Synlett</i> , 2016, 27, 934-940.	1.0	8
41	Discovery of highly functionalized scaffolds: Pyrroloimidazolediones as P2X7 receptor antagonists. <i>Tetrahedron</i> , 2017, 73, 5327-5336.	1.0	8
42	Benzo[7,8]indolizinoquinoline scaffolds based on Mg(ClO ₄) ₂ -promoted regioselective imide reduction and β -cyclization of N-acyliminium species. Analogues of the topo-1 poison rosettin and 22-hydroxyacuminatine alkaloids. <i>Arabian Journal of Chemistry</i> , 2019, 12, 680-693.	2.3	8
43	Phenylidone(III) Diacetate-Mediated Domino Approach for Pyrrolo[1,4]Thiazines and 1,4-Thiazines by a One-Pot Morin Rearrangement of N,S-Acetals. <i>Chemistry - A European Journal</i> , 2019, 25, 6113-6118.	1.7	8
44	Exploring isoxazoles and pyrrolidinones decorated with the 4,6-dimethoxy-1,3,5-triazine unit as human farnesyltransferase inhibitors. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800227.	2.1	8
45	Analytical and preparative enantioseparations in supercritical fluid chromatography using different brands of immobilized cellulose tris (3,5-dichlorophenylcarbamate) columns: Some differences. <i>Journal of Chromatography A</i> , 2020, 1622, 461125.	1.8	8
46	Ultrasounds-mediated 10-seconds synthesis of chalcones as potential farnesyltransferase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127149.	1.0	8
47	An efficient one-pot reaction for the synthesis of pyrazolones bearing a phenothiazine unit. <i>Tetrahedron Letters</i> , 2012, 53, 6127-6131.	0.7	7
48	Eaton's Reagent-Mediated Domino β -Cationic Arylations of Aromatic Carboxylic Acids to α -Red Polymethoxylated Polycyclic Aromatic Hydrocarbons: Products with Unprecedented Biological Activities as Tubulin Polymerization Inhibitors. <i>Chemistry - A European Journal</i> , 2014, 20, 10117-10130.	1.7	7
49	Exploring chiral separation of 3-carboxamido-5-aryl isoxazole derivatives by supercritical fluid chromatography on amylose and cellulose tris dimethyl- and chloromethyl phenylcarbamate polysaccharide based stationary phases. <i>Journal of Chromatography A</i> , 2016, 1467, 473-481.	1.8	7
50	Synthesis and biological evaluation of a new class of triazin-triazoles as potential inhibitors of human farnesyltransferase. <i>Research on Chemical Intermediates</i> , 2016, 42, 1999-2021.	1.3	7
51	Biomass of ryegrass from field experiments: toward a cost-effective and efficient biosourced catalyst for the synthesis of Moclobemide. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 15-22.	2.1	7
52	Studies on pyrrolidinones. Reaction of pyroglutamic acid and vinyllogues with aromatics in Eaton's reagent. <i>Tetrahedron</i> , 2012, 68, 1109-1116.	1.0	6
53	On the synthesis and biological properties of isocombretastatins: a case of ketone homologation during Wittig reaction attempts. <i>RSC Advances</i> , 2013, 3, 3683.	1.7	6
54	Methylene versus carbonyl bridge in the structure of new tubulin polymerization inhibitors with tricyclic A-rings. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 6021-6030.	1.4	6

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55	Supercritical fluid chromatography approach for a sustainable manufacture of new stereoisomeric anticancer agent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 845-853.	1.4	6
56	Wheat and ryegrass biomass ashes as effective sorbents for metallic and organic pollutants from contaminated water in lab-engineered cartridge filtration system. <i>Bioresource Technology</i> , 2020, 318, 124044.	4.8	6
57	Enhanced antitumor potential induced by chloroacetate-loaded benzophenones acting as fused tubulin-pyruvate dehydrogenase kinase 1 (PDHK1) ligands. <i>Bioorganic Chemistry</i> , 2020, 96, 103643.	2.0	6
58	Antioxidant Activity of New Benzo[de]quinolines and Lactams: 2D Quantitative Structure-Activity Relationships. <i>Medicinal Chemistry</i> , 2012, 8, 942-946.	0.7	5
59	1,3,5-Oxadiazine Framework by Oxygen vs. Nitrogen Trapping of an <i>N</i> -Acyliminium Ion Derived from <i>N,O</i> -bis-TMS Pyroglutamic Acid. <i>ChemistrySelect</i> , 2017, 2, 10654-10660.	0.7	5
60	Cesium salts as superior catalysts for solvent-free modifications of biosourced pterolactam. <i>Molecular Catalysis</i> , 2019, 470, 32-39.	1.0	5
61	Toward a New Way for the Valorization of Miscanthus Biomass Produced on Metal-Contaminated Soils Part 1: Mesocosm and Field Experiments. <i>Sustainability</i> , 2020, 12, 9370.	1.6	5
62	New Efficient Eco-Friendly Supported Catalysts for the Synthesis of Amides with Antioxidant and Anti-Inflammatory Properties. <i>ChemMedChem</i> , 2020, 15, 459-467.	1.6	5
63	Investigation of New Phenothiazine and Carbazole Derivatives as Potential Inhibitors of Human Farnesyltransferase. <i>Letters in Drug Design and Discovery</i> , 2014, 12, 85-92.	0.4	5
64	Toward a New Way for the Valorization of Miscanthus Biomass Produced on Metal-Contaminated Soils Part 2: Miscanthus-Based Biosourced Catalyst: Design, Preparation, and Catalytic Efficiency in the Synthesis of Moclobemide. <i>Sustainability</i> , 2021, 13, 34.	1.6	5
65	The revisited synthesis of tert-butyl pyroglutamate derivatives. <i>Tetrahedron</i> , 2013, 69, 6821-6825.	1.0	4
66	Studies on Pyrrolidinones: Chemistry of Dimethoxytriazines. <i>Synthesis</i> , 2013, 45, 1333-1340.	1.2	4
67	Evaluation and comparison of three different separation techniques for analysis of retroamide enantiomers and their biological evaluation against h-P2X7 receptor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 986-987, 35-43.	1.2	4
68	Performance comparison of chlorinated chiral stationary phases in supercritical fluid chromatography for separation of selected pyrrolidone derivatives. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 248-253.	2.4	4
69	Benefits of Ryegrass on Multicontaminated Soils Part 2: A Green Process to Provide Idrocilamide. <i>Sustainability</i> , 2019, 11, 6685.	1.6	4
70	Switching the reactivity of cyanomethylpyridinium salts in the 1,3-cycloaddition conditions with alkyl propiolates to cyanoindolizines or cyanoazaindolizynyl-indolizines. <i>Tetrahedron</i> , 2020, 76, 131502.	1.0	4
71	Optimization of Detection of Native Amino Acids with Evaporative Light Scattering Detector in Chiral Supercritical Fluid Chromatography. <i>Chromatographia</i> , 2021, 84, 179-185.	0.7	4
72	Supercritical fluid chromatography for separation of chiral planar metallocenes. <i>Journal of Chromatography A</i> , 2022, 1674, 463115.	1.8	4

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73	DFT calculations on the Friedel-Crafts benzylation of 1,4-dimethoxybenzene using ZnCl ₂ impregnated montmorillonite K10 – inversion of relative selectivities and reactivities of aryl halides. Chemical Papers, 2011, 65, .	1.0	3
74	Synthesis and Biological Evaluation of Some New Indolizine Derivatives as Antitumoral Agents. Letters in Drug Design and Discovery, 2016, 13, 479-488.	0.4	3
75	The Reactivity of Enantiopure (<i>S</i>)-Oxopiperic Acid and Corresponding Pyridoisoquinolines Under Acidic Conditions. European Journal of Organic Chemistry, 2018, 2018, 5499-5511.	1.2	3
76	An innovative and efficient method to synthesize meloxicam in one-step procedure with respect to the green chemistry. Journal of the Iranian Chemical Society, 2019, 16, 501-509.	1.2	3
77	Site-Selective Pd-Catalysed Fujiwara-Moritani type Reaction of N,S-Heterocyclic Systems with Olefins. Advanced Synthesis and Catalysis, 2021, 363, 1088-1095.	2.1	3
78	The phytoextraction power of Cichorium intybus L. on metal-contaminated soil: Focus on time- and cultivar-depending accumulation and distribution of cadmium, lead and zinc. Chemosphere, 2022, 287, 132122.	4.2	3
79	Removal of heavy metals from contaminated water using industrial wastes containing calcium and magnesium. Journal of Cleaner Production, 2022, 337, 130472.	4.6	3
80	A sustainable approach to manage metal-contaminated soils: a preliminary greenhouse study for the possible production of metal-enriched ryegrass biomass for biosourced catalysts. Environmental Monitoring and Assessment, 2019, 191, 626.	1.3	2
81	The potential of ryegrass (Lolium perenne L.) to clean up multi-contaminated soils from labile and phytoavailable potentially toxic elements to contribute into a circular economy. Environmental Science and Pollution Research, 2019, 26, 17489-17498.	2.7	2
82	Separations of antifungal compounds in capillary electrophoresis with two anionic cyclodextrins. Electrophoresis, 2019, 40, 1986-1991.	1.3	2
83	Ecocatalysed Hurtley reaction: Synthesis of urolithin derivatives as new potential RAGE antagonists with anti-ageing properties. Sustainable Chemistry and Pharmacy, 2021, 23, 100518.	1.6	2
84	Effects of Calcium Phosphates on the (Im)Mobilization of Metals and Nutrients, on the Biological Activity and on the Plant Health from Multi-contaminated Urban Soils. Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	1
85	Insights on the Chemical Behavior of Ethyl Cyanofornate: Dipolarophile, Cyano or Ethoxycarbonyl Source. ChemistrySelect, 2019, 4, 13724-13730.	0.7	1
86	¹³ C-Lactam-Based Antifungal Compounds against the Wheat Pathogen Zymoseptoria tritici. Chemistry and Biodiversity, 2021, 18, e2100224.	1.0	1
87	Carbon dioxide transformation as a green alternative to phosgene and chloroformates: N-carboxyalkylation of lactams and analogues. Journal of CO ₂ Utilization, 2021, 54, 101782.	3.3	1
88	Comparison of enhanced fluidity liquid chromatography with liquid chromatography for enantioseparation of selected ¹³ C-lactam derivatives. Journal of Chromatography Open, 2022, 2, 100026.	0.8	1
89	Attempts to Access a Series of Pyrazoles Lead to New Hydrazones with Antifungal Potential against Candida species including Azole-Resistant Strains. Molecules, 2021, 26, 5861.	1.7	0
90	In-depth examination of the pterolactams behaviour in Lewis/Brønsted acid catalysis environment: Total isolation of the reaction products. Arkivoc, 2021, 2020, 94-114.	0.3	0