Alberto Coelho

List of Publications by Year
in descending order

57	1,269	361045	360668
papers	citations	20 h-index	35 g-index

63	63	63	1587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D printing of a heterogeneous copper-based catalyst. Journal of Catalysis, 2016, 334, 110-115.	3.1	167
2	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. ACS Catalysis, 2018, 8, 392-404.	5.5	88
3	An efficient and recyclable 3D printed Î±-Al 2 O 3 catalyst for the multicomponent assembly of bioactive heterocycles. Applied Catalysis A: General, 2017, 530, 203-210.	2.2	82
4	Polymerâ€Supported 1,5,7â€Triazabicyclo[4.4.0]decâ€5â€ene as Polyvalent Ligands in the Copperâ€Catalyzed Huisgen 1,3â€Dipolar Cycloaddition. Advanced Synthesis and Catalysis, 2010, 352, 1179-1192.	2.1	70
5	Discovery of 3,4-Dihydropyrimidin-2(1H)-ones As a Novel Class of Potent and Selective A_{2B} Adenosine Receptor Antagonists. ACS Medicinal Chemistry Letters, 2013, 4, 1031-1036.	1.3	65
6	Autoâ€Tandem Catalysis: Synthesis of Substituted 11Hâ€Indolo[3,2â€c]quinolines via Palladiumâ€Catalyzed Intermolecular Cï¿½N and Intramolecular Cï¿½C Bond Formation. Advanced Synthesis and Catalysis, 2008, 350, 465-470.	2.1	59
7	Pyridazine derivatives. Part 33: Sonogashira approaches in the synthesis of 5-substituted-6-phenyl-3(2H)-pyridazinones. Tetrahedron, 2003, 59, 2477-2484.	1.0	56
8	Pyrimidine Derivatives as Potent and Selective A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2011, 54, 457-471.	2.9	56
9	Pyridazines. Part 36: Synthesis and antiplatelet activity of 5-substituted-6-phenyl-3(2H)-pyridazinones. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 321-324.	1.0	48
10	Pyridazines. Part 34: Retro-ene-assisted palladium-catalyzed synthesis of 4,5-disubstituted-3(2H)-pyridazinones. Tetrahedron Letters, 2003, 44, 4459-4462.	0.7	38
11	Multicatalysis Combining 3D-Printed Devices and Magnetic Nanoparticles in One-Pot Reactions: Steps Forward in Compartmentation and Recyclability of Catalysts. ACS Applied Materials & Interfaces, 2019, 11, 25283-25294.	4.0	30
12	Catalytic biohydrogen production from organic waste materials: A literature review and bibliometric analysis. International Journal of Hydrogen Energy, 2021, 46, 30903-30925.	3.8	30
13	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
14	Pyridazine derivatives. Part 39: Reactivity of 5-iodopyridazin-3(2H)-ones in palladium-catalysed reactions. Tetrahedron, 2004, 60, 12177-12189.	1.0	25
15	Multicomponent Assembly of Diverse Pyrazin-2(1H)-one Chemotypes. Journal of Organic Chemistry, 2013, 78, 4402-4409.	1.7	24
16	Design, Synthesis, and Structureâ€“Activity Relationships of a Novel Series of 5-Alkylidenepyridazin-3(2H)-ones with a Non-cAMP-Based Antiplatelet Activity. Journal of Medicinal Chemistry, 2007, 50, 6476-6484.	2.9	23
17	Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition under Oxidative Conditions: Polymer-Assisted Assembly of 4-Acyl-1-Substituted-1,2,3-Triazoles. Journal of Organic Chemistry, 2013, 78, 6540-6549.	1.7	23
18	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

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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. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1080-1083.	1.0	22
20	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
21	Supportedp-Toluenesulfonic Acid as a Highly Robust and Eco-Friendly Isocyanide Scavenger. ACS Combinatorial Science, 2011, 13, 89-95.	3.8	21
22	Solâ€“gel entrapped Cu in a silica matrix: An efficient heterogeneous nanocatalyst for Huisgen and Ullmann intramolecular coupling reactions. Applied Catalysis A: General, 2015, 502, 86-95.	2.2	21
23	Integrating Reactors and Catalysts through Threeâ€Dimensional Printing: Efficiency and Reusability of an Impregnated Palladium on Silica Monolith in Sonogashira and Suzuki Reactions. ChemCatChem, 2020, 12, 1762-1771.	1.8	21
24	Pyridazine derivatives. Part 38: Efficient Heck alkenylation at position 5 of the 6-phenyl-3(2H)-pyridazinone system. Tetrahedron Letters, 2004, 45, 3459-3463.	0.7	19
25	Click Chemistry Approach to Assembly Proline Mimetic Libraries Containing 1,4-Substituted 1,2,3-Triazoles. ACS Combinatorial Science, 2008, 10, 372-375.	3.3	17
26	Three-Component Assembly of Structurally Diverse 2-Aminopyrimidine-5-carbonitriles. ACS Combinatorial Science, 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/CeO2 nano-catalyst. Journal of Analytical and Applied Pyrolysis, 2021, 154, 105018.	2.6	15
28	Synthesis and binding affinity of novel 3-aminoethyl-1-tetralones, potential atypical antipsychotics. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3063-3066.	1.0	13
29	Divergent Solution-Phase Synthesis of Diarylpyrimidine Libraries as Selective A3 Adenosine Receptor Antagonists. ACS Combinatorial Science, 2009, 11, 519-522.	3.3	13
30	Selective and potent adenosine A3 receptor antagonists by methoxyaryl substitution on the N-(2,6-diarylpyrimidin-4-yl)acetamide scaffold. European Journal of Medicinal Chemistry, 2013, 59, 235-242.	2.6	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. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 793-797.	1.0	12
32	Multicomponent Reactions in Antimitotic Drug Discovery. Current Topics in Medicinal Chemistry, 2014, 14, 2209-2230.	1.0	12
33	Silica-Supported Aluminum Chloride-Assisted Solution Phase Synthesis of Pyridazinone-Based Antiplatelet Agents. ACS Combinatorial Science, 2011, 13, 7-12.	3.8	11
34	Pyridazine derivatives. Part 40: Reactivity of 5-alkynylpyridazin-3(2H)-ones toward hydrochloric acid. Tetrahedron, 2005, 61, 4785-4791.	1.0	10
35	Expanding the Chemical Diversity of Azinone Libraries by A Consecutive Alkylation/Palladium-Catalyzed Functionalization Strategy. ACS Combinatorial Science, 2005, 7, 526-529.	3.3	10
36	Synthesis of 1-Substituted-6-methyluracils. Chemical and Pharmaceutical Bulletin, 2003, 51, 1025-1028.	0.6	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. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 551-554.	0.6	9
38	Convergent assembly of structurally diverse quinazolines. Organic and Biomolecular Chemistry, 2011, 9, 351-357.	1.5	8
39	Pyrazin-2(1H)-ones as a novel class of selective A3 adenosine receptor antagonists. Future Medicinal Chemistry, 2015, 7, 1373-1380.	1.1	8
40	Straightforward Entry to Libraries of Diversely Substituted Azinones by a Consecutive Aza-Michael/Palladium-Catalyzed Functionalization Strategy. ACS Combinatorial Science, 2006, 8, 388-400.	3.3	6
41	Structureâ€Based Design of New KSPâ€Eg5 Inhibitors Assisted by a Targeted Multicomponent Reaction. ChemBioChem, 2014, 15, 1471-1480.	1.3	5
42	Multicomponent Assembly of the Kinesin Spindle Protein Inhibitor CPUYJ039 and Analogues as Antimitotic Agents. ACS Combinatorial Science, 2017, 19, 153-160.	3.8	5
43	Supported TBD-Assisted Solution Phase Diversification of Formyl-Aza-Heterocycles Through Alkylation-Knoevenagel One Pot Sequences. Combinatorial Chemistry and High Throughput Screening, 2011, 14, 570-582.	0.6	4
44	3-Oxopyridazin-5-yl-Chalcone Hybrids: Potent Antiplatelet Agents That Prevent Glycoprotein IIb/IIIa Activation. ChemistrySelect, 2017, 2, 4920-4933.	0.7	4
45	Efficient Consecutive Alkylation-Knoevenagel Functionalisations in Formyl Aza-Heterocycles Using Supported Organic Bases. Synlett, 2006, 2006, 3324-3328.	1.0	3
46	Synthetic Applications of Polystyrene-Supported 1,1,3,3-Tetramethylguanidine. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 843-847.	0.6	3
47	Straightforward Three-Component Palladium-Catalysed Synthesis of Pyridazin-3(2H)-one Libraries. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 15-19.	0.6	2
48	Pyridazine Derivatives. Part 33. Sonogashira Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.1	0
49	Pyridazine Derivatives. Part 32. Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.1	0
50	Pyridazines. Part 34. Retro-ene-Assisted Palladium-Catalyzed Synthesis of 4,5-Disubstituted-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.1	0
51	Synthesis of 1-Substituted-6-methyluracils.. ChemInform, 2004, 35, no.	0.1	0
52	Pyridazines. Part 36. Synthesis and Antiplatelet Activity of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2004, 35, no.	0.1	0
53	Pyridazine Derivatives. Part 38. Efficient Heck Alkenylation at Position 5 of the 6-Phenyl-3(2H)-pyridazinone System.. ChemInform, 2004, 35, no.	0.1	0
54	Pyridazine Derivatives. Part 39. Reactivity of 5-Iodopyridazin-3(2H)-ones in Palladium-Catalyzed Reactions.. ChemInform, 2005, 36, no.	0.1	0

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55	Pyridazine Derivatives. Part 40. Reactivity of 5-Alkynylpyridazin-3(2H)-ones Toward Hydrochloric Acid.. ChemInform, 2005, 36, no.	0.1	0
56	Synthesis and Binding Affinity of Novel 3-Aminoethyl-1-tetralones, Potential Atypical Antipsychotics.. ChemInform, 2005, 36, no.	0.1	0
57	Editorial (Thematic Issue: Structure-Based Drug Design and Combinatorial Chemistry in the Search of) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	6