

Luis D Miranda

List of Publications by Year in descending order

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88
papers

1,642
citations

279487

23
h-index

344852

36
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115
all docs

115
docs citations

115
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	The limitations on organic detection in Mars-like soils by thermal volatilization-gas chromatography-MS and their implications for the Viking results. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16089-16094.	3.3	161
2	Efficient, intermolecular, oxidative radical alkylation of heteroaromatic systems under tin-free conditions. Chemical Communications, 2003, , 2316-2317.	2.2	90
3	Two-Step Synthesis of 2,3-Dihydropyrroles via a Formal 5-endo Cycloisomerization of Ugi 4-CR/Propargyl Adducts. Organic Letters, 2012, 14, 5408-5411.	2.4	66
4	Efficient, Tin-Free Radical Cyclization to Aromatic Systems. Synthesis of 5,6,8,9,10,11-Hexahydroindolo[2,1-a]isoquinolines. Journal of Organic Chemistry, 2004, 69, 4001-4004.	1.7	57
5	A Short Synthesis of the Erythrina Skeleton and of (±)-Lycorane. Organic Letters, 2002, 4, 1135-1138.	2.4	56
6	Synthesis of azepino[4,5-b]indolones via an intermolecular radical oxidative substitution of N-Boc tryptamine. Organic and Biomolecular Chemistry, 2009, 7, 1388.	1.5	56
7	Efficient oxidative radical spirocyclization. Chemical Communications, 2007, , 3485.	2.2	54
8	Straightforward four-component access to spiroindolines. Chemical Communications, 2011, 47, 8145.	2.2	54
9	A tandem carbonylation/cyclization radical process of 1-(2-iodoethyl)indoles and pyrrole. Tetrahedron Letters, 1999, 40, 7153-7157.	0.7	43
10	An Easy Entry into Berbane and Alloyohimbane Alkaloids via a 6-exo Radical Cyclization. Organic Letters, 2001, 3, 3125-3127.	2.4	41
11	Highly regioselective radical alkylation of 3-substituted pyrroles. Tetrahedron Letters, 2007, 48, 4515-4518.	0.7	41
12	Et ₃ B-Mediated radical alkylation of pyrroles and indoles. Tetrahedron Letters, 2006, 47, 2517-2520.	0.7	38
13	A tandem radical addition/cyclization process of 1-(2-iodoethyl)indoles and methyl acrylate. Tetrahedron Letters, 2000, 41, 10181-10184.	0.7	33
14	Ugi/xanthate cyclizations as a radical route to lactam scaffolds. Tetrahedron Letters, 2006, 47, 8259-8261.	0.7	33
15	Expedient entry to the piperazinohydroisoquinoline ring system using a sequential Ugi/Pictet-Spengler/reductive methylation reaction protocol. Chemical Communications, 2011, 47, 10770.	2.2	33
16	Intramolecular radical acylation of 2-methylsulfonylpyrroles. Tetrahedron Letters, 2000, 41, 3035-3038.	0.7	30
17	Efficient Synthesis of Azaspirodienones by Microwave-Assisted Radical Spirocyclization of Xanthate-Containing Ugi Adducts. Synthesis, 2010, 2010, 1285-1290.	1.2	30
18	Convenient access to isoindolinones via carbamoyl radical cyclization. Synthesis of cichorine and 4-hydroxyisoindolin-1-one natural products. Tetrahedron, 2011, 67, 2693-2701.	1.0	30

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19	Ugi-derived dehydroalanines as a pivotal template in the diversity oriented synthesis of aza-polyheterocycles. <i>Chemical Communications</i> , 2015, 51, 11669-11672.	2.2	30
20	Carbamoyl radicals from carbamoylxanthates: a facile entry into isoindolin-1-ones. <i>Tetrahedron Letters</i> , 2007, 48, 8285-8289.	0.7	28
21	Oxidative radical cyclization on enamide systems using n-Bu ₃ SnH and dilauroyl peroxide. <i>Tetrahedron</i> , 2003, 59, 4953-4958.	1.0	26
22	Radical cyclizations to quinolone and isoquinolone systems under oxidative and reductive conditions. <i>Tetrahedron Letters</i> , 2004, 45, 2855-2858.	0.7	26
23	Synthesis of novel tryptamine-based macrocycles using an Ugi 4-CR/microwave assisted click-cycloaddition reaction protocol. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4408-4412.	1.5	26
24	Multicomponent/Palladium-Catalyzed Cascade Entry to Benzopyrrolizidine Derivatives: Synthesis and Antioxidant Evaluation. <i>Journal of Organic Chemistry</i> , 2015, 80, 10611-10623.	1.7	26
25	Solvent free oxidative radical substitution process. Synthesis of pyrrole fused systems. <i>Tetrahedron Letters</i> , 2010, 51, 6000-6002.	0.7	25
26	New xanthate-based radical cyclization onto alkynes. <i>Chemical Communications</i> , 2010, 46, 2489.	2.2	21
27	A novel carbamoyl radical based dearomatizing spiroacylation process. <i>Chemical Communications</i> , 2015, 51, 8345-8348.	2.2	21
28	Synthesis of N-methyl-5,6-dihydrobenzo[<i>c</i>]phenanthridine and its sp ³ C(6)-H bond functionalization via oxidative cross-dehydrogenative coupling reactions. <i>Tetrahedron Letters</i> , 2015, 56, 6669-6673.	0.7	19
29	Multicomponent access to indolo[3,3a- <i>c</i>]isoquinolin-3,6-diones: formal synthesis of (±)-plicamine. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3677-3680.	1.5	19
30	Synthesis of 6-methyl-3,4-dihydropyrazinones using an Ugi 4-CR/allenamidine cycloisomerization protocol. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 360-372.	1.5	19
31	Synthesis of spiroindolenine derivatives by a tandem radical-oxidation process. <i>Tetrahedron Letters</i> , 2009, 50, 5336-5339.	0.7	18
32	Microwave-assisted C-3 selective oxidative radical alkylation of flavones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2946.	1.5	18
33	Practical synthesis and cytotoxic evaluation of the pyrazino[1,2- <i>b</i>]-isoquinoline ring system. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4875-4884.	1.5	17
34	Visible light/Ir(III) photocatalytic initiation of xanthate-based radical-chain reactions: Xanthate group transfer and oxidative addition to aromatic systems. <i>Tetrahedron</i> , 2018, 74, 5494-5502.	1.0	17
35	Xanthate-based microwave-assisted C-H radical functionalization of caffeine, 1,3-dimethyluracil, and imidazo[1,2- <i>a</i>]pyridines. <i>Tetrahedron Letters</i> , 2017, 58, 1326-1329.	0.7	16
36	Base-free two-step synthesis of 1,3-diketones and β -ketoesters from α -diazocarbonyl compounds, trialkylboranes, and aromatic aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6506.	1.5	15

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37	Concise total synthesis of hericerin natural product. <i>Tetrahedron Letters</i> , 2013, 54, 2131-2132.	0.7	15
38	Photocatalytic xanthate-based radical addition/cyclization reaction sequence toward 2-biphenyl isocyanides: synthesis of 6-alkylated phenanthridines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3487-3491.	1.5	15
39	Synthesis of (±)-desethylrhazinal using a tandem radical addition-cyclization process. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 361-362.	1.5	14
40	Cytotoxic Activity and Structure-Activity Relationship of Triazole-Containing Bis(Aryl Ether) Macrocycles. <i>ChemMedChem</i> , 2018, 13, 1193-1209.	1.6	14
41	Substitution of β -nitrostyrenes by electrophilic carbon-centered radicals. <i>Tetrahedron Letters</i> , 2004, 45, 2085-2088.	0.7	13
42	A Selective Direct Alkylation of Coumarins by Using a Microwave-Assisted Xanthate-Based Radical Reaction. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4098-4101.	1.2	13
43	A Photoredox Catalysis Approach for the Synthesis of Both the ABDE and the ABCD Cores of Tronocarpine. <i>Synthesis</i> , 2020, 52, 246-252.	1.2	13
44	Shedding Blue Light on the Undergraduate Laboratory: An Easy-to-Assemble LED Photoreactor for Aromatization of a 1,4-Dihydropyridine. <i>Journal of Chemical Education</i> , 2019, 96, 2015-2020.	1.1	12
45	Diversity-oriented synthesis and cytotoxic screening of fused dihydropyrazin-2(1H)-ones through a Ugi 4-CR/deprotection/Heck sequence. <i>Tetrahedron</i> , 2020, 76, 131383.	1.0	12
46	Diversity-oriented synthesis and cytotoxic activity evaluation of biaryl-containing macrocycles. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2450-2458.	1.5	11
47	meso-Dihydroguaiaretic acid derivatives with antibacterial and antimycobacterial activity. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5247-5259.	1.4	11
48	A two-step practical synthesis of dehydroalanine derivatives. <i>Tetrahedron Letters</i> , 2011, 52, 1635-1638.	0.7	10
49	Diversity-oriented synthesis of cyclopropyl peptides from Ugi-derived dehydroalanines. <i>Tetrahedron</i> , 2017, 73, 6146-6156.	1.0	10
50	Diversity-Oriented Synthesis of Highly Fluorescent Fused Isoquinolines for Specific Subcellular Localization. <i>Journal of Organic Chemistry</i> , 2020, 85, 633-649.	1.7	10
51	Selectivity in radical alkylation of substituted pyrroles. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 697-705.	1.0	9
52	A unified synthesis of topologically diverse <i>Aspidosperma</i> alkaloids through divergent iminium-trapping. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9409-9419.	1.5	9
53	Peroxide-Mediated Oxidative Radical Cyclization to the Quinazolinone System: Efficient Syntheses of Deoxyvasicinone, Mackinazolinone and (±)-Leucomidine C. <i>Synthesis</i> , 2021, 53, 1471-1477.	1.2	9
54	Some mechanistic observations on the borohydride mediated reductive cyclisation of tosylhydrazones. <i>Chemical Communications</i> , 2001, , 1068-1069.	2.2	8

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55	Synthesis of Structurally Diverse Emissive Molecular Rotors with Four-Component Ugi Stators. <i>Journal of Organic Chemistry</i> , 2018, 83, 2570-2581.	1.7	8
56	Mild C(sp) ³ -H functionalization of dihydrosanguinarine and dihydrochelerythrine for development of highly cytotoxic derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 1-12.	2.6	7
57	Synthesis of diphenylamine macrocycles and their anti-inflammatory effects. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1423-1435.	1.5	7
58	2D 1H and 13C NMR in the conformation of 4-aryl derivatives of thieno[3,2-c]pyridines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999, 55, 1035-1048.	2.0	6
59	Crystal structure of ethyl 2,4-dichloroquinoline-3-carboxylate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o939-o939.	0.2	6
60	Synthesis and cytotoxic effect of pregnenolone derivatives with one or two α,β -unsaturated carbonyls and an ester moiety at C-21 or C-3. <i>Steroids</i> , 2018, 131, 37-45.	0.8	6
61	A Two-Step Multicomponent Synthetic Approach and Anti-inflammatory Evaluation of <i>N</i> -substituted 2-Oxopyrazines. <i>ChemMedChem</i> , 2019, 14, 132-146.	1.6	6
62	Expedited Synthesis of Matrine Analogues through an Oxidative Cascade Addition/Double-Cyclization Radical Process. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2481-2485.	1.2	5
63	Palladium-catalyzed olefin migration and 7-endo-trig cyclization of dehydroalanines. <i>Tetrahedron Letters</i> , 2018, 59, 848-852.	0.7	5
64	Multicomponent synthesis and anti-proliferative screening of biaryl triazole-containing cyclophanes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127899.	1.0	5
65	Microwave-assisted gold(I) catalyzed pyran ring opening in brevifloralactone: synthesis of the hawtriwaic acid core. <i>Tetrahedron Letters</i> , 2009, 50, 633-635.	0.7	4
66	Synthesis of the AB-DE Ring System Present in the Alstoscholarine Alkaloids. <i>Synthesis</i> , 2012, 44, 1051-1056.	1.2	4
67	Synthesis of Quinoline-4-carboxamides and Quinoline-4-carboxylates via a Modified Pfitzinger Reaction of <i>N</i> -vinylisatins. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 637-647.	1.2	4
68	Asymmetric Dual-State Emitters Featuring Thiazole Acceptors. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	4
69	Synthesis of benzo-fused spiropiperidines through a regioselective free radical-mediated cyclization as key step: a suitable alternative towards the lead β -1 receptor ligand L-687384. <i>Monatshefte für Chemie</i> , 2015, 146, 987-995.	0.9	3
70	Synthesis, antimycobacterial evaluation, and QSAR analysis of meso-dihydroguaiaretic acid derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 1026-1042.	1.1	3
71	Multicomponent synthesis and preliminary anti-inflammatory activity of lipophilic diphenylamines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 38, 127860.	1.0	3
72	Discovery of Benzopyrrolizidines as Promising Antigiardiasic Agents. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 828100.	1.8	3

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73	Photo-induced coupling of tertiary amines with Ugi-derived dehydroalanines as a practical device in the synthesis to 2,4-diaminobutyric acid derivatives. <i>Tetrahedron Letters</i> , 2019, 60, 151152.	0.7	2
74	Antimicrobial and antileishmanial activities of extracts and some constituents from the leaves of <i>Solanum chrysotrichum</i> Schldl. <i>Medicinal Chemistry Research</i> , 2021, 30, 152-162.	1.1	2
75	Electrochemical reactivity of S-phenacyl-O-ethyl-xanthates in hydroalcoholic (MeOH/H ₂ O 4:1) and anhydrous acetonitrile media. <i>Electrochimica Acta</i> , 2021, 380, 138239.	2.6	2
76	Expanding the structure-activity relationship of cytotoxic diphenyl macrocycles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 62, 128628.	1.0	2
77	Rapid access to ketones related to oleanolic and ursolic acids. <i>Natural Product Research</i> , 2012, 26, 675-679.	1.0	1
78	Pairing multicomponent stators with aromatic rotators for new emissive molecular rotors. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3404-3412.	1.5	1
79	Tandem radical addition/cyclization of 1-(2-iodoethyl)indoles and pyrroles with methyl acrylate under Fenton-type conditions. <i>Arkivoc</i> , 2003, 2002, 15-22.	0.3	1
80	Synthesis of Tetrahydro-4 <i>H</i> -pyrido[1,2 <i>b</i>]isoquinolin-4-ones from Ugi 4 <i>R</i> -Derived Dihydroisoquinoline-Xanthates**. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	1
81	Oxidative Radical Cyclization on Enamide Systems Using n-Bu ₃ SnH and Dilauroyl Peroxide.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
82	Efficient, Intermolecular, Oxidative Radical Alkylation of Heteroaromatic Systems under Sn -Free Conditions.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
83	Substitution of $\hat{\text{I}}^2$ -Nitrostyrenes by Electrophilic Carbon-Centered Radicals.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
84	Radical Cyclizations to Quinolone and Isoquinolone Systems under Oxidative and Reductive Conditions.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
85	Efficient, Sn -Free Radical Cyclization to Aromatic Systems. Synthesis of 5,6,8,9,10,11-Hexahydroindolo[2,1-a]isoquinolines.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
86	$\hat{\text{I}}^{\pm}$ -Xanthylmethyl Ketones from $\hat{\text{I}}^{\pm}$ -Diazo ketones. <i>Synthesis</i> , 0, 53, .	1.2	0
87	Front Cover: Synthesis of Tetrahydro-4 <i>H</i> -pyrido[1,2 <i>b</i>]isoquinolin-4-ones from Ugi 4 <i>R</i> -Derived Dihydroisoquinoline-Xanthates (<i>Eur. J. Org. Chem.</i> 22/2022). <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	0
88	Electrochemical Reactivity of N-Alkoxyphthalimides, Towards O Radicals Electrogeneration and Use in Electrosynthesis. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1821-1821.	0.0	0