

Samir Messaoudi

List of Publications by Year in descending order

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104
papers

3,967
citations

108046

37
h-index

156644

58
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118
all docs

118
docs citations

118
times ranked

3809
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfinate derivatives: dual and versatile partners in organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9743-9759.	1.5	232
2	<i>trans</i> -isomer of combretastatins A versus Combretastatins A: The Forgotten <i>trans</i> -CA-4 Isomer as a Highly Promising Cytotoxic and Antitubulin Agent. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4538-4542.	2.9	231
3	Transition-Metal-Catalyzed Direct C-H Alkenylation, Alkynylation, Benzoylation, and Alkylation of (Hetero)arenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6495-6516.	1.2	175
4	Palladium(II)-Catalyzed Oxidative Arylation of Quinoxalin-2(1 <i>H</i>)-ones with Arylboronic Acids. <i>Organic Letters</i> , 2013, 15, 5606-5609.	2.4	145
5	2-Aminobiphenyl Palladacycles: The "Most Powerful" Precatalysts in C and C-Heteroatom Cross-Couplings. <i>ACS Catalysis</i> , 2015, 5, 1386-1396.	5.5	136
6	Discovery of Isoerianin Analogues as Promising Anticancer Agents. <i>ChemMedChem</i> , 2011, 6, 488-497.	1.6	128
7	Recent Advances in Hsp90 Inhibitors as Antitumor Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 761-782.	0.9	93
8	Synthesis, Biological Evaluation of 1,1-Diarylethylenes as a Novel Class of Antimitotic Agents. <i>ChemMedChem</i> , 2009, 4, 1912-1924.	1.6	82
9	Synthesis and biological activity of simplified denoviose-coumarins related to novobiocin as potent inhibitors of heat-shock protein 90 (hsp90). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2495-2498.	1.0	80
10	Microwave-assisted Pd(OH) ₂ -catalyzed direct C-H arylation of free-(NH ₂) adenines with aryl halides. <i>Tetrahedron Letters</i> , 2008, 49, 7279-7283.	0.7	75
11	Assisted Tandem Palladium(II)/Palladium(0)-Catalyzed C and N-Arylations of Quinoxalin-2(1 <i>H</i>)-ones in Water. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3821-3830.	2.1	72
12	Palladium-Catalyzed Decarboxylative Coupling of Quinolinone-3-Carboxylic Acids and Related Heterocyclic Carboxylic Acids with (Hetero)aryl Halides. <i>Organic Letters</i> , 2012, 14, 1496-1499.	2.4	70
13	An Expedient Copper-Catalyzed Access to 3-Aminoquinolinones, 3-Aminocoumarins and Anilines using Sodium Azide. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1677-1687.	2.1	69
14	A General Copper Powder-Catalyzed Ullmann-Type Reaction of 3-Halo-4(1 <i>H</i>)-quinolones With Various Nitrogen-Containing Nucleophiles. <i>Journal of Organic Chemistry</i> , 2011, 76, 4995-5005.	1.7	66
15	Stereoretentive Palladium-Catalyzed Arylation, Alkenylation, and Alkynylation of 1-Thiosugars and Thiols Using Aminobiphenyl Palladacycle Precatalyst at Room Temperature. <i>Chemistry - A European Journal</i> , 2015, 21, 8375-8379.	1.7	66
16	A convenient and expeditious synthesis of 3-(<i>N</i> -substituted) aminocoumarins via palladium-catalyzed Buchwald-Hartwig coupling reaction. <i>Tetrahedron Letters</i> , 2007, 48, 6928-6932.	0.7	63
17	Nickel-Catalyzed Arylation, Alkenylation, and Alkynylation of Unprotected Thioglycosides at Room Temperature. <i>Chemistry - A European Journal</i> , 2013, 19, 15276-15280.	1.7	60
18	Stereoselective Palladium-Catalyzed Alkenylation and Alkynylation of Thioglycosides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2627-2636.	2.1	59

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19	Antiproliferative and apoptotic activities of tosylcyclonovobiocic acids as potent heat shock protein 90 inhibitors in human cancer cells. <i>Cancer Letters</i> , 2009, 274, 88-94.	3.2	57
20	Pd/Cu-Catalyzed Direct Alkenylation of Azole Heterocycles with Alkenyl Halides. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6097-6102.	1.2	57
21	Rapid access to 3-(N-substituted)-aminoquinolin-2(1H)-ones using palladium-catalyzed C-N bond coupling reaction. <i>Tetrahedron</i> , 2007, 63, 10202-10210.	1.0	55
22	A site selective C-H arylation of free-(NH ₂) adenines with aryl chlorides: Application to the synthesis of 6,8-disubstituted adenines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4271.	1.5	54
23	Synthesis of granulatinamide bis-imide analogues. <i>Tetrahedron</i> , 2005, 61, 5599-5614.	1.0	53
24	Combretastatin A7: Potent Cytotoxic Agents with Antitubulin Activity. <i>ChemMedChem</i> , 2015, 10, 1392-1402.	1.6	52
25	Emerging Organometallic Methods for the Synthesis of Branched (Hetero)aryl, Alkenyl, and Alkyl Glycosides: C-H Functionalization and Dual Photoredox Approaches. <i>Chemistry - A European Journal</i> , 2021, 27, 491-511.	1.7	52
26	Palladium-Catalyzed Chemoselective and Biocompatible Functionalization of Cysteine-Containing Molecules at Room Temperature. <i>Chemistry - A European Journal</i> , 2016, 22, 11365-11370.	1.7	51
27	Synthesis and Antiproliferative activities of diversely substituted glycosyl-isoindigo derivatives. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 88-100.	2.6	49
28	Stereoretentive Copper-Catalyzed Directed Thioglycosylation of C(sp ²)-H Bonds of Benzamides. <i>Chemistry - A European Journal</i> , 2016, 22, 15006-15010.	1.7	45
29	Efficient Buchwald-Hartwig-Migita Cross-Coupling for DNA Thioglycoconjugation. <i>Chemistry - A European Journal</i> , 2018, 24, 1795-1800.	1.7	45
30	Synthesis of (1 → 2)-S-Linked Saccharides and S-Linked Glycoconjugates via a Palladium-G3-XantPhos Precatalyst Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 6720-6728.	1.7	43
31	Palladium(II)-Catalyzed Diastereoselective 2,3-Trans C(sp ³)-H Arylation of Glycosides. <i>ACS Catalysis</i> , 2018, 8, 7781-7786.	5.5	43
32	Diastereoselective Pd-Catalyzed Anomeric C(sp ³)-H Activation: Synthesis of β -(Hetero)aryl C-Glycosides. <i>ACS Catalysis</i> , 2021, 11, 1818-1826.	5.5	43
33	Stereoselective copper-catalyzed Chan-Lam-Evans N-arylation of glucosamines with arylboronic acids at room temperature. <i>Chemical Communications</i> , 2013, 49, 8359.	2.2	42
34	Diastereoselective Decarboxylative Alkynylation of Anomeric Carboxylic Acids Using Cu/Photoredox Dual Catalysis. <i>ACS Catalysis</i> , 2021, 11, 6334-6342.	5.5	41
35	Discovery and Biological Activity of 6BrCaQ as an Inhibitor of the Hsp90 Protein Folding Machinery. <i>ChemMedChem</i> , 2011, 6, 804-815.	1.6	40
36	Heat shock proteins and cancer: How can nanomedicine be harnessed?. <i>Journal of Controlled Release</i> , 2017, 248, 133-143.	4.8	39

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37	Synthesis and biological evaluation of oxindoles and benzimidazolinones derivatives. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 453-458.	2.6	38
38	A Simple Synthesis of Functionalized 3- <i>Bromocoumarins</i> by a One-Pot Three-Component Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1046-1051.	1.2	38
39	Discovery of azaisoerianin derivatives as potential antitumors agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 178-189.	2.6	38
40	Intramolecular Pd-Catalyzed Anomeric C(sp ³)-H Activation of Glycosyl Carboxamides. <i>Organic Letters</i> , 2017, 19, 5038-5041.	2.4	36
41	Palladium-Mediated Labeling of Nucleic Acids. <i>ChemBioChem</i> , 2017, 18, 426-431.	1.3	35
42	Heat-shock protein 90 inhibitors as antitumor agents: a survey of the literature from 2005 to 2010. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1501-1542.	2.4	34
43	Synthesis of aryl-thioglycopeptides through chemoselective Pd-mediated conjugation. <i>Chemical Science</i> , 2018, 9, 8753-8759.	3.7	34
44	Organo-catalyzed/initiated ring opening co-polymerization of cyclic anhydrides and epoxides: an emerging story. <i>Polymer Chemistry</i> , 2021, 12, 2932-2946.	1.9	34
45	Palladium-Catalyzed Coupling of 3-Halo-Substituted Coumarins, Chromenes, and Quinolones with Various Nitrogen-Containing Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5077-5088.	1.2	33
46	Bis-imide granulatimide analogues as potent Checkpoint 1 kinase inhibitors. <i>European Journal of Pharmacology</i> , 2007, 554, 106-112.	1.7	32
47	Tosylcyclonovobiocic acids promote cleavage of the hsp90-associated cochaperone p23. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 514-518.	1.0	32
48	Ni/Photoredox-Dual-Catalyzed Functionalization of 1-Thiosugars. <i>Organic Letters</i> , 2019, 21, 5132-5137.	2.4	32
49	Recent Advances in Transition-Metal-Catalyzed Functionalization of 1-Thiosugars. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2026-2038.	1.3	31
50	Synthesis of bridged aza-rebeccamycin analogues. <i>Tetrahedron</i> , 2005, 61, 7304-7316.	1.0	30
51	Synthesis of a staurosporine analogue possessing a 7-azaindole unit instead of an indole moiety. <i>Tetrahedron Letters</i> , 2004, 45, 4643-4647.	0.7	29
52	Synthesis and antikinoplastid activities of 3-substituted quinolinones derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 44-50.	2.6	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. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 961-971.	2.6	27
54	Palladium-Catalyzed Direct Benzoylation of Xanthines. <i>ChemCatChem</i> , 2011, 3, 893-897.	1.8	26

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55	Synthesis and antiproliferative activity of novobiocin analogues as potential hsp90 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 498-507.	2.6	26
56	Synthesis of Biheterocycles Based on Quinolinone, Chromone, and Coumarin Scaffolds by Palladium-Catalyzed Decarboxylative Couplings. <i>Journal of Organic Chemistry</i> , 2016, 81, 424-432.	1.7	26
57	Synthesis of 3,4-Disubstituted Quinolin-2(1 <i>H</i>)-ones via Palladium-Catalyzed Decarboxylative Arylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2044-2054.	2.1	25
58	Electrochemical nickel-catalyzed Migita cross-coupling of 1-thiosugars with aryl, alkenyl and alkynyl bromides. <i>Chemical Communications</i> , 2020, 56, 4464-4467.	2.2	25
59	Pyrrolocarbazoles as Checkpoint 1 Kinase Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 577-597.	0.9	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. <i>Tetrahedron</i> , 2007, 63, 10671-10683.	1.0	23
61	One-Pot Assembly of Unsymmetrical Biaryl Thioglycosides through Chemoselective Palladium-Catalyzed Three-Component Tandem Reaction. <i>Organic Letters</i> , 2018, 20, 4067-4071.	2.4	23
62	Palladium-Catalyzed Cross-Coupling of 1-Aminoazoles with Aryl Chlorides: Application to the Synthesis of Unsymmetrical <i>N,N</i> -Diarylaminoindoles. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2829-2839.	2.1	22
63	Assessing the chemical diversity of an hsp90 database. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2000-2009.	2.6	21
64	Formulation and in vitro efficacy of liposomes containing the Hsp90 inhibitor 6BrCaQ in prostate cancer cells. <i>International Journal of Pharmaceutics</i> , 2016, 499, 101-109.	2.6	20
65	Synthesis and biological activities of 7-aza rebeccamycin analogues bearing the sugar moiety on the nitrogen of the pyridine ring. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7551-7562.	1.4	19
66	Intramolecular Pd-Catalyzed Arylation of 1-Amidosugars: A New Route to N-Glycosyl Quinolin-2-ones. <i>Organic Letters</i> , 2016, 18, 2126-2129.	2.4	19
67	Palladium-Catalyzed Cross-Coupling Reaction of Thioglycosides with (Hetero)aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 477-490.	2.1	18
68	A palladium-catalyzed coupling of 3-chloroquinoxalinones with various nitrogen-containing nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3808.	1.5	18
69	Identification of a new series of flavopiridol-like structures as kinase inhibitors with high cytotoxic potency. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112355.	2.6	17
70	Palladium-catalyzed selective N-(hetero)arylation or <i>N,N</i> -di(hetero)arylation of 1-aminoindoles. <i>Tetrahedron Letters</i> , 2011, 52, 2687-2691.	0.7	16
71	Conversion of 3-Bromo-2 <i>H</i> -coumarins to 3-(Benzofuran-2-yl)-2 <i>H</i> -coumarins under Palladium Catalysis: Synthesis and Photophysical Properties Study. <i>Organic Letters</i> , 2017, 19, 910-913.	2.4	16
72	The Metabolic Fate of <i>iso</i> -Combretastatin A4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. <i>ChemMedChem</i> , 2011, 6, 1781-1788.	1.6	15

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73	Copper-Catalyzed Anomeric O-Arylation of Carbohydrate Derivatives at Room Temperature. <i>Journal of Organic Chemistry</i> , 2019, 84, 9226-9238.	1.7	15
74	Cs ₂ CO ₃ in pyrrolidinone promoted hydration of functionalized (hetero)aryl nitriles under metal-free conditions. <i>Tetrahedron Letters</i> , 2012, 53, 2860-2863.	0.7	14
75	Room-Temperature Pd-Catalyzed Synthesis of 1-(Hetero)aryl Selenoglycosides. <i>Organic Letters</i> , 2020, 22, 6584-6589.	2.4	14
76	Synthesis of Fused 1-Aminoindole Polycycles by a Sequence of Palladium-Catalyzed N ^H and C(sp ²) ^H Arylations. <i>Journal of Organic Chemistry</i> , 2015, 80, 751-761.	1.7	13
77	Antitumor activity of nanoliposomes encapsulating the novobiocin analog 6BrCaQ in a triple-negative breast cancer model in mice. <i>Cancer Letters</i> , 2018, 432, 103-111.	3.2	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 deprotection ^l actonization reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10904-10916.	1.5	12
79	Synthesis of 2,3-Substituted ² -N-Glycosyl Indoles through C ^H Activation/Annulation Process under Rh(III)-Catalysis. <i>Organic Letters</i> , 2020, 22, 57-61.	2.4	12
80	Selective Palladium ^C -Catalyzed Domino Heck/Buchwald ^H Hartwig Arylations of <i>N</i> -Glycosylcinnamamides: An Efficient Route to 4 ^{Aryl} <i>N</i> -Glycosylquinolin ² -ones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1320-1330.	2.1	11
81	Construction of Peptide Macrocycles via Palladium-Catalyzed Multiple S-Arylation: An Effective Strategy to Expand the Structural Diversity of Cross-Linkers. <i>Organic Letters</i> , 2021, 23, 8001-8006.	2.4	11
82	Regio- and diastereoselective Pd-catalyzed synthesis of C ₂ -aryl glycosides. <i>Chemical Communications</i> , 2020, 56, 7175-7178.	2.2	10
83	Synthesis of Isocoumarin via PTSA-Catalyzed Annulation of Diarylalkynes. <i>Synthesis</i> , 2008, 2008, 1607-1611.	1.2	9
84	An efficient synthesis of 3 ^{triazolyl} -2(1 ^H) ^{quinolones} by CuTC ^{catalyzed} azide ^{alkyne} cycloaddition reaction. <i>Applied Organometallic Chemistry</i> , 2013, 27, 155-158.	1.7	9
85	A general Pd/Cu-catalyzed C ^H heteroarylation of 3-bromoquinolin-2(1H)-ones. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8533-8541.	1.5	9
86	Hsp90 stabilizes Cdc25A and counteracts heat shock-mediated Cdc25A degradation and cell-cycle attenuation in pancreatic carcinoma cells. <i>Human Molecular Genetics</i> , 2012, 21, 4615-4627.	1.4	8
87	Convergent Synthesis of N,S-bis Glycosylquinolin-2-ones via a Pd-G3-XantPhos Precatalyst Catalysis. <i>Molecules</i> , 2018, 23, 519.	1.7	8
88	Convergent Strategy to Dizocilpine MK-801 and Derivatives. <i>Journal of Organic Chemistry</i> , 2018, 83, 4264-4269.	1.7	7
89	Conformational Ensemble and Biological Role of the TCTP Intrinsically Disordered Region: Influence of Calcium and Phosphorylation. <i>Journal of Molecular Biology</i> , 2018, 430, 1621-1639.	2.0	7
90	Reversing Reactivity: Stereoselective Desulfurative 1,2- <i>trans</i> - <i>O</i> -Glycosylation of Anomeric Thiosugars with Carboxylic Acids under Copper or Cobalt Catalysis. <i>Journal of Organic Chemistry</i> , 2020, 85, 8893-8909.	1.7	7

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91	Synthesis of <i>N</i> -Glycosyl-2-oxindoles by Pd-Catalyzed N-Arylation of 1-Amidosugars. <i>Organic Letters</i> , 2020, 22, 4201-4206.	2.4	6
92	Synthesis of <i>N</i> -Trifluoromethyl Arylsulfoximine Thioglycosides through Pd-Catalyzed Migita Cross-Coupling. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4972-4981.	1.2	6
93	Synthesis and Biological Activity of 3-(Heteroaryl)quinolin-2(1H)-ones Bis-Heterocycles as Potential Inhibitors of the Protein Folding Machinery Hsp90. <i>Molecules</i> , 2022, 27, 412.	1.7	6
94	Lipoproteins LDL versus HDL as nanocarriers to target either cancer cells or macrophages. <i>JCI Insight</i> , 2020, 5, .	2.3	5
95	Palladium-Catalyzed Coupling of <i>N</i> -Amino Azoles with 3-Halo-Substituted Quinolin-2(1 <i>H</i>)-ones, Coumarins, Quinoxalin-2(1 <i>H</i>)-ones, and Chromenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1771-1780.		4
96	Controllable Activation of Pd-G3 Palladacycle Precatalyst in the Presence of Thiosugars: Rapid Access to <i>N</i> -Aminobiphenyl Thioglycoside Atropoisomers at Room Temperature. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3114-3118.	1.7	4
97	Revisiting the Molecular Interactions between the Tumor Protein TCTP and the Drugs Sertraline/Thioridazine. <i>ChemMedChem</i> , 2022, 17, .	1.6	4
98	Synthesis and antiproliferative activity of 6BrCaQ-TPP conjugates for targeting the mitochondrial heat shock protein TRAP1. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114052.	2.6	4
99	Azoliums and Ag(I)-Heterocyclic Carbene Thioglycosides: Synthesis, Reactivity and Bioactivity. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	4
100	Synthesis of axially chiral biaryl thioglycosides through thiosugar-directed Pd-catalyzed asymmetric C-H activation. <i>Chemical Communications</i> , 2021, 57, 10355-10358.	2.2	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 Stadler-Ziegler Arylation of Thiosugars with Anilines. <i>ACS Organic & Inorganic Au</i> , 0, , .	1.9	2
103	Biological Investigation of a Water-Soluble Isoginkgetin-Phosphate Analogue, Targeting the Spliceosome with <i>In Vivo</i> Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4633-4648.	2.9	2
104	Dual Photocatalysis for the Straightforward Coupling of Thiosugars and Arylsulfoximines: Towards Unprecedented Cyclic Heteroatomic Structures. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2