Mouad Alami

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9384324/publications.pdf

Version: 2024-02-01

108	4,167	76294	133188
papers	citations	40	59
		h-index	g-index

108	108	108	3441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isocombretastatins A versus Combretastatins A: The Forgotten isoCA-4 Isomer as a Highly Promising Cytotoxic and Antitubulin Agent. Journal of Medicinal Chemistry, 2009, 52, 4538-4542.	2.9	231
2	New Novobiocin Analogues as Antiproliferative Agents in Breast Cancer Cells and Potential Inhibitors of Heat Shock Protein 90. Journal of Medicinal Chemistry, 2007, 50, 6189-6200.	2.9	136
3	2-Aminobiphenyl Palladacycles: The â€œMost Powerfulâ€•Precatalysts in Câ€“C and Câ€“Heteroatom Cross-Couplings. ACS Catalysis, 2015, 5, 1386-1396.	5.5	136
4	Discovery of Isoerianin Analogues as Promising Anticancer Agents. ChemMedChem, 2011, 6, 488-497.	1.6	128
5	Pd-Catalyzed Reaction of Sterically Hindered Hydrazones with Aryl Halides: Synthesis of Tetra-Substituted Olefins Related to iso-Combretastatin A4. Organic Letters, 2010, 12, 4042-4045.	2.4	111
6	Synthesis and antitumor activity of benzils related to combretastatin A-4. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3266-3271.	1.0	96
7	DMSOâ€“PdI2 as a powerful oxidizing couple of alkynes into benzils: one-pot synthesis of nitrogen-containing five- or six-membered heterocycles. Tetrahedron, 2008, 64, 4287-4294.	1.0	92
8	Synthesis, Biological Evaluation of 1,1â€Diarylethylenes as a Novel Class of Antimitotic Agents. ChemMedChem, 2009, 4, 1912-1924.	1.6	82
9	Copper-catalyzed reductive coupling of tosylhydrazones with amines: A convenient route to Î±-branched amines. Organic and Biomolecular Chemistry, 2011, 9, 6200.	1.5	82
10	Synthesis and biological activity of simplified denoviose-coumarins related to novobiocin as potent inhibitors of heat-shock protein 90 (hsp90). Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2495-2498.	1.0	80
11	p-Toluenesulfonic acid-promoted selective functionalization of unsymmetrical arylalkynes: a regioselective access to various arylketones and heterocycles. Tetrahedron, 2010, 66, 3775-3787.	1.0	76
12	Platinum Oxide Catalyzed Hydrosilylation of Unsymmetrical Internal Aryl Alkynes under Ortho-Substituent Regiocontrol. Organic Letters, 2005, 7, 5625-5628.	2.4	73
13	One-pot hydrosilylationâ€“protodesilylation of functionalized diarylalkynes: a highly selective access to Z-stilbenes. Application to the synthesis of combretastatin A-4. Tetrahedron Letters, 2008, 49, 1107-1110.	0.7	67
14	Therapeutic Modalities of Squalenoyl Nanocomposites in Colon Cancer: An Ongoing Search for Improved Efficacy. ACS Nano, 2014, 8, 2018-2032.	7.3	67
15	Stereoretentive Palladiumâ€Catalyzed Arylation, Alkenylation, and Alkynylation of 1â€Thiosugars and Thiols Using Aminobiphenyl Palladacycle Precatalyst at Room Temperature. Chemistry - A European Journal, 2015, 21, 8375-8379.	1.7	66
16	Microwave-assisted efficient synthesis of 1,2-diaryldiketones: a novel oxidation reaction of diarylalkynes with DMSO promoted by FeBr3. Tetrahedron, 2006, 62, 7667-7673.	1.0	65
17	Design, synthesis and anticancer properties of IsoCombretaQuinolines as potent tubulin assembly inhibitors. European Journal of Medicinal Chemistry, 2017, 127, 1025-1034.	2.6	65
18	Conformationnally restricted naphthalene derivatives type isocombretastatin A-4 and isoerianin analogues: Synthesis, cytotoxicity and antitubulin activity. European Journal of Medicinal Chemistry, 2012, 52, 22-32.	2.6	64

#	Article	IF	Citations
19	A convenient and expeditious synthesis of 3-(N-substituted) aminocoumarins via palladium-catalyzed Buchwaldâ€“Hartwig coupling reaction. Tetrahedron Letters, 2007, 48, 6928-6932.	0.7	63
20	Nickelâ€Catalyzed Arylation, Alkenylation, and Alkynylation of Unprotected Thioglycosides at Room Temperature. Chemistry - A European Journal, 2013, 19, 15276-15280.	1.7	60
21	Stereoselective Palladiumâ€Catalyzed Alkenylation and Alkynylation of Thioglycosides. Advanced Synthesis and Catalysis, 2013, 355, 2627-2636.	2.1	59
22	Antiproliferative and apoptotic activities of tosylcyclonovobiocic acids as potent heat shock protein 90 inhibitors in human cancer cells. Cancer Letters, 2009, 274, 88-94.	3.2	57
23	OrthoSubstituents Direct Regioselective Addition of Tributyltin Hydride to Unsymmetrical Diaryl (or Heteroaryl) Alkynes: An Efficient Route to Stannylated Stilbene Derivatives. Angewandte Chemie - International Edition, 2002, 41, 1578-1580.	7.2	56
24	Rapid access to 3-(N-substituted)-aminoquinolin-2(1H)-ones using palladium-catalyzed Câ€“N bond coupling reaction. Tetrahedron, 2007, 63, 10202-10210.	1.0	55
25	Synthesis, biological evaluation, and structureâ€“activity relationships of tri- and tetrasubstituted olefins related to isocombretastatin A-4 as new tubulin inhibitors. Organic and Biomolecular Chemistry, 2013, 11, 430-442.	1.5	55
26	Design and Synthesis of Tubulin and Histone Deacetylase Inhibitor Based on iso-Combretastatin A-4. Journal of Medicinal Chemistry, 2018, 61, 6574-6591.	2.9	55
27	Palladium-Catalyzed Markovnikov Terminal Arylalkynes Hydrostannation: Application to the Synthesis of 1,1-Diarylethylenes. Journal of Organic Chemistry, 2009, 74, 1337-1340.	1.7	54
28	IsoCombretaQuinazolines: Potent Cytotoxic Agents with Antitubulin Activity. ChemMedChem, 2015, 10, 1392-1402.	1.6	52
29	Palladiumâ€Catalyzed Chemoselective and Biocompatible Functionalization of Cysteineâ€Containing Molecules at Room Temperature. Chemistry - A European Journal, 2016, 22, 11365-11370.	1.7	51
30	Synthesis of substituted quinolines by iron-catalyzed coupling reactions between chloroenynes and Grignard reagents. Tetrahedron Letters, 2004, 45, 1881-1884.	0.7	47
31	Synthetic approach to enyne and enediyne analogues of anticancer agents. Tetrahedron Letters, 2005, 46, 8547-8550.	0.7	47
32	Rapid microwave assisted hydration of internal arylalkynes in the presence of PTSA: an efficient regioselective access to carbonyl compounds. Tetrahedron Letters, 2006, 47, 5497-5501.	0.7	46
33	Copper Acetoacetonate [Cu(acac)₂]/BINAPâ€Promoted Csp³ï£¿N Bond Formation via Reductive Coupling of Nâ€Tosylhydrazones with Anilines. Advanced Synthesis and Catalysis, 2013, 355, 2417-2429.	2.1	45
34	Tandem One-Pot Palladium-Catalyzed Coupling of Hydrazones, Haloindoles, and Amines: Synthesis of Amino-N-vinylindoles and Their Effect on Human Colon Carcinoma Cells. Journal of Organic Chemistry, 2014, 79, 7583-7592.	1.7	45
35	Stereoretentive Copperâ€Catalyzed Directed Thioglycosylation of C(sp²)â^'H Bonds of Benzamides. Chemistry - A European Journal, 2016, 22, 15006-15010.	1.7	45
36	Efficient Buchwaldâ€“Hartwigâ€“Migita Crossâ€Coupling for DNA Thioglycoconjugation. Chemistry - A European Journal, 2018, 24, 1795-1800.	1.7	45

#	Article	IF	Citations
37	Bâ€Ringâ€Modified isoCombretastatin Aâ€4 Analogues Endowed with Interesting Anticancer Activities. ChemMedChem, 2011, 6, 2179-2191.	1.6	44
38	Catalytic Three-Component One-Pot Reaction of Hydrazones, Dihaloarenes, and Amines. Organic Letters, 2013, 15, 148-151.	2.4	44
39	Synthesis of (1 â†' 2)-S-Linked Saccharides and S-Linked Glycoconjugates via a Palladium-G3-XantPhos Precatalyst Catalysis. Journal of Organic Chemistry, 2017, 82, 6720-6728.	1.7	43
40	Palladium(II)-Catalyzed Diastereoselective 2,3-Trans C(sp³)â€“H Arylation of Glycosides. ACS Catalysis, 2018, 8, 7781-7786.	5.5	43
41	1,1-Diheterocyclic Ethylenes Derived from Quinaldine and Carbazole as New Tubulin-Polymerization Inhibitors: Synthesis, Metabolism, and Biological Evaluation. Journal of Medicinal Chemistry, 2019, 62, 1902-1916.	2.9	43
42	Diastereoselective Pd-Catalyzed Anomeric C(sp³)â€“H Activation: Synthesis of Î±-(Hetero)aryl C-Glycosides. ACS Catalysis, 2021, 11, 1818-1826.	5.5	43
43	Stereoselective copper-catalyzed Chanâ€“Lamâ€“Evans N-arylation of glucosamines with arylboronic acids at room temperature. Chemical Communications, 2013, 49, 8359.	2.2	42
44	Discovery and Biological Activity of 6BrCaQ as an Inhibitor of the Hsp90 Protein Folding Machinery. ChemMedChem, 2011, 6, 804-815.	1.6	40
45	Synthesis of 1,1-Diarylethylenes via Efficient Iron/Copper Co-Catalyzed Coupling of 1-Arylvinyl Halides with Grignard Reagents. Organic Letters, 2012, 14, 2782-2785.	2.4	39
46	Design, synthesis and anticancer properties of 5-arylbenzoxepins as conformationally restricted iso combretastatin A-4 analogs. European Journal of Medicinal Chemistry, 2013, 62, 28-39.	2.6	39
47	Discovery of azaisoerianin derivatives as potential antitumors agents. European Journal of Medicinal Chemistry, 2014, 78, 178-189.	2.6	38
48	Copper-Catalyzed Coupling of N-Tosylhydrazones with Amines: Synthesis of Fluorene Derivatives. ACS Catalysis, 2014, 4, 4498-4503.	5.5	37
49	Xphos ligand and platinum catalysts: A versatile catalyst for the synthesis of functionalized Î²-(E)-vinylsilanes from terminal alkynes. Journal of Organometallic Chemistry, 2008, 693, 2789-2797.	0.8	36
50	Palladium-catalyzed coupling of N-tosylhydrazones with ortho substituted aryl halides: synthesis of 4-arylchromenes and related heterocycles. Tetrahedron Letters, 2011, 52, 1036-1040.	0.7	36
51	Disproportionation reaction of diarylmethylisopropyl ethers: a versatile access to diarylmethanes from diarylcarbinols speeded up by the use of microwave irradiation. Tetrahedron, 2006, 62, 11994-12002.	1.0	34
52	Heat-shock protein 90 inhibitors as antitumor agents: a survey of the literature from 2005 to 2010. Expert Opinion on Therapeutic Patents, 2011, 21, 1501-1542.	2.4	34
53	Synthesis of aryl-thioglycopeptides through chemoselective Pd-mediated conjugation. Chemical Science, 2018, 9, 8753-8759.	3.7	34
54	Palladiumâ€Catalyzed Coupling of 3â€Haloâ€Substituted Coumarins, Chromenes, and Quinolones with Various Nitrogenâ€Containing Nucleophiles. European Journal of Organic Chemistry, 2011, 2011, 5077-5088.	1.2	33

#	Article	IF	Citations
55	Developments of isoCombretastatin A-4 derivatives as highly cytotoxic agents. European Journal of Medicinal Chemistry, 2020, 190, 112110.	2.6	33
56	Tosylcyclonovobiocic acids promote cleavage of the hsp90-associated cochaperone p23. Biochemical and Biophysical Research Communications, 2009, 379, 514-518.	1.0	32
57	Ni/Photoredox-Dual-Catalyzed Functionalization of 1-Thiosugars. Organic Letters, 2019, 21, 5132-5137.	2.4	32
58	Rapid synthesis of 4-arylchromenes from ortho-substituted alkynols: A versatile access to restricted isocombretastatin A-4 analogues as antitumor agents. European Journal of Medicinal Chemistry, 2015, 90, 834-844.	2.6	31
59	Recent Advances in Transitionâ€Metalâ€Catalyzed Functionalization of 1â€Thiosugars. Asian Journal of Organic Chemistry, 2018, 7, 2026-2038.	1.3	31
60	An efficient coupling of N-tosylhydrazones with 2-halopyridines: synthesis of 2-Î±-styrylpyridines endowed with antitumor activity. Organic and Biomolecular Chemistry, 2013, 11, 3664.	1.5	30
61	Palladium-Catalyzed One-Pot Reaction of Hydrazones, Dihaloarenes, and Organoboron Reagents: Synthesis and Cytotoxic Activity of 1,1-Diarylethylene Derivatives. Journal of Organic Chemistry, 2015, 80, 6715-6727.	1.7	28
62	Recent advances in the synthesis of pyrido[1,2-a]indoles. Organic and Biomolecular Chemistry, 2021, 19, 3509-3526.	1.5	27
63	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 498-507.	2.6	26
64	Electrochemical nickel-catalyzed Migita cross-coupling of 1-thiosugars with aryl, alkenyl and alkynyl bromides. Chemical Communications, 2020, 56, 4464-4467.	2.2	25
65	Regioselective hydrostannation of diarylalkynes directed by a labile ortho bromine atom: An easy access to stereodefined triarylolefins, hybrids of combretastatin A-4 and isocombretastatin A-4. European Journal of Medicinal Chemistry, 2010, 45, 3617-3626.	2.6	24
66	One-Pot Assembly of Unsymmetrical Biaryl Thioglycosides through Chemoselective Palladium-Catalyzed Three-Component Tandem Reaction. Organic Letters, 2018, 20, 4067-4071.	2.4	23
67	N,N-bis-heteroaryl methylamines: Potent anti-mitotic and highly cytotoxic agents. European Journal of Medicinal Chemistry, 2019, 168, 176-188.	2.6	23
68	Formulation and in vitro efficacy of liposomes containing the Hsp90 inhibitor 6BrCaQ in prostate cancer cells. International Journal of Pharmaceutics, 2016, 499, 101-109.	2.6	20
69	Palladiumâ€Catalyzed Oneâ€Pot Synthesis of 5â€(1â€Arylvinyl)â€1Hâ€benzimidazoles: Overcoming the Limitation of Acetamide Partners. Advanced Synthesis and Catalysis, 2016, 358, 1833-1847.	2.1	19
70	Intramolecular Pd-Catalyzed Arylation of 1-Amidosugars: A New Route to N-Glycosyl Quinolin-2-ones. Organic Letters, 2016, 18, 2126-2129.	2.4	19
71	Suzuki Coupling Reactions of (E)â€and (Z)â€Chloroenynes with Boronic Acids: Versatile Access to Functionalized 1,3â€Enynes. European Journal of Organic Chemistry, 2010, 2010, 725-731.	1.2	18
72	A palladium-catalyzed coupling of 3-chloroquinoxalinones with various nitrogen-containing nucleophiles. Organic and Biomolecular Chemistry, 2013, 11, 3808.	1.5	18

#	Article	IF	Citations
73	Synthesis of 2-substituted indoles through cyclization and demethylation of 2-alkynyldimethylanilines by ethanol. Green Chemistry, 2019, 21, 4204-4210.	4.6	18
74	Anticancer properties of indole derivatives as IsoCombretastatin A-4 analogues. European Journal of Medicinal Chemistry, 2021, 223, 113656.	2.6	18
75	Identification of a new series of flavopiridol-like structures as kinase inhibitors with high cytotoxic potency. European Journal of Medicinal Chemistry, 2020, 199, 112355.	2.6	17
76	Discovery and Hit to Lead Optimization of Novel Combretastatin A-4 Analogues: Dependence of C-Linker Length and Hybridization. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 1614-1635.	0.9	17
77	Cyclic bridged analogs of isoCA-4: Design, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2021, 209, 112873.	2.6	16
78	The Metabolic Fate of isoCombretastatin Aâ€4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. ChemMedChem, 2011, 6, 1781-1788.	1.6	15
79	PtO₂/PTSA system catalyzed regioselective hydration of internal arylalkynes bearing electron withdrawing groups. RSC Advances, 2018, 8, 11536-11542.	1.7	15
80	Copper-Catalyzed Anomeric O-Arylation of Carbohydrate Derivatives at Room Temperature. Journal of Organic Chemistry, 2019, 84, 9226-9238.	1.7	15
81	Room-Temperature Pd-Catalyzed Synthesis of 1-(Hetero)aryl Selenoglycosides. Organic Letters, 2020, 22, 6584-6589.	2.4	14
82	Synthesis and Biological Activities of Pyrazino[1,2-a]indole and Pyrazino[1,2-a]indol-1-one Derivatives. Pharmaceuticals, 2021, 14, 779.	1.7	14
83	Antitumor activity of nanoliposomes encapsulating the novobiocin analog 6BrCaQ in a triple-negative breast cancer model in mice. Cancer Letters, 2018, 432, 103-111.	3.2	13
84	Diversity-oriented synthesis of fused thioglycosyl benzo[e][1,4]oxathiepin-5-ones and benzo[f][1,4]thiazepin-5(2H)-ones by a sequence of palladium-catalyzed glycosyl thiol arylation and deprotectionâ€“lactonization reactions. Organic and Biomolecular Chemistry, 2015, 13, 10904-10916.	1.5	12
85	Synthesis of 2,3-Substituted Î²-N-Glycosyl Indoles through Câ€“H Activation/Annulation Process under Rh(III)-Catalysis. Organic Letters, 2020, 22, 57-61.	2.4	12
86	Design, synthesis and biological evaluation of quinoline-2-carbonitrile-based hydroxamic acids as dual tubulin polymerization and histone deacetylases inhibitors. European Journal of Medicinal Chemistry, 2022, 240, 114573.	2.6	12
87	Regiochemical Aspects of the Platinum Oxide Catalyzed Hydrosilylation of Alkynes. Synthesis, 2007, 2007, 2025-2036.	1.2	11
88	Selective Palladiumâ€Catalyzed Domino Heck/Buchwaldâ€“Hartwig Arylations of Nâ€Glycosylcinnamamides: An Efficient Route to 4â€Arylâ€Nâ€glycosylquinolinâ€2â€ones. Advanced Synthesis and Catalysis, 2017, 359, 1320-1330.	2.1	11
89	Toward a Greener Barluengaâ€“ValdÃ©s Cross-Coupling: Microwave-Promoted Câ€“C Bond Formation with a Pd/PEG/H₂O Recyclable Catalytic System. Organic Letters, 2019, 21, 8708-8712.	2.4	11
90	OrthoSubstituents Direct Regioselective Addition of Tributyltin Hydride to Unsymmetrical Diaryl (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 114, 1648-1650.	1.6	10

#	Article	IF	Citations
91	Regio- and diastereoselective Pd-catalyzed synthesis of C2-aryl glycosides. Chemical Communications, 2020, 56, 7175-7178.	2.2	10
92	A general Pd/Cu-catalyzed Câ€“H heteroarylation of 3-bromoquinolin-2(1H)-ones. Organic and Biomolecular Chemistry, 2014, 12, 8533-8541.	1.5	9
93	One-Pot Synthesis of 2-Styrylindoles from Ortho-Substituted Chloroenynes. Journal of Organic Chemistry, 2018, 83, 15323-15332.	1.7	8
94	Convergent Synthesis of N,S-bis Glycosylquinolin-2-ones via a Pd-G3-XantPhos Precatalyst Catalysis. Molecules, 2018, 23, 519.	1.7	8
95	Reversing Reactivity: Stereoselective Desulfurative 1,2-trans-O-Glycosylation of Anomeric Thiosugars with Carboxylic Acids under Copper or Cobalt Catalysis. Journal of Organic Chemistry, 2020, 85, 8893-8909.	1.7	7
96	A Convenient Metal-Free Synthesis of (E)-3-Styrylisocoumarins through Annulation of (E)-1,4-Diarylenynes. Synthesis, 2016, 48, 3382-3392.	1.2	6
97	Synthesis and functionalization of 3-bromo-2-(2-chlorovinyl)benzothiophenes as molecular tools. RSC Advances, 2017, 7, 46007-46013.	1.7	6
98	Mild Deprotection of Dithioacetals by TMSCl/NaI Association in CH 3 CN. European Journal of Organic Chemistry, 2020, 2020, 5775-5779.	1.2	6
99	Synthesis of N-Glycosyl-2-oxindoles by Pd-Catalyzed N-Arylation of 1-Amidosugars. Organic Letters, 2020, 22, 4201-4206.	2.4	6
100	Synthesis of Sâ€Trifluoromethyl Sâ€Arylsulfoximine Thioglycosides through Pdâ€Catalyzed Migita Crossâ€Coupling. European Journal of Organic Chemistry, 2020, 2020, 4972-4981.	1.2	6
101	Synthesis and Biological Activity of 3-(Heteroaryl)quinolin-2(1H)-ones Bis-Heterocycles as Potential Inhibitors of the Protein Folding Machinery Hsp90. Molecules, 2022, 27, 412.	1.7	6
102	Controllable Activation of Pdâ€G3 Palladacycle Precatalyst in the Presence of Thiosugars: Rapid Access to 1â€Aminobiphenyl Thioglycoside Atropoisomers at Room Temperature. Chemistry - an Asian Journal, 2017, 12, 3114-3118.	1.7	4
103	Unexpected Oxidative Ring Opening of Electron-Rich 3-Aminobenzofurans into Î±-Ketoimines Derivatives. Journal of Organic Chemistry, 2019, 84, 1725-1733.	1.7	4
104	Synthesis and antiproliferative activity of 6BrCaQ-TPP conjugates for targeting the mitochondrial heat shock protein TRAP1. European Journal of Medicinal Chemistry, 2022, 229, 114052.	2.6	4
105	Azoliums and Ag(I)â€Nâ€Heterocyclic Carbene Thioglycosides: Synthesis, Reactivity and Bioactivity. European Journal of Organic Chemistry, 2022, 2022, .	1.2	4
106	Copper-catalyzed sulfonylation of N-tosylhydrazones followed by a one-pot Câ€“N bond formation. Organic and Biomolecular Chemistry, 2021, 19, 5358-5367.	1.5	3
107	Synthesis and Anticancer Properties of Oxazepines Related to Azaisoerianin and IsoCoQuines. ChemMedChem, 2020, 15, 1571-1578.	1.6	2
108	Synthesis of axially chiral biaryl thioglycosides through thiosugar-directed Pd-catalyzed asymmetric Câ€“H activation. Chemical Communications, 2021, 57, 10355-10358.	2.2	2