

Maïris Turks

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/108678/publications.pdf>

Version: 2024-02-01

116
papers

1,567
citations

331670

21
h-index

434195

31
g-index

144
all docs

144
docs citations

144
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	Photophysical and Electrical Properties of Highly Luminescent 2/6-Triazolyl-Substituted Push-Pull Purines. ACS Omega, 2022, 7, 5242-5253.	3.5	11
2	Synthesis of 8-Aminoquinoline Amides of Ursonic and Oleanonic Acid. MolBank, 2022, 2022, M1361.	0.5	1
3	Application of Azide-Tetrazole Tautomerism and Arylsulfanyl Group Dance in the Synthesis of Thio-substituted Tetrazoloquinazolines. Synthesis, 2021, 53, 1443-1456.	2.3	6
4	1,2,3-Triazoles as leaving groups in S _N Ar reactions: synthesis of C6-phosphonated purine derivatives. Beilstein Journal of Organic Chemistry, 2021, 17, 193-202.	2.2	6
5	Synthesis of 2-triazolylpurine Phosphonates. Chemistry of Heterocyclic Compounds, 2021, 57, 55-62.	1.2	3
6	All-organic fast intersystem crossing assisted exciplexes exhibiting sub-microsecond thermally activated delayed fluorescence. Journal of Materials Chemistry C, 2021, 9, 4532-4543.	5.5	18
7	1,2,3-Triazoles as leaving groups: S _N Ar reactions of 2,6-bis-triazolylpurines with O- and C-nucleophiles. Beilstein Journal of Organic Chemistry, 2021, 17, 410-419.	2.2	3
8	Toward unsymmetrical 2,6-bis-triazolylpurine nucleosides. Chemistry of Heterocyclic Compounds, 2021, 57, 292-297.	1.2	3
9	Anticancer Potential of Betulonic Acid Derivatives. International Journal of Molecular Sciences, 2021, 22, 3676.	4.1	26
10	Metal-free glycosylation with glycosyl fluorides in liquid SO ₂ . Beilstein Journal of Organic Chemistry, 2021, 17, 964-976.	2.2	6
11	Synthesis and photophysical properties of 2-azolyl-6-piperidinylpurines. Chemistry of Heterocyclic Compounds, 2021, 57, 560-567.	1.2	5
12	Electrosynthesis of Stable Betulin-Derived Nitrile Oxides and their Application in Synthesis of Cytostatic Lupane-Type Triterpenoid Isoxazole Conjugates. European Journal of Organic Chemistry, 2021, 2021, 2557-2577.	2.4	13
13	Synthesis of water-soluble ester-linked ursolic acid-gallic acid hybrids with various hydrolytic stabilities. Synthetic Communications, 2021, 51, 2466-2477.	2.1	5
14	Synthesis and Cytotoxicity of Sulfanyl, Sulfinyl and Sulfonyl Group Containing Ursane Conjugates with 1,3,4-Oxadiazoles and 1,2,4-Triazoles. ChemistrySelect, 2021, 6, 6472-6477.	1.5	5
15	Applications of Purine Ring Opening in the Synthesis of Imidazole, Pyrimidine, and New Purine Derivatives. European Journal of Organic Chemistry, 2021, 2021, 5027-5052.	2.4	14
16	Rapid Catalytic Water Disinfection from Earth Abundant Ca ₂ Fe ₂ O ₅ Brownmillerite. Advanced Sustainable Systems, 2021, 5, 2100130.	5.3	5
17	Synthesis of Azido and Triazolyl Purine Ribonucleosides. Current Protocols, 2021, 1, e241.	2.9	1
18	Synthesis of 3-Silylated 3-Sulfolenes from Propargylsilanes and their Reductive Desulfitation. Chemistry of Heterocyclic Compounds, 2021, 57, 20-25.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Nucleophile–nucleofuge duality of azide and arylthiolate groups in the synthesis of quinazoline and tetrazoloquinazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7706-7723.	2.8	6
20	Synthesis and Antioxidant Activity of New N-Containing Hybrid Derivatives of Gallic and Ursolic Acids. <i>Chemistry of Natural Compounds</i> , 2021, 57, 1042-1046.	0.8	1
21	Synthesis of cytotoxic urs-12-ene- and 28-norurs-12-ene- type conjugates with amino- and mercapto-1,3,4-oxadiazoles and mercapto-1,2,4-triazoles. <i>Steroids</i> , 2020, 153, 108524.	1.8	16
22	Generation of 1-azabicyclo[3.2.1]octane and 5-azatricyclo[3.2.1.0 ^{2,7}]octane systems by carbenium ion rearrangements during production of the antihistamine drug Quifenadine. <i>Tetrahedron Letters</i> , 2020, 61, 151405.	1.4	2
23	Proof of principle of a purine Dâ€² ligand based ratiometric chemical sensor harnessing complexation induced intermolecular PET. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26502-26508.	2.8	6
24	Synthesis and cytotoxicity of hybrids of 1,3,4- or 1,2,5-oxadiazoles tethered from ursane and lupane core with 1,2,3-triazole. <i>Steroids</i> , 2020, 162, 108698.	1.8	16
25	Ring opening of methylenecyclopropanes with halides in liquid sulfur dioxide. <i>Tetrahedron Letters</i> , 2020, 61, 152528.	1.4	1
26	Sulfonyl Group Dance: A Tool for the Synthesis of 6-Azido-2-sulfonyl-purine Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 4753-4771.	3.2	11
27	Synthesis of Sulfones <i>via</i> Ru(II)-Catalyzed Sulfination of Boronic Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 5660-5669.	3.2	19
28	Delivery Systems for Birch-bark Triterpenoids and their Derivatives in Anticancer Research. <i>Current Medicinal Chemistry</i> , 2020, 27, 1308-1336.	2.4	20
29	Metal- and Reagent-Free Electrochemical Synthesis of Alkyl Arylsulfonates in a Multi-Component Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 8358-8362.	3.3	27
30	Manifestation of the ² -Silicon Effect in the Reactions of Unsaturated Systems Involving a 1,2-Silyl Shift. <i>Synthesis</i> , 2020, 52, 2147-2161.	2.3	10
31	Marine Natural Products with High Anticancer Activities. <i>Current Medicinal Chemistry</i> , 2020, 27, 1243-1307.	2.4	30
32	Lupane-type conjugates with aminoacids, 1,3,4-oxadiazole and 1,2,5-oxadiazole-2-oxide derivatives: Synthesis, anti-inflammatory activity and in silico evaluation of target affinity. <i>Steroids</i> , 2019, 150, 108443.	1.8	19
33	2,6-Bis[4-(4-butylphenyl)-1H-1,2,3-triazol-1-yl]-9-dodecyl-9H-purine. <i>MolBank</i> , 2019, 2019, M1073.	0.5	0
34	Rupe Rearrangement Studies in Liquid Sulfur Dioxide. <i>Key Engineering Materials</i> , 2019, 800, 42-46.	0.4	2
35	Synthesis and fluorescent properties of N(9)-alkylated 2-amino-6-triazolylpurines and 7-deazapurines. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 474-489.	2.2	19
36	Brønsted Acid Catalyzed 1,2-Silyl Shift in Propargyl Silanes: Synthesis of Silyl Dienes and Silyl Indenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 3595-3611.	3.2	18

#	ARTICLE	IF	CITATIONS
37	Recent investigations and applications of azidoazomethine-tetrazole tautomeric equilibrium (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 1041-1043.	1.2	15
38	Enhanced degradation of an azo dye by catalytic ozonation over Ni-containing layered double hydroxide nanocatalyst. <i>Separation and Purification Technology</i> , 2019, 210, 764-774.	7.9	114
39	Diastereoselective aza-Michael addition for synthesis of carbohydrate-derived spiropiperazinones. <i>Monatshefte für Chemie</i> , 2019, 150, 21-28.	1.8	1
40	Novel Ciprofloxacin Derivatives for Polymer-Based Drug Delivery Systems. <i>Key Engineering Materials</i> , 2018, 762, 36-41.	0.4	0
41	Study on Synthesis of <i>N</i> -Protected 2-Triazolyl Azetidines. <i>Key Engineering Materials</i> , 2018, 762, 19-24.	0.4	1
42	Synthesis of Tetrahydroindazole-Triazole Conjugates and their Derivatization by the Ritter Reaction. <i>Key Engineering Materials</i> , 2018, 762, 25-30.	0.4	0
43	Easy Access to Isomeric 7-Deazapurine-1,2,3-Triazole Conjugates via SNAr and CuAAC Reactions of 2,6-Diazido-7-deazapurines. <i>Synlett</i> , 2018, 29, 525-529.	1.8	7
44	In(III) and Hf(IV) Triflate-Catalyzed Hydration and Catalyst-free Hydrohalogenation of Aryl Acetylenes in Liquid Sulfur Dioxide. <i>ACS Omega</i> , 2018, 3, 18065-18077.	3.5	13
45	Purine-Furan and Purine-Thiophene Conjugates. <i>MolBank</i> , 2018, 2018, M1024.	0.5	2
46	Modern approaches for SO ₂ insertion in heterocyclic synthesis (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 584-586.	1.2	17
47	Energy level determination of purine containing blue light emitting organic compounds. , 2018, , .		1
48	Synthesis of allyl sulfones from potassium allyltrifluoroborates. <i>Tetrahedron Letters</i> , 2017, 58, 2727-2731.	1.4	13
49	Regioselective Ring Opening of N-H-Aziridines with Sulfur Nucleophiles in Liquid SO ₂ . <i>Synlett</i> , 2017, 28, 939-943.	1.8	10
50	Synthesis of novel lupane triterpenoid-indazolone hybrids with oxime ester linkage. <i>Steroids</i> , 2017, 117, 77-89.	1.8	14
51	Synthesis and Immunological Evaluation of Virus-Like Particle-Milbemycin A3/A4 Conjugates. <i>Antibiotics</i> , 2017, 6, 18.	3.7	4
52	Crystal structure of 3,6,6-trimethyl-4-oxo-1-(pyridin-2-yl)-4,5,6,7-tetrahydro-1 <i>H</i> -indazol-7-aminium chloride and its monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1931-1936.	0.5	0
53	Indium-Triflate-Catalyzed Ritter Reaction in Liquid Sulfur Dioxide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1414-1419.	2.4	30
54	Synthesis and Applications of Silyl 2-Methylpropyl Sulfonates in Preparative Silylation and GC-MS Derivatization Reactions of Polyols and Carbohydrates. <i>Chemistry - A European Journal</i> , 2016, 22, 4196-4205.	3.3	9

#	ARTICLE	IF	CITATIONS
55	Synthesis of purine nucleoside- α -amino acid conjugates and their photophysical properties. <i>Tetrahedron</i> , 2016, 72, 4177-4185.	1.9	12
56	Non-activated aziridines as building blocks for the synthesis of aza-heterocycles (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 773-775.	1.2	14
57	Ring-Opening of Carbamate-Protected Aziridines and Azetidines in Liquid Sulfur Dioxide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1760-1771.	2.4	21
58	Development of functionalized hydroxyapatite/poly(vinyl alcohol) composites. <i>Journal of Crystal Growth</i> , 2016, 444, 14-20.	1.5	17
59	Development of N6-methyl-2-(1,2,3-triazol-1-yl)-2'-deoxyadenosine as a novel fluorophore and its application in nucleotide synthesis. <i>Tetrahedron Letters</i> , 2016, 57, 1174-1178.	1.4	20
60	Structural characterization of cevimeline and its trans -impurity by single crystal XRD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 404-409.	2.8	2
61	Crystal structure of 3-C-(N-benzyloxycarbonyl)aminomethyl-3-deoxy-1,2:5,6-di-O-isopropylidene- β -D-allofuranose. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1212-1215.	0.5	1
62	Crystal structures of two (α)-exo-N-isobornylacetamides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1117-1120.	0.5	3
63	Synthesis of Building Blocks for Carbopeptoids and Their Triazole Isoster Assembly. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5572-5584.	2.4	8
64	User Friendly Synthesis of Vogel's Silyl Sulfinat and its Application in Quantitative GC-MS Analysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1251-1256.	1.6	2
65	Synthesis of monomeric methylene-linked 1,2,3-triazole glycoconjugates from allo- and glucofuranoses. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 883-890.	1.2	6
66	Novel 3-C-aminomethyl-hexofuranose-derived thioureas and their testing in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 952-960.	1.8	11
67	Synthesis of allyl sulfoxides from allylsilanes via silyl sulfinates. <i>Tetrahedron Letters</i> , 2015, 56, 4578-4581.	1.4	13
68	Synthesis of Novel 2- And 6-Alkyl/Arylthiopurine Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1236-1241.	1.6	8
69	Synthesis and Applications of Azolypurine and Azolypurine Nucleoside Derivatives. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3629-3649.	2.4	25
70	Synthesis of 1,2,3-triazole-linked glycohybrids in the gluco-, gulo-, and allopyranose series. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 664-671.	1.2	6
71	The isolation and synthesis of neodolastane diterpenoids. <i>Natural Product Reports</i> , 2015, 32, 230-255.	10.3	25
72	Crystal structure of 3-O-benzyl-4(R)-C-(1-benzyl-1H-1,2,3-triazol-4-yl)-1,2-O-isopropylidene- β -D-erythrofuranose. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1542-1544.	0.5	1

#	ARTICLE	IF	CITATIONS
73	A novel matrix metalloproteinase-2 inhibitor triazolymethyl aziridine reduces melanoma cell invasion, angiogenesis and targets ERK1/2 phosphorylation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 765-772.	5.2	9
74	2,6-Dichloro-9-(2,3,5-tri-O-acetyl- β -D-ribofuranosyl)-9H-purine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o108-o109.	0.2	1
75	{(3aR,5S,6R,6aR)-5-[(1R)-1,2-Dihydroxyethyl]-2,2-dimethyltetrahydrofuro[2,3-d][1,3]dioxol-6-yl}methanesulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o524-o525.	0.2	0
76	Betulin 3,28-di-O-tosylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o879-o880.	0.2	1
77	Discovery and structure-activity relationship studies of irreversible benzisothiazolinone-based inhibitors against <i>Staphylococcus aureus</i> sortase A transpeptidase. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5988-6003.	3.0	52
78	Synthesis and X-ray studies of novel 3-C-nitromethyl-hexofuranoses. <i>Carbohydrate Research</i> , 2014, 391, 82-88.	2.3	6
79	Synthesis of 1,2,3-triazole-linked galactohybrids and their inhibitory activities on galectins. <i>Arkivoc</i> , 2014, 2014, 90-112.	0.5	16
80	A concise synthesis of sugar isoxazole conjugates. <i>Tetrahedron Letters</i> , 2013, 54, 5328-5331.	1.4	20
81	Application of 2,6-diazidopurine derivatives in the synthesis of thiopurine nucleosides. <i>Tetrahedron Letters</i> , 2013, 54, 6557-6561.	1.4	22
82	Tetrahydrofuran amino acids of the past decade. <i>Tetrahedron</i> , 2013, 69, 10693-10710.	1.9	28
83	1,2,3-Triazoles as leaving groups in purine chemistry: a three-step synthesis of N6-substituted-2-triazolyl-adenine nucleosides and photophysical properties thereof. <i>Tetrahedron Letters</i> , 2013, 54, 850-853.	1.4	38
84	Radiation chemistry of salicylic and methyl substituted salicylic acids: Models for the radiation chemistry of pharmaceutical compounds. <i>Radiation Physics and Chemistry</i> , 2013, 92, 93-98.	2.8	12
85	A practical access to glucose- and allose-based (5+5) 3-spiropseudonucleosides from a common intermediate. <i>Carbohydrate Research</i> , 2013, 375, 5-15.	2.3	15
86	Application of Metal Free Click Chemistry in Biological Studies. <i>Current Organic Chemistry</i> , 2013, 17, 610-640.	1.6	26
87	The Synthesis and X-ray Studies of 6-pyrrolidinyl-2-triazolyl Purine Arabinonucleoside. <i>Material Science & Applied Chemistry</i> , 2013, 28, 39.	0.1	2
88	A facile synthesis of 4-acylamino-tetrahydroindazoles via the Ritter reaction. <i>Tetrahedron</i> , 2012, 68, 6131-6140.	1.9	14
89	Synthesis of novel 3-deoxy-3-C-triazolymethyl-allose derivatives and evaluation of their biological activity. <i>Open Chemistry</i> , 2012, 10, 386-394.	1.9	10
90	On Moffatt dehydration of glucose-derived nitro alcohols. <i>Carbohydrate Research</i> , 2012, 350, 86-89.	2.3	14

#	ARTICLE	IF	CITATIONS
91	Crystal structure of methanolsodium dianemycin in methanol (1:2), Na(C ₄₇ H ₇₇ O ₁₄)(CH ₄ O) · 2CH ₄ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2012, 227, .	0.3	0
92	Total Asymmetric Syntheses of β -Hydroxy- γ -lactones via Umpolung with Sulfur Dioxide. Journal of Organic Chemistry, 2011, 76, 840-845.	3.2	8
93	Synthesis and X-ray analysis of 7-bromoarbidol, an impurity standard of arbidol. Journal of Heterocyclic Chemistry, 2011, 48, 724-728.	2.6	4
94	Efficient Asymmetric Synthesis of Long-Chain Polyketides Containing up to Ten Contiguous Stereogenic Centres by Double Chain Elongation. European Journal of Organic Chemistry, 2011, 2011, 3317-3328.	2.4	10
95	Concise Synthesis of Complicated Polypropionates through One-Pot Dissymmetrical Two-Directional Chain Elongation. Chemistry - A European Journal, 2011, 17, 4246-4253.	3.3	10
96	Resolution, absolute configuration, and synthetic transformations of 7-amino-tetrahydroindazolones. Tetrahedron: Asymmetry, 2011, 22, 728-739.	1.8	9
97	Total Synthesis and Determination of the Absolute Configuration of (β)-dolabriferol. Angewandte Chemie - International Edition, 2010, 49, 8525-8527.	13.8	19
98	Synthesis of triazole-functionalized tetrahydroindazolones by 1,3-dipolar cycloadditions between azides and alkynes. Tetrahedron Letters, 2009, 50, 3046-3049.	1.4	15
99	Synthesis of Optically Active 5-Alkoxy-6-methylcyclohex-2-en-1-ones and 4-Alkoxy-5-methylcyclopent-1-enyl Benzoate. Journal of Organic Chemistry, 2009, 74, 435-437.	3.2	7
100	Umpolung with Sulfur Dioxide: Carbon-Carbon Cross-Coupling of Electron-Rich 1,3-Dienes and Alkenes; Application to the Enantioselective Synthesis of Long-Chain Polyketide Fragments. Synthesis, 2009, 2009, 1065-1074.	2.3	3
101	Synthesis of (<i>E</i>)-1-Alkoxy-3-acyloxy-2-methylpenta-1,3-dienes via Danishefsky-Type Dienes or <i>O</i> -Acylation of Enones. Journal of Organic Chemistry, 2009, 74, 8882-8885.	3.2	16
102	Use of sultines in the asymmetric synthesis of polypropionate antibiotics. Pure and Applied Chemistry, 2008, 80, 791-805.	1.9	26
103	Synthesis of Enantiomerically Enriched 2-Substituted Pyrrolidine Analogues of Norhygrine. Application of the Hetero-Diels-Alder Addition of Sulfur Dioxide. Heterocycles, 2007, 72, 681.	0.7	3
104	New Organic Chemistry of Sulfur Dioxide. Accounts of Chemical Research, 2007, 40, 931-942.	15.6	117
105	The bora-ene reaction of sulfur dioxide and prop-2-ene-1-boronic esters. New route to sulfoxides. Tetrahedron Letters, 2006, 47, 2783-2786.	1.4	30
106	Sulfur dioxide mediated one-pot, four-component synthesis of polyfunctional sulfones and sulfonamides, including medium-ring cyclic derivatives. Tetrahedron, 2005, 61, 11473-11487.	1.9	24
107	Expedient Asymmetric Synthesis of a Stereoheptad Corresponding to the C(19)-C(27)-Ansa Chain of Rifamycins: Formal Total Synthesis of Rifamycin S. Chemistry - A European Journal, 2005, 11, 465-476.	3.3	28
108	Sulfur Dioxide Mediated One-Pot, Three- and Four-Component Syntheses of Polyfunctional Sulfonamides and Sulfonic Esters: Study of the Stereoselectivity of the Ene Reaction of Sulfur Dioxide. ChemInform, 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
109	Synthesis of Long-Chain Polyketide Fragments by Reaction of 1,3-Dioxy-1,3-dienes with Allylsilanes:â€™ Umpolung with Sulfur Dioxide. <i>Organic Letters</i> , 2004, 6, 1053-1056.	4.6	26
110	First Asymmetric Synthesis of the Cyclohexanone Subunit of Baconipyrones A and B. Revision of Its Structure. <i>Organic Letters</i> , 2004, 6, 3031-3034.	4.6	23
111	Sulfur Dioxide Mediated One-Pot, Three- and Four-Component Syntheses of Polyfunctional Sulfonamides and Sulfonic Esters:Â Study of the Stereoselectivity of the Ene Reaction of Sulfur Dioxide. <i>Journal of Organic Chemistry</i> , 2004, 69, 6413-6418.	3.2	46
112	Sml2-Mediated Cyclizations of Derivatized Î²-Lactams for the Highly Diastereoselective Construction of Functionalized Prolines. <i>Journal of Organic Chemistry</i> , 2002, 67, 2411-2417.	3.2	42
113	Glucose - and Allose-Derived Chiral Auxiliaries. <i>Key Engineering Materials</i> , 0, 800, 36-41.	0.4	0
114	Characteristics of the Coagulate Obtained During the Process of Model Wastewater Treatment. <i>Environment Technology Resources Proceedings of the International Scientific and Practical Conference</i> , 0, 1, 9.	0.0	0
115	Synthesis and Photophysical Properties of Purine-Phenoxazine and Purine-Phenothiazine Conjugates. <i>Key Engineering Materials</i> , 0, 903, 155-161.	0.4	1
116	Synthesis of 7-Arylpurines from Substituted Pyrimidines. <i>Synthesis</i> , 0, , .	2.3	2