

Alberto Coelho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/724620/publications.pdf>

Version: 2024-02-01

57
papers

1,269
citations

361045

20
h-index

360668

35
g-index

63
all docs

63
docs citations

63
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of hydrogen and valuable fuels from polyethylene terephthalate waste dissolved in phenol reforming and cracking reactions via Ni-Co/CeO ₂ nano-catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 154, 105018.	2.6	15
2	Catalytic biohydrogen production from organic waste materials: A literature review and bibliometric analysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30903-30925.	3.8	30
3	Integrating Reactors and Catalysts through Three-Dimensional Printing: Efficiency and Reusability of an Impregnated Palladium on Silica Monolith in Sonogashira and Suzuki Reactions. <i>ChemCatChem</i> , 2020, 12, 1762-1771.	1.8	21
4	Multicatalysis Combining 3D-Printed Devices and Magnetic Nanoparticles in One-Pot Reactions: Steps Forward in Compartmentation and Recyclability of Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25283-25294.	4.0	30
5	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. <i>ACS Catalysis</i> , 2018, 8, 392-404.	5.5	88
6	Multicomponent Assembly of the Kinesin Spindle Protein Inhibitor CPUYJ039 and Analogues as Antimitotic Agents. <i>ACS Combinatorial Science</i> , 2017, 19, 153-160.	3.8	5
7	3-Oxopyridazin-5-yl-Chalcone Hybrids: Potent Antiplatelet Agents That Prevent Glycoprotein IIb/IIIa Activation. <i>ChemistrySelect</i> , 2017, 2, 4920-4933.	0.7	4
8	An efficient and recyclable 3D printed Al_2O_3 catalyst for the multicomponent assembly of bioactive heterocycles. <i>Applied Catalysis A: General</i> , 2017, 530, 203-210.	2.2	82
9	3D printing of a heterogeneous copper-based catalyst. <i>Journal of Catalysis</i> , 2016, 334, 110-115.	3.1	167
10	Sol-gel entrapped Cu in a silica matrix: An efficient heterogeneous nanocatalyst for Huisgen and Ullmann intramolecular coupling reactions. <i>Applied Catalysis A: General</i> , 2015, 502, 86-95.	2.2	21
11	Pyrazin-2(1 <i>H</i>)-ones as a novel class of selective A ₃ adenosine receptor antagonists. <i>Future Medicinal Chemistry</i> , 2015, 7, 1373-1380.	1.1	8
12	Editorial (Thematic Issue: Structure-Based Drug Design and Combinatorial Chemistry in the Search of) <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1-10.	1.8	0
13	Structure-Based Design of New KSP ^{EG5} Inhibitors Assisted by a Targeted Multicomponent Reaction. <i>ChemBioChem</i> , 2014, 15, 1471-1480.	1.3	5
14	Multicomponent Reactions in Antimitotic Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2209-2230.	1.0	12
15	Discovery of 3,4-Dihydropyrimidin-2(1 <i>H</i>)-ones As a Novel Class of Potent and Selective A _{2B} Adenosine Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1031-1036.	1.3	65
16	Multicomponent Assembly of Diverse Pyrazin-2(1 <i>H</i>)-one Chemotypes. <i>Journal of Organic Chemistry</i> , 2013, 78, 4402-4409.	1.7	24
17	Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition under Oxidative Conditions: Polymer-Assisted Assembly of 4-Acyl-1-Substituted-1,2,3-Triazoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 6540-6549.	1.7	23
18	Three-Component Assembly of Structurally Diverse 2-Aminopyrimidine-5-carbonitriles. <i>ACS Combinatorial Science</i> , 2013, 15, 370-378.	3.8	17

#	ARTICLE	IF	CITATIONS
19	Selective and potent adenosine A ₃ receptor antagonists by methoxyaryl substitution on the N-(2,6-diarylpyrimidin-4-yl)acetamide scaffold. <i>European Journal of Medicinal Chemistry</i> , 2013, 59, 235-242.	2.6	13
20	Discovery and Preliminary SAR of 5-Arylidene-2,2-Dimethyl-1,3-Dioxane-4,6-Diones as Platelet Aggregation Inhibitors. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 551-554.	0.6	9
21	Silica-Supported Aluminum Chloride-Assisted Solution Phase Synthesis of Pyridazinone-Based Antiplatelet Agents. <i>ACS Combinatorial Science</i> , 2011, 13, 7-12.	3.8	11
22	Pyrimidine Derivatives as Potent and Selective A ₃ Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 457-471.	2.9	56
23	Supported TBD-Assisted Solution Phase Diversification of Formyl-Aza-Heterocycles Through Alkylation-Knoevenagel One Pot Sequences. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 570-582.	0.6	4
24	Convergent assembly of structurally diverse quinazolines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 351-357.	1.5	8
25	Supported <i>p</i> -Toluenesulfonic Acid as a Highly Robust and Eco-Friendly Isocyanide Scavenger. <i>ACS Combinatorial Science</i> , 2011, 13, 89-95.	3.8	21
26	Polymer-Supported 1,5,7-Triazabicyclo[4.4.0]decane as Polyvalent Ligands in the Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1179-1192.	2.1	70
27	Divergent Solution-Phase Synthesis of Diarylpyrimidine Libraries as Selective A ₃ Adenosine Receptor Antagonists. <i>ACS Combinatorial Science</i> , 2009, 11, 519-522.	3.3	13
28	Auto-Tandem Catalysis: Synthesis of Substituted 1 <i>H</i> -indolo[3,2- <i>c</i>]quinolines via Palladium-Catalyzed Intermolecular C-N and Intramolecular C-C Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 465-470.	2.1	59
29	2-Substituted 4-, 5-, and 6-[(1 <i>E</i>)-3-oxo-3-phenylprop-1-en-1-yl]pyridazin-3(2 <i>H</i>)-ones and 2-substituted 4,5-bis[(1 <i>E</i>)-3-oxo-3-phenylprop-1-en-1-yl]pyridazin-3(2 <i>H</i>)-ones as potent platelet aggregation inhibitors: Design, synthesis, and SAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 793-797.	1.0	12
30	Click Chemistry Approach to Assembly Proline Mimetic Libraries Containing 1,4-Substituted 1,2,3-Triazoles. <i>ACS Combinatorial Science</i> , 2008, 10, 372-375.	3.3	17
31	Synthetic Applications of Polystyrene-Supported 1,1,3,3-Tetramethylguanidine. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 843-847.	0.6	3
32	Design, Synthesis, and Structure-Activity Relationships of a Novel Series of 5-Alkylidenepyridazin-3(2 <i>H</i>)-ones with a Non-cAMP-Based Antiplatelet Activity. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6476-6484.	2.9	23
33	Straightforward Entry to Libraries of Diversely Substituted Azinones by a Consecutive Aza-Michael/Palladium-Catalyzed Functionalization Strategy. <i>ACS Combinatorial Science</i> , 2006, 8, 388-400.	3.3	6
34	Pyridazines part 41: Synthesis, antiplatelet activity and SAR of 2,4,6-substituted 5-(3-oxo-3-phenylprop-1-en-1-yl)- or 5-(3-phenylprop-2-enoyl)pyridazin-3(2 <i>H</i>)-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1080-1083.	1.0	22
35	Efficient Consecutive Alkylation-Knoevenagel Functionalizations in Formyl Aza-Heterocycles Using Supported Organic Bases. <i>Synlett</i> , 2006, 2006, 3324-3328.	1.0	3
36	Straightforward Three-Component Palladium-Catalysed Synthesis of Pyridazin-3(2 <i>H</i>)-one Libraries. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2006, 9, 15-19.	0.6	2

#	ARTICLE	IF	CITATIONS
37	Pyridazine derivatives. Part 40: Reactivity of 5-alkynylpyridazin-3(2H)-ones toward hydrochloric acid. <i>Tetrahedron</i> , 2005, 61, 4785-4791.	1.0	10
38	Pyridazine Derivatives. Part 39. Reactivity of 5-Iodopyridazin-3(2H)-ones in Palladium-Catalyzed Reactions.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
39	Pyridazine Derivatives. Part 40. Reactivity of 5-Alkynylpyridazin-3(2H)-ones Toward Hydrochloric Acid.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
40	Synthesis and Binding Affinity of Novel 3-Aminoethyl-1-tetralones, Potential Atypical Antipsychotics.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
41	Synthesis and binding affinity of novel 3-aminoethyl-1-tetralones, potential atypical antipsychotics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3063-3066.	1.0	13
42	Expanding the Chemical Diversity of Azinone Libraries by A Consecutive Alkylation/Palladium-Catalyzed Functionalization Strategy. <i>ACS Combinatorial Science</i> , 2005, 7, 526-529.	3.3	10
43	Pyridazine derivatives. Part 39: Reactivity of 5-iodopyridazin-3(2H)-ones in palladium-catalysed reactions. <i>Tetrahedron</i> , 2004, 60, 12177-12189.	1.0	25
44	Synthesis of 1-Substituted-6-methyluracils.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
45	Pyridazines. Part 36. Synthesis and Antiplatelet Activity of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
46	Pyridazine Derivatives. Part 38. Efficient Heck Alkenylation at Position 5 of the 6-Phenyl-3(2H)-pyridazinone System.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
47	Pyridazine derivatives. Part 38: Efficient Heck alkenylation at position 5 of the 6-phenyl-3(2H)-pyridazinone system. <i>Tetrahedron Letters</i> , 2004, 45, 3459-3463.	0.7	19
48	Pyridazines. Part 36: Synthesis and antiplatelet activity of 5-substituted-6-phenyl-3(2H)-pyridazinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 321-324.	1.0	48
49	Pyridazine Derivatives. Part 33. Sonogashira Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
50	Pyridazine Derivatives. Part 32. Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
51	Pyridazines. Part 34. Retro-ene-Assisted Palladium-Catalyzed Synthesis of 4,5-Disubstituted-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
52	Pyridazines. Part 34: Retro-ene-assisted palladium-catalyzed synthesis of 4,5-disubstituted-3(2H)-pyridazinones. <i>Tetrahedron Letters</i> , 2003, 44, 4459-4462.	0.7	38
53	Pyridazine derivatives. Part 33: Sonogashira approaches in the synthesis of 5-substituted-6-phenyl-3(2H)-pyridazinones. <i>Tetrahedron</i> , 2003, 59, 2477-2484.	1.0	56
54	Synthesis of 1-Substituted-6-methyluracils. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 1025-1028.	0.6	9

#	ARTICLE	IF	CITATIONS
55	Pyridazine Derivatives. 32: Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. Chemical and Pharmaceutical Bulletin, 2003, 51, 427-430.	0.6	29
56	Pyridazines. Part 25: Efficient and selective deprotection of pharmacologically useful 2-MOM-pyridazinones using Lewis acids. Tetrahedron Letters, 2001, 42, 8633-8636.	0.7	21
57	Pyridazines Part XXIII: Efficient Arylation at Position 5 of the 6-Phenyl-(2H)-pyridazin-3-one System Using a Suzuki Cross-Coupling Reaction. Synthesis, 2001, 2001, 0871-0876.	1.2	22