

# Alberto Coelho

## List of Publications by Year in descending order

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57  
papers

1,269  
citations

361413

20  
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361022

35  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing of a heterogeneous copper-based catalyst. <i>Journal of Catalysis</i> , 2016, 334, 110-115.	6.2	167
2	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. <i>ACS Catalysis</i> , 2018, 8, 392-404.	11.2	88
3	An efficient and recyclable 3D printed $\text{In-Al}_2\text{O}_3$ catalyst for the multicomponent assembly of bioactive heterocycles. <i>Applied Catalysis A: General</i> , 2017, 530, 203-210.	4.3	82
4	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.	4.3	70
5	Discovery of 3,4-Dihydropyrimidin-2(1 <i>H</i> )-ones As a Novel Class of Potent and Selective Adenosine Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 1031-1036.	2.8	65
6	Auto-Tandem Catalysis: Synthesis of Substituted Indolo[3,2- <i>c</i> ]quinolines via Palladium-Catalyzed Intermolecular $\text{C}\ddot{\text{N}}$ and Intramolecular $\text{C}\ddot{\text{C}}$ Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 465-470.	4.3	59
7	Pyridazine derivatives. Part 33: Sonogashira approaches in the synthesis of 5-substituted-6-phenyl-3(2 <i>H</i> )-pyridazinones. <i>Tetrahedron</i> , 2003, 59, 2477-2484.	1.9	56
8	Pyrimidine Derivatives as Potent and Selective Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 457-471.	6.4	56
9	Pyridazines. Part 36: Synthesis and antiplatelet activity of 5-substituted-6-phenyl-3(2 <i>H</i> )-pyridazinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 321-324.	2.2	48
10	Pyridazines. Part 34: Retro-ene-assisted palladium-catalyzed synthesis of 4,5-disubstituted-3(2 <i>H</i> )-pyridazinones. <i>Tetrahedron Letters</i> , 2003, 44, 4459-4462.	1.4	38
11	Multicatalysis Combining 3D-Printed Devices and Magnetic Nanoparticles in One-Pot Reactions: Steps Forward in Compartmentation and Recyclability of Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25283-25294.	8.0	30
12	Catalytic biohydrogen production from organic waste materials: A literature review and bibliometric analysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 30903-30925.	7.1	30
13	Pyridazine Derivatives. 32: Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2 <i>H</i> )-pyridazinones.. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 427-430.	1.3	29
14	Pyridazine derivatives. Part 39: Reactivity of 5-iodopyridazin-3(2 <i>H</i> )-ones in palladium-catalysed reactions. <i>Tetrahedron</i> , 2004, 60, 12177-12189.	1.9	25
15	Multicomponent Assembly of Diverse Pyrazin-2(1 <i>H</i> )-one Chemotypes. <i>Journal of Organic Chemistry</i> , 2013, 78, 4402-4409.	3.2	24
16	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.	6.4	23
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.	3.2	23
18	Pyridazines Part XXIII: Efficient Arylation at Position 5 of the 6-Phenyl-(2 <i>H</i> )-pyridazin-3-one System Using a Suzuki Cross-Coupling Reaction. <i>Synthesis</i> , 2001, 2001, 0871-0876.	2.3	22

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19	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(2H)-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1080-1083.	2.2	22
20	Pyridazines. Part 25: Efficient and selective deprotection of pharmacologically useful 2-MOM-pyridazinones using Lewis acids. <i>Tetrahedron Letters</i> , 2001, 42, 8633-8636.	1.4	21
21	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
22	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.	4.3	21
23	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.	3.7	21
24	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.	1.4	19
25	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
26	Three-Component Assembly of Structurally Diverse 2-Aminopyrimidine-5-carbonitriles. <i>ACS Combinatorial Science</i> , 2013, 15, 370-378.	3.8	17
27	Production of hydrogen and valuable fuels from polyethylene terephthalate waste dissolved in phenol reforming and cracking reactions via Ni-Co/CeO <sub>2</sub> nano-catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 154, 105018.	5.5	15
28	Synthesis and binding affinity of novel 3-aminoethyl-1-tetralones, potential atypical antipsychotics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3063-3066.	2.2	13
29	Divergent Solution-Phase Synthesis of Diarylpyrimidine Libraries as Selective A <sub>3</sub> Adenosine Receptor Antagonists. <i>ACS Combinatorial Science</i> , 2009, 11, 519-522.	3.3	13
30	Selective and potent adenosine A <sub>3</sub> 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.	5.5	13
31	2-Substituted 4-, 5-, and 6-[(1E)-3-oxo-3-phenylprop-1-en-1-yl]pyridazin-3(2H)-ones and 2-substituted 4,5-bis[(1E)-3-oxo-3-phenylprop-1-en-1-yl]pyridazin-3(2H)-ones as potent platelet aggregation inhibitors: Design, synthesis, and SAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 793-797.	2.2	12
32	Multicomponent Reactions in Antimitotic Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2209-2230.	2.1	12
33	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
34	Pyridazine derivatives. Part 40: Reactivity of 5-alkynylpyridazin-3(2H)-ones toward hydrochloric acid. <i>Tetrahedron</i> , 2005, 61, 4785-4791.	1.9	10
35	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
36	Synthesis of 1-Substituted-6-methyluracils. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 1025-1028.	1.3	9

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37	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.	1.1	9
38	Convergent assembly of structurally diverse quinazolines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 351-357.	2.8	8
39	Pyrazin-2(1 <i>H</i> )-ones as a novel class of selective A3 adenosine receptor antagonists. <i>Future Medicinal Chemistry</i> , 2015, 7, 1373-1380.	2.3	8
40	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
41	Structure-Based Design of New KSP-EG5 Inhibitors Assisted by a Targeted Multicomponent Reaction. <i>ChemBioChem</i> , 2014, 15, 1471-1480.	2.6	5
42	Multicomponent Assembly of the Kinesin Spindle Protein Inhibitor CPLYJ039 and Analogues as Antimitotic Agents. <i>ACS Combinatorial Science</i> , 2017, 19, 153-160.	3.8	5
43	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.	1.1	4
44	3-Oxopyridazin-5-yl-Chalcone Hybrids: Potent Antiplatelet Agents That Prevent Glycoprotein IIb/IIIa Activation. <i>ChemistrySelect</i> , 2017, 2, 4920-4933.	1.5	4
45	Efficient Consecutive Alkylation-Knoevenagel Functionalisations in Formyl Aza-Heterocycles Using Supported Organic Bases. <i>Synlett</i> , 2006, 2006, 3324-3328.	1.8	3
46	Synthetic Applications of Polystyrene-Supported 1,1,3,3-Tetramethylguanidine. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2008, 11, 843-847.	1.1	3
47	Straightforward Three-Component Palladium-Catalysed Synthesis of Pyridazin-3(2H)-one Libraries. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2006, 9, 15-19.	1.1	2
48	Pyridazine Derivatives. Part 33. Sonogashira Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
49	Pyridazine Derivatives. Part 32. Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
50	Pyridazines. Part 34. Retro-ene-Assisted Palladium-Catalyzed Synthesis of 4,5-Disubstituted-3(2H)-pyridazinones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
51	Synthesis of 1-Substituted-6-methyluracils.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
52	Pyridazines. Part 36. Synthesis and Antiplatelet Activity of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
53	Pyridazine Derivatives. Part 38. Efficient Heck Alkenylation at Position 5 of the 6-Phenyl-3(2H)-pyridazinone System.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
54	Pyridazine Derivatives. Part 39. Reactivity of 5-Iodopyridazin-3(2H)-ones in Palladium-Catalyzed Reactions.. <i>ChemInform</i> , 2005, 36, no.	0.0	0

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55	Pyridazine Derivatives. Part 40. Reactivity of 5-Alkynylpyridazin-3(2H)-ones Toward Hydrochloric Acid.. ChemInform, 2005, 36, no.	0.0	0
56	Synthesis and Binding Affinity of Novel 3-Aminoethyl-1-tetralones, Potential Atypical Antipsychotics.. ChemInform, 2005, 36, no.	0.0	0
57	Editorial (Thematic Issue: Structure-Based Drug Design and Combinatorial Chemistry in the Search of) Tj ETQq1 1 0,784314 rgBT /Ove	2.1	8