Alberto Coelho

List of Publications by Year in descending order

57 papers	1,269 citations	361413 20 h-index	361022 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/CeO2 nano-catalyst. Journal of Analytical and Applied Pyrolysis, 2021, 154, 105018.	5.5	15
2	Catalytic biohydrogen production from organic waste materials: A literature review and bibliometric analysis. International Journal of Hydrogen Energy, 2021, 46, 30903-30925.	7.1	30
3	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.	3.7	21
4	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.	8.0	30
5	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. ACS Catalysis, 2018, 8, 392-404.	11.2	88
6	Multicomponent Assembly of the Kinesin Spindle Protein Inhibitor CPUYJ039 and Analogues as Antimitotic Agents. ACS Combinatorial Science, 2017, 19, 153-160.	3.8	5
7	3-Oxopyridazin-5-yl-Chalcone Hybrids: Potent Antiplatelet Agents That Prevent Glycoprotein IIb/IIIa Activation. ChemistrySelect, 2017, 2, 4920-4933.	1.5	4
8	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.	4.3	82
9	3D printing of a heterogeneous copper-based catalyst. Journal of Catalysis, 2016, 334, 110-115.	6.2	167
10	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.	4.3	21
11	Pyrazin-2(1H)-ones as a novel class of selective A3 adenosine receptor antagonists. Future Medicinal Chemistry, 2015, 7, 1373-1380.	2.3	8
12	Editorial (Thematic Issue: Structure-Based Drug Design and Combinatorial Chemistry in the Search of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	0
13	Structureâ€Based Design of New KSPâ€Eg5 Inhibitors Assisted by a Targeted Multicomponent Reaction. ChemBioChem, 2014, 15, 1471-1480.	2.6	5
14	Multicomponent Reactions in Antimitotic Drug Discovery. Current Topics in Medicinal Chemistry, 2014, 14, 2209-2230.	2.1	12
15	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.	2.8	65
16	Multicomponent Assembly of Diverse Pyrazin-2(1H)-one Chemotypes. Journal of Organic Chemistry, 2013, 78, 4402-4409.	3.2	24
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.	3.2	23
18	Three-Component Assembly of Structurally Diverse 2-Aminopyrimidine-5-carbonitriles. ACS Combinatorial Science, 2013, 15, 370-378.	3.8	17

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19	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.	5.5	13
20	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.	1.1	9
21	Silica-Supported Aluminum Chloride-Assisted Solution Phase Synthesis of Pyridazinone-Based Antiplatelet Agents. ACS Combinatorial Science, 2011, 13, 7-12.	3.8	11
22	Pyrimidine Derivatives as Potent and Selective A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2011, 54, 457-471.	6.4	56
23	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.	1.1	4
24	Convergent assembly of structurally diverse quinazolines. Organic and Biomolecular Chemistry, 2011, 9, 351-357.	2.8	8
25	Supportedp-Toluenesulfonic Acid as a Highly Robust and Eco-Friendly Isocyanide Scavenger. ACS Combinatorial Science, 2011, 13, 89-95.	3.8	21
26	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.	4.3	70
27	Divergent Solution-Phase Synthesis of Diarylpyrimidine Libraries as Selective A3 Adenosine Receptor Antagonists. ACS Combinatorial Science, 2009, 11, 519-522.	3.3	13
28	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.	4.3	59
29	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.	2.2	12
30	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
31	Synthetic Applications of Polystyrene-Supported 1,1,3,3-Tetramethylguanidine. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 843-847.	1.1	3
32	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.	6.4	23
33	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
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(2H)-ones. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1080-1083.	2.2	22
35	Efficient Consecutive Alkylation-Knoevenagel Functionalisations in Formyl Aza-Heterocycles Using Supported Organic Bases. Synlett, 2006, 2006, 3324-3328.	1.8	3
36	Straightforward Three-Component Palladium-Catalysed Synthesis of Pyridazin-3(2H)-one Libraries. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 15-19.	1.1	2

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37	Pyridazine derivatives. Part 40: Reactivity of 5-alkynylpyridazin-3(2H)-ones toward hydrochloric acid. Tetrahedron, 2005, 61, 4785-4791.	1.9	10
38	Pyridazine Derivatives. Part 39. Reactivity of 5-Iodopyridazin-3(2H)-ones in Palladium-Catalyzed Reactions.. ChemInform, 2005, 36, no.	0.0	0
39	Pyridazine Derivatives. Part 40. Reactivity of 5-Alkynylpyridazin-3(2H)-ones Toward Hydrochloric Acid.. ChemInform, 2005, 36, no.	0.0	0
40	Synthesis and Binding Affinity of Novel 3-Aminoethyl-1-tetralones, Potential Atypical Antipsychotics.. ChemInform, 2005, 36, no.	0.0	0
41	Synthesis and binding affinity of novel 3-aminoethyl-1-tetralones, potential atypical antipsychotics. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3063-3066.	2.2	13
42	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
43	Pyridazine derivatives. Part 39: Reactivity of 5-iodopyridazin-3(2H)-ones in palladium-catalysed reactions. Tetrahedron, 2004, 60, 12177-12189.	1.9	25
44	Synthesis of 1-Substituted-6-methyluracils.. ChemInform, 2004, 35, no.	0.0	0
45	Pyridazines. Part 36. Synthesis and Antiplatelet Activity of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2004, 35, no.	0.0	0
46	Pyridazine Derivatives. Part 38. Efficient Heck Alkenylation at Position 5 of the 6-Phenyl-3(2H)-pyridazinone System.. ChemInform, 2004, 35, no.	0.0	0
47	Pyridazine derivatives. Part 38: Efficient Heck alkenylation at position 5 of the 6-phenyl-3(2H)-pyridazinone system. Tetrahedron Letters, 2004, 45, 3459-3463.	1.4	19
48	Pyridazines. Part 36: Synthesis and antiplatelet activity of 5-substituted-6-phenyl-3(2H)-pyridazinones. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 321-324.	2.2	48
49	Pyridazine Derivatives. Part 33. Sonogashira Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.0	0
50	Pyridazine Derivatives. Part 32. Stille-Based Approaches in the Synthesis of 5-Substituted-6-phenyl-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.0	0
51	Pyridazines. Part 34. Retro-ene-Assisted Palladium-Catalyzed Synthesis of 4,5-Disubstituted-3(2H)-pyridazinones.. ChemInform, 2003, 34, no.	0.0	0
52	Pyridazines. Part 34: Retro-ene-assisted palladium-catalyzed synthesis of 4,5-disubstituted-3(2H)-pyridazinones. Tetrahedron Letters, 2003, 44, 4459-4462.	1.4	38
53	Pyridazine derivatives. Part 33: Sonogashira approaches in the synthesis of 5-substituted-6-phenyl-3(2H)-pyridazinones. Tetrahedron, 2003, 59, 2477-2484.	1.9	56
54	Synthesis of 1-Substituted-6-methyluracils. Chemical and Pharmaceutical Bulletin, 2003, 51, 1025-1028.	1.3	9

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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.	1.3	29
56	Pyridazines. Part 25: Efficient and selective deprotection of pharmacologically useful 2-MOM-pyridazinones using Lewis acids. Tetrahedron Letters, 2001, 42, 8633-8636.	1.4	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.	2.3	22