Samir Messaoudi

List of Publications by Year
in descending order

104	3,967	94433 37	138484 58
papers	citations	h-index	g-index

118	118	118	3493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfinate derivatives: dual and versatile partners in organic synthesis. Organic and Biomolecular Chemistry, 2014, 12, 9743-9759.	2.8	232
2	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.	6.4	231
3	Transitionâ€Metalâ€Catalyzed Direct Câ€“H Alkenylation, Alkynylation, Benzylation, and Alkylation of (Hetero)arenes. European Journal of Organic Chemistry, 2010, 2010, 6495-6516.	2.4	175
4	Palladium(II)-Catalyzed Oxidative Arylation of Quinoxalin-2(1H)-ones with Arylboronic Acids. Organic Letters, 2013, 15, 5606-5609.	4.6	145
5	2-Aminobiphenyl Palladacycles: The â€œMost Powerfulâ€•Precatalysts in Câ€“C and Câ€“Heteroatom Cross-Couplings. ACS Catalysis, 2015, 5, 1386-1396.	11.2	136
6	Discovery of Isoerianin Analogues as Promising Anticancer Agents. ChemMedChem, 2011, 6, 488-497.	3.2	128
7	Recent Advances in Hsp90 Inhibitors as Antitumor Agents. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 761-782.	1.7	93
8	Synthesis, Biological Evaluation of 1,1â€Diarylethylenes as a Novel Class of Antimitotic Agents. ChemMedChem, 2009, 4, 1912-1924.	3.2	82
9	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.	2.2	80
10	Microwave-assisted Pd(OH)2-catalyzed direct Câˆ’H arylation of free-(NH2) adenines with aryl halides. Tetrahedron Letters, 2008, 49, 7279-7283.	1.4	75
11	Assisted Tandem Palladium(II)/Palladium(0)â€Catalyzed Câ€•and Nâ€Arylations of Quinoxalinâ€2(1â€‰H)â€•ones in Water. Advanced Synthesis and Catalysis, 2014, 356, 3821-3830.	4.3	72
12	Palladium-Catalyzed Decarboxylative Coupling of Quinolinone-3-Carboxylic Acids and Related Heterocyclic Carboxylic Acids with (Hetero)aryl Halides. Organic Letters, 2012, 14, 1496-1499.	4.6	70
13	An Expeditious Copperâ€Catalyzed Access to 3â€Aminoquinolinones, 3â€Aminocoumarins and Anilines using Sodium Azide. Advanced Synthesis and Catalysis, 2010, 352, 1677-1687.	4.3	69
14	A General Copper Powder-Catalyzed Ullmann-Type Reaction of 3-Halo-4(1H)-quinolones With Various Nitrogen-Containing Nucleophiles. Journal of Organic Chemistry, 2011, 76, 4995-5005.	3.2	66
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.	3.3	66
16	A convenient and expeditious synthesis of 3-(N-substituted) aminocoumarins via palladium-catalyzed Buchwaldâ€“Hartwig coupling reaction. Tetrahedron Letters, 2007, 48, 6928-6932.	1.4	63
17	Nickelâ€Catalyzed Arylation, Alkenylation, and Alkynylation of Unprotected Thioglycosides at Room Temperature. Chemistry - A European Journal, 2013, 19, 15276-15280.	3.3	60
18	Stereoselective Palladiumâ€Catalyzed Alkenylation and Alkynylation of Thioglycosides. Advanced Synthesis and Catalysis, 2013, 355, 2627-2636.	4.3	59

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19	Antiproliferative and apoptotic activities of tosylcyclonovobiocic acids as potent heat shock protein 90 inhibitors in human cancer cells. Cancer Letters, 2009, 274, 88-94.	7.2	57
20	Pd/Cuâ€Catalyzed Direct Alkenylation of Azole Heterocycles with Alkenyl Halides. European Journal of Organic Chemistry, 2010, 2010, 6097-6102.	2.4	57
21	Rapid access to 3-(N-substituted)-aminoquinolin-2(1H)-ones using palladium-catalyzed Câ€“N bond coupling reaction. Tetrahedron, 2007, 63, 10202-10210.	1.9	55
22	A site selective Câ€“H arylation of free-(NH2) adenines with aryl chlorides: Application to the synthesis of 6,8-disubstituted adenines. Organic and Biomolecular Chemistry, 2009, 7, 4271.	2.8	54
23	Synthesis of granulatimide bis-imide analogues. Tetrahedron, 2005, 61, 5599-5614.	1.9	53
24	IsoCombretaQuinazolines: Potent Cytotoxic Agents with Antitubulin Activity. ChemMedChem, 2015, 10, 1392-1402.	3.2	52
25	Emerging Organometallic Methods for the Synthesis of Câ€Branched (Hetero)aryl, Alkenyl, and Alkyl Glycosides: Câ^'H Functionalization and Dual Photoredox Approaches. Chemistry - A European Journal, 2021, 27, 491-511.	3.3	52
26	Palladiumâ€Catalyzed Chemoselective and Biocompatible Functionalization of Cysteineâ€Containing Molecules at Room Temperature. Chemistry - A European Journal, 2016, 22, 11365-11370.	3.3	51
27	Synthesis andÂantiproliferative activities ofÂdiversely substituted glycosyl-isoindigo derivatives. European Journal of Medicinal Chemistry, 2006, 41, 88-100.	5.5	49
28	Stereoretentive Copperâ€Catalyzed Directed Thioglycosylation of C(sp²)â^'H Bonds of Benzamides. Chemistry - A European Journal, 2016, 22, 15006-15010.	3.3	45
29	Efficient Buchwaldâ€“Hartwigâ€“Migita Crossâ€Coupling for DNA Thioglycoconjugation. Chemistry - A European Journal, 2018, 24, 1795-1800.	3.3	45
30	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.	3.2	43
31	Palladium(II)-Catalyzed Diastereoselective 2,3-Trans C(sp³)â€“H Arylation of Glycosides. ACS Catalysis, 2018, 8, 7781-7786.	11.2	43
32	Diastereoselective Pd-Catalyzed Anomeric C(sp³)â€“H Activation: Synthesis of Î±-(Hetero)aryl C-Glycosides. ACS Catalysis, 2021, 11, 1818-1826.	11.2	43
33	Stereoselective copper-catalyzed Chanâ€“Lamâ€“Evans N-arylation of glucosamines with arylboronic acids at room temperature. Chemical Communications, 2013, 49, 8359.	4.1	42
34	Diastereoselective Decarboxylative Alkynylation of Anomeric Carboxylic Acids Using Cu/Photoredox Dual Catalysis. ACS Catalysis, 2021, 11, 6334-6342.	11.2	41
35	Discovery and Biological Activity of 6BrCaQ as an Inhibitor of the Hsp90 Protein Folding Machinery. ChemMedChem, 2011, 6, 804-815.	3.2	40
36	Heat shock proteins and cancer: How can nanomedicine be harnessed?. Journal of Controlled Release, 2017, 248, 133-143.	9.9	39

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37	Synthesis and biological evaluation of oxindoles and benzimidazolinones derivatives. European Journal of Medicinal Chemistry, 2004, 39, 453-458.	5.5	38
38	A Simple Synthesis of Functionalized 3â€Bromocoumarins by a Oneâ€Pot Threeâ€Component Reaction. European Journal of Organic Chemistry, 2010, 2010, 1046-1051.	2.4	38
39	Discovery of azaisoerianin derivatives as potential antitumors agents. European Journal of Medicinal Chemistry, 2014, 78, 178-189.	5.5	38
40	Intramolecular Pd-Catalyzed Anomeric C(sp³)â€“H Activation of Glycosyl Carboxamides. Organic Letters, 2017, 19, 5038-5041.	4.6	36
41	Palladiumâ€Mediated Labeling of Nucleic Acids. ChemBioChem, 2017, 18, 426-431.	2.6	35
42	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.	5.0	34
43	Synthesis of aryl-thioglycopeptides through chemoselective Pd-mediated conjugation. Chemical Science, 2018, 9, 8753-8759.	7.4	34
44	Organo-catalyzed/initiated ring opening co-polymerization of cyclic anhydrides and epoxides: an emerging story. Polymer Chemistry, 2021, 12, 2932-2946.	3.9	34
45	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.	2.4	33
46	Bis-imide granulatimide analogues as potent Checkpoint 1 kinase inhibitors. European Journal of Pharmacology, 2007, 554, 106-112.	3.5	32
47	Tosylcyclonovobiocic acids promote cleavage of the hsp90-associated cochaperone p23. Biochemical and Biophysical Research Communications, 2009, 379, 514-518.	2.1	32
48	Ni/Photoredox-Dual-Catalyzed Functionalization of 1-Thiosugars. Organic Letters, 2019, 21, 5132-5137.	4.6	32
49	Recent Advances in Transitionâ€Metalâ€Catalyzed Functionalization of 1â€Thiosugars. Asian Journal of Organic Chemistry, 2018, 7, 2026-2038.	2.7	31
50	Synthesis of bridged aza-rebeccamycin analogues. Tetrahedron, 2005, 61, 7304-7316.	1.9	30
51	Synthesis of a staurosporine analogue possessing a 7-azaindole unit instead of an indole moiety. Tetrahedron Letters, 2004, 45, 4643-4647.	1.4	29
52	Synthesis and antikinetoplastid activities of 3-substituted quinolinones derivatives. European Journal of Medicinal Chemistry, 2012, 52, 44-50.	5.5	29
53	Synthesis and cytotoxicities of 7-aza rebeccamycin analogues bearing various substituents on the sugar moiety, on the imide nitrogen and on the carbazole framework. European Journal of Medicinal Chemistry, 2005, 40, 961-971.	5.5	27
54	Palladiumâ€Catalyzed Direct Benzylation of Xanthines. ChemCatChem, 2011, 3, 893-897.	3.7	26

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55	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 498-507.	5.5	26
56	Synthesis of Biheterocycles Based on Quinolinone, Chromone, and Coumarin Scaffolds by Palladium-Catalyzed Decarboxylative Couplings. Journal of Organic Chemistry, 2016, 81, 424-432.	3.2	26
57	Synthesis of 3,4â€Disubstituted Quinolinâ€2â€(1H)â€ones via Palladiumâ€Catalyzed Decarboxylative Arylation Reactions. Advanced Synthesis and Catalysis, 2013, 355, 2044-2054.	4.3	25
58	Electrochemical nickel-catalyzed Migita cross-coupling of 1-thiosugars with aryl, alkenyl and alkynyl bromides. Chemical Communications, 2020, 56, 4464-4467.	4.1	25
59	Pyrrolocarbazoles as Checkpoint 1 Kinase Inhibitors. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 577-597.	1.7	25
60	Three-component one-pot process to propargylic amines and related amide and sulfonamide compounds: application to the construction of 2-(aminomethyl)benzofurans and indoles. Tetrahedron, 2007, 63, 10671-10683.	1.9	23
61	One-Pot Assembly of Unsymmetrical Biaryl Thioglycosides through Chemoselective Palladium-Catalyzed Three-Component Tandem Reaction. Organic Letters, 2018, 20, 4067-4071.	4.6	23
62	Palladiumâ€Catalyzed Crossâ€Coupling of 1â€Aminoazoles with Aryl Chlorides: Application to the Synthesis of Unsymmetrical N,Nâ€²â€Diarylâ€1â€aminoindoles. Advanced Synthesis and Catalysis, 2012, 354, 2829-2839.	4.3	22
63	Assessing the chemical diversity of an hsp90 database. European Journal of Medicinal Chemistry, 2010, 45, 2000-2009.	5.5	21
64	Formulation and in vitro efficacy of liposomes containing the Hsp90 inhibitor 6BrCaQ in prostate cancer cells. International Journal of Pharmaceutics, 2016, 499, 101-109.	5.2	20
65	Synthesis and biological activities of 7-aza rebeccamycin analogues bearing the sugar moiety on the nitrogen of the pyridine ring. Bioorganic and Medicinal Chemistry, 2006, 14, 7551-7562.	3.0	19
66	Intramolecular Pd-Catalyzed Arylation of 1-Amidosugars: A New Route to N-Glycosyl Quinolin-2-ones. Organic Letters, 2016, 18, 2126-2129.	4.6	19
67	Palladiumâ€Catalyzed Crossâ€Coupling Reaction of Thioglycosides with (Hetero)aryl Halides. Advanced Synthesis and Catalysis, 2013, 355, 477-490.	4.3	18
68	A palladium-catalyzed coupling of 3-chloroquinoxalinones with various nitrogen-containing nucleophiles. Organic and Biomolecular Chemistry, 2013, 11, 3808.	2.8	18
69	Identification of a new series of flavopiridol-like structures as kinase inhibitors with high cytotoxic potency. European Journal of Medicinal Chemistry, 2020, 199, 112355.	5.5	17
70	Palladium-catalyzed selective N-(hetero)arylation or N,Nâ€²-di(hetero)arylation of 1-aminoindoles. Tetrahedron Letters, 2011, 52, 2687-2691.	1.4	16
71	Conversion of 3-Bromo-2H-coumarins to 3-(Benzofuran-2-yl)-2H-coumarins under Palladium Catalysis: Synthesis and Photophysical Properties Study. Organic Letters, 2017, 19, 910-913.	4.6	16
72	The Metabolic Fate of isoCombretastatin Aâ€4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. ChemMedChem, 2011, 6, 1781-1788.	3.2	15

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73	Copper-Catalyzed Anomeric O-Arylation of Carbohydrate Derivatives at Room Temperature. Journal of Organic Chemistry, 2019, 84, 9226-9238.	3.2	15
74	Cs2CO3 in pyrrolidinone promoted hydration of functionalized (hetero)aryl nitriles under metal-free conditions. Tetrahedron Letters, 2012, 53, 2860-2863.	1.4	14
75	Room-Temperature Pd-Catalyzed Synthesis of 1-(Hetero)aryl Selenoglycosides. Organic Letters, 2020, 22, 6584-6589.	4.6	14
76	Synthesis of Fused 1-Aminoindole Polycycles by a Sequence of Palladium-Catalyzed Nâ€“H and C(sp²)â€“H Arylations. Journal of Organic Chemistry, 2015, 80, 751-761.	3.2	13
77	Antitumor activity of nanoliposomes encapsulating the novobiocin analog 6BrCaQ in a triple-negative breast cancer model in mice. Cancer Letters, 2018, 432, 103-111.	7.2	13
78	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.	2.8	12
79	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.	4.6	12
80	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.	4.3	11
81	Construction of Peptide Macrocycles via Palladium-Catalyzed Multiple S-Arylation: An Effective Strategy to Expand the Structural Diversity of Cross-Linkers. Organic Letters, 2021, 23, 8001-8006.	4.6	11
82	Regio- and diastereoselective Pd-catalyzed synthesis of C2-aryl glycosides. Chemical Communications, 2020, 56, 7175-7178.	4.1	10
83	Synthesis of Isocoumarin via PTSA-Catalyzed Annulation of Diarylalkynes. Synthesis, 2008, 2008, 1607-1611.	2.3	9
84	An efficient synthesis of 3â€triazolylâ€2(1H)â€quinolones by CuTCâ€catalyzed azideâ€“alkyne cycloaddition reaction. Applied Organometallic Chemistry, 2013, 27, 155-158.	3.5	9
85	A general Pd/Cu-catalyzed Câ€“H heteroarylation of 3-bromoquinolin-2(1H)-ones. Organic and Biomolecular Chemistry, 2014, 12, 8533-8541.	2.8	9
86	Hsp90 stabilizes Cdc25A and counteracts heat shock-mediated Cdc25A degradation and cell-cycle attenuation in pancreatic carcinoma cells. Human Molecular Genetics, 2012, 21, 4615-4627.	2.9	8
87	Convergent Synthesis of N,S-bis Glycosylquinolin-2-ones via a Pd-G3-XantPhos Precatalyst Catalysis. Molecules, 2018, 23, 519.	3.8	8
88	Convergent Strategy to Dizocilpine MK-801 and Derivatives. Journal of Organic Chemistry, 2018, 83, 4264-4269.	3.2	7
89	Conformational Ensemble and Biological Role of the TCTP Intrinsically Disordered Region: Influence of Calcium and Phosphorylation. Journal of Molecular Biology, 2018, 430, 1621-1639.	4.2	7
90	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.	3.2	7

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91	Synthesis of N-Glycosyl-2-oxindoles by Pd-Catalyzed N-Arylation of 1-Amidosugars. Organic Letters, 2020, 22, 4201-4206.	4.6	6
92	Synthesis of Sâ€Trifluoromethyl Sâ€Arylsulfoximine Thioglycosides through Pdâ€Catalyzed Migita Crossâ€Coupling. European Journal of Organic Chemistry, 2020, 2020, 4972-4981.	2.4	6
93	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.	3.8	6
94	Lipoproteins LDL versus HDL as nanocarriers to target either cancer cells or macrophages. JCI Insight, 2020, 5, .	5.0	5
95	Palladiumâ€Catalyzed Coupling of Nâ€AminoÂazoles with 3â€Haloâ€Substituted ÂQuinolinâ€2(1H)â€ones, Coumarins, QuinÂoxalinâ€2(1H)â€ones, and Chromenes. European Journal of Organic Chemistry, 2015, 2015, 1771-1780.	2.4	4
96	Controllable Activation of Pdâ€C3 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.	3.3	4
97	Revisiting the Molecular Interactions between the Tumor Protein TCTP and the Drugs Sertraline/Thioridazine. ChemMedChem, 2022, 17, .	3.2	4
98	Synthesis and antiproliferative activity of 6BrCaQ-TPP conjugates for targeting the mitochondrial heat shock protein TRAP1. European Journal of Medicinal Chemistry, 2022, 229, 114052.	5.5	4
99	Azoliums and Ag(I)â€Nâ€Heterocyclic Carbene Thioglycosides: Synthesis, Reactivity and Bioactivity. European Journal of Organic Chemistry, 2022, 2022, .	2.4	4
100	Synthesis of axially chiral biaryl thioglycosides through thiosugar-directed Pd-catalyzed asymmetric Câ€“H activation. Chemical Communications, 2021, 57, 10355-10358.	4.1	2
101	Cancer drug resistance: rationale for drug delivery systems and targeted inhibition of HSP90 family proteins. , 2019, 2, 381-398.		2
102	Visible-Light-Mediated Stadlerâ€“Ziegler Arylation of Thiosugars with Anilines. ACS Organic & Inorganic Au, 0, , .	4.0	2
103	Biological Investigation of a Water-Soluble Isoginkgetin-Phosphate Analogue, Targeting the Spliceosome with In Vivo Antitumor Activity. Journal of Medicinal Chemistry, 2022, 65, 4633-4648.	6.4	2
104	Dual Photocatalysis for the Straightforward Coupling of Thiosugars and Arylsulfoximines: Towards Unprecedented Cyclic Heteroatomic Structures. European Journal of Organic Chemistry, 2022, 2022, .	2.4	2