

# Olivier Provot

## List of Publications by Year in descending order

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67  
papers

2,452  
citations

147801

31  
h-index

206112

48  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2095  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>iso</i> combretastatins A versus Combretastatins A: The Forgotten <i>iso</i> CA-4 Isomer as a Highly Promising Cytotoxic and Antitubulin Agent. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4538-4542.	6.4	231
2	Discovery of Isoerianin Analogues as Promising Anticancer Agents. <i>ChemMedChem</i> , 2011, 6, 488-497.	3.2	128
3	Synthesis and antitumor activity of benzils related to combretastatin A-4. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3266-3271.	2.2	96
4	DMSO-PdI <sub>2</sub> as a powerful oxidizing couple of alkynes into benzils: one-pot synthesis of nitrogen-containing five- or six-membered heterocycles. <i>Tetrahedron</i> , 2008, 64, 4287-4294.	1.9	92
5	Expeditious synthesis of 1,1-diarylethylenes related to isocombretastatin A-4 ( <i>iso</i> CA-4) via palladium-catalyzed arylation of N-tosylhydrazones with aryl triflates. <i>Tetrahedron Letters</i> , 2009, 50, 6549-6552.	1.4	88
6	Synthesis, Biological Evaluation of 1,1-Diarylethylenes as a Novel Class of Antimitotic Agents. <i>ChemMedChem</i> , 2009, 4, 1912-1924.	3.2	82
7	<i>p</i> -Toluenesulfonic acid-promoted selective functionalization of unsymmetrical arylalkynes: a regioselective access to various arylketones and heterocycles. <i>Tetrahedron</i> , 2010, 66, 3775-3787.	1.9	76
8	Platinum Oxide Catalyzed Hydrosilylation of Unsymmetrical Internal Aryl Alkynes under Ortho-Substituent Regiocontrol. <i>Organic Letters</i> , 2005, 7, 5625-5628.	4.6	73
9	One-pot hydrosilylation-protodesilylation of functionalized diarylalkynes: a highly selective access to Z-stilbenes. Application to the synthesis of combretastatin A-4. <i>Tetrahedron Letters</i> , 2008, 49, 1107-1110.	1.4	67
10	Therapeutic Modalities of Squalenoyl Nanocomposites in Colon Cancer: An Ongoing Search for Improved Efficacy. <i>ACS Nano</i> , 2014, 8, 2018-2032.	14.6	67
11	Microwave-assisted efficient synthesis of 1,2-diaryldiketones: a novel oxidation reaction of diarylalkynes with DMSO promoted by FeBr <sub>3</sub> . <i>Tetrahedron</i> , 2006, 62, 7667-7673.	1.9	65
12	Design, synthesis and anticancer properties of IsoCombretaQuinolines as potent tubulin assembly inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 1025-1034.	5.5	65
13	Conformationally restricted naphthalene derivatives type isocombretastatin A-4 and isoerianin analogues: Synthesis, cytotoxicity and antitubulin activity. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 22-32.	5.5	64
14	<i>p</i> -Toluenesulfonic acid-mediated cyclization of <i>o</i> -(1-alkynyl)anisoles or thioanisoles: synthesis of 2-arylsubstituted benzofurans and benzothiophenes. <i>Tetrahedron Letters</i> , 2009, 50, 3588-3592.	1.4	58
15	Palladium-Catalyzed Markovnikov Terminal Arylalkynes Hydrostannation: Application to the Synthesis of 1,1-Diarylethylenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 1337-1340.	3.2	54
16	Synthesis of <i>ortho</i> / <i>ortho</i> -Substituted 1,1-Diarylethylenes through Cross-Coupling Reactions of Sterically Encumbered Hydrazones and Aryl Halides. <i>Journal of Organic Chemistry</i> , 2013, 78, 445-454.	3.2	54
17	<i>iso</i> CombretaQuinazolines: Potent Cytotoxic Agents with Antitubulin Activity. <i>ChemMedChem</i> , 2015, 10, 1392-1402.	3.2	52
18	N-Methylpyrrolidin-2-one hydrotribromide (MPHT) a mild reagent for selective bromination of carbonyl compounds: synthesis of substituted 2-bromo-1-naphtols. <i>Tetrahedron Letters</i> , 2005, 46, 4187-4191.	1.4	48

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19	Synthesis of substituted quinolines by iron-catalyzed coupling reactions between chloroenynes and Grignard reagents. <i>Tetrahedron Letters</i> , 2004, 45, 1881-1884.	1.4	47
20	Synthetic approach to enyne and enediyne analogues of anticancer agents. <i>Tetrahedron Letters</i> , 2005, 46, 8547-8550.	1.4	47
21	Rapid microwave assisted hydration of internal arylalkynes in the presence of PTSA: an efficient regioselective access to carbonyl compounds. <i>Tetrahedron Letters</i> , 2006, 47, 5497-5501.	1.4	46
22	Hydrostannation of Alkynes. <i>ACS Catalysis</i> , 2019, 9, 3437-3466.	11.2	45
23	Modified <i>iso</i> -Combretastatin A-4 Analogues Endowed with Interesting Anticancer Activities. <i>ChemMedChem</i> , 2011, 6, 2179-2191.	3.2	44
24	1,1-Diheterocyclic Ethylenes Derived from Quinaldine and Carbazole as New Tubulin-Polymerization Inhibitors: Synthesis, Metabolism, and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1902-1916.	6.4	43
25	Design, synthesis and anticancer properties of 5-arylbenzoxepins as conformationally restricted <i>iso</i> -combretastatin A-4 analogs. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 28-39.	5.5	39
26	Csp <sup>2</sup> -N Bond Formation via Ligand-Free Pd-Catalyzed Oxidative Coupling Reaction of <i>N</i> -Tosylhydrazones and Indole Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 8485-8495.	3.2	38
27	Discovery of azaisoerianin derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 178-189.	5.5	38
28	Regiocontrol of the Palladium-Catalyzed Tin Hydride Addition to <i>Z</i> -Enynols: Remarkable <i>Z</i> -Directing Effects. <i>Journal of Organic Chemistry</i> , 2007, 72, 3868-3874.	3.2	36
29	Palladium-catalyzed coupling of <i>N</i> -tosylhydrazones with ortho substituted aryl halides: synthesis of 4-arylchromenes and related heterocycles. <i>Tetrahedron Letters</i> , 2011, 52, 1036-1040.	1.4	36
30	Disproportionation reaction of diarylmethylisopropyl ethers: a versatile access to diarylmethanes from diarylcarbinols speeded up by the use of microwave irradiation. <i>Tetrahedron</i> , 2006, 62, 11994-12002.	1.9	34
31	Palladium-Catalyzed Coupling of Substituted Coumarins, Chromenes, and Quinolones with Various Nitrogen-Containing Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5077-5088.	2.4	33
32	Developments of <i>iso</i> -Combretastatin A-4 derivatives as highly cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112110.	5.5	33
33	Rapid synthesis of 4-arylchromenes from ortho-substituted alkynols: A versatile access to restricted <i>isocombretastatin</i> A-4 analogues as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 834-844.	5.5	31
34	Recent advances in the synthesis of pyrido[1,2- <i>a</i> ]indoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3509-3526.	2.8	27
35	Regioselective hydrostannation of diarylalkynes directed by a labile ortho bromine atom: An easy access to stereodefined triarylolefins, hybrids of <i>combretastatin</i> A-4 and <i>isocombretastatin</i> A-4. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3617-3626.	5.5	24
36	<i>N,N</i> -bis-heteroaryl methylamines: Potent anti-mitotic and highly cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 176-188.	5.5	23

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37	A One-Pot Three-Step Synthesis of <i>Z</i> -Trisubstituted Olefins from Arylalkynes and Their Cyclization into 4-Aryl-2-H-chromenes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1603-1615.	2.4	19
38	Suzuki Coupling Reactions of <i>E</i> - and <i>Z</i> -Chloroenynes with Boronic Acids: Versatile Access to Functionalized 1,3-Enynes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 725-731.	2.4	18
39	Synthesis of 2-substituted indoles through cyclization and demethylation of 2-alkynyldimethylanilines by ethanol. <i>Green Chemistry</i> , 2019, 21, 4204-4210.	9.0	18
40	Anticancer properties of indole derivatives as IsoCombretastatin A-4 analogues. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113656.	5.5	18
41	Discovery and Hit to Lead Optimization of Novel Combretastatin A-4 Analogues: Dependence of C-Linker Length and Hybridization. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 1614-1635.	1.7	17
42	Cyclic bridged analogs of isoCA-4: Design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112873.	5.5	16
43	The Metabolic Fate of <i>iso</i> Combretastatin A-4 in Human Liver Microsomes: Identification, Synthesis and Biological Evaluation of Metabolites. <i>ChemMedChem</i> , 2011, 6, 1781-1788.	3.2	15
44	PtO <sub>2</sub> /PTSA system catalyzed regioselective hydration of internal arylalkynes bearing electron withdrawing groups. <i>RSC Advances</i> , 2018, 8, 11536-11542.	3.6	15
45	Palladium mediated direct coupling of silylated arylalkynes with propargylic chlorides: an efficient access to functionalized conjugated allenynes. <i>Tetrahedron Letters</i> , 2007, 48, 6022-6026.	1.4	14
46	Synthesis of Substituted Benzils from Diarylalkyne Oxidation. <i>Synthesis</i> , 2017, 49, 504-525.	2.3	14
47	Synthesis and Biological Activities of Pyrazino[1,2-a]indole and Pyrazino[1,2-a]indol-1-one Derivatives. <i>Pharmaceuticals</i> , 2021, 14, 779.	3.8	14
48	MPHT-Promoted Bromocyclization of ortho-Substituted Arylalkynes: Application to the Synthesis of 2-Substituted 3-Bromobenzofurans and -Benzo[b]thiophenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, n/a-n/a.	2.4	13
49	Selective Metal-Free Deoxygenation of Unsymmetrical 1,2-Dicarbonyl Compounds by Chlorotrimethylsilane and Sodium Iodide. <i>Organic Letters</i> , 2016, 18, 3238-3241.	4.6	12
50	Chlorotrimethylsilane and Sodium Iodide: A Remarkable Metal-Free Association for the Desulfurization of Benzylic Dithioketals under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2522-2536.	4.3	12
51	Synthesis of 2,3-Substituted <sup>12</sup> N-Glycosyl Indoles through C-H Activation/Annulation Process under Rh(III)-Catalysis. <i>Organic Letters</i> , 2020, 22, 57-61.	4.6	12
52	Design, synthesis and biological evaluation of quinoline-2-carbonitrile-based hydroxamic acids as dual tubulin polymerization and histone deacetylases inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 240, 114573.	5.5	12
53	Synthesis of Oxazino[4,3-a]indoles and biological applications. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113728.	5.5	11
54	Regioselective hydrostannation of highly hindered arylalkynes under ortho-directing effects. <i>Tetrahedron</i> , 2010, 66, 8698-8706.	1.9	9

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55	Chlorotrimethylsilane and Sodium Iodide: A Useful Combination for the Regioselective Deoxygenation of Arylalkylâ€”â€”Diketones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2682-2691.	4.3	9
56	Desulfurization of Thioketals into Methylene and Methyl Derivatives: Nickel or not Nickel?. <i>ChemistrySelect</i> , 2017, 2, 10951-10959.	1.5	9
57	One-Pot Synthesis of 2-Styrylindoles from <i>ortho</i> -Substituted Chloroenynes. <i>Journal of Organic Chemistry</i> , 2018, 83, 15323-15332.	3.2	8
58	Synthesis of 2-(1-Phenylvinyl)benzofurans and 2-(1-Phenylvinyl)indoles as Antimitotic Agents by a Tandem Palladium-Assisted Coupling-Cyclization Reaction between 1-Phenylvinyl Iodides and <i>ortho</i> -Substituted Arylalkynes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, n/a-n/a.	2.4	7
59	Synthesis and functionalization of 3-bromo-2-(2-chlorovinyl)benzothiophenes as molecular tools. <i>RSC Advances</i> , 2017, 7, 46007-46013.	3.6	6
60	Mild Deprotection of Dithioacetals by TMSCl/Nal Association in CH <sub>3</sub> CN. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5775-5779.	2.4	6
61	Pd-Catalyzed Coupling of N-Tosylhydrazones with Benzylic Phosphates: Toward the Synthesis of Di- or Tri-Substituted Alkenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 1249-1261.	3.2	5
62	Recent Progress on the Mild Deprotection of Dithioacetals, Dithioacetals, and Oxathiolanes. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	5
63	Metalâ€”Catalyzed Synthesis of 1,1â€”Diarylethylene Scaffolds. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1509-1518.	2.7	4
64	Unexpected Oxidative Ring Opening of Electron-Rich 3-Aminobenzofurans into $\alpha$ -Ketoimines Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 1725-1733.	3.2	4
65	Copper-catalyzed sulfonylation of <i>N</i> -tosylhydrazones followed by a one-pot Câ€”N bond formation. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5358-5367.	2.8	3
66	Synthesis and Anticancer Properties of Oxazepines Related to Azaisoerianin and IsoCoQuines. <i>ChemMedChem</i> , 2020, 15, 1571-1578.	3.2	2
67	Synthesis of Dihydroâ€”5 <i>H</i> -â€”Benzo[ <i>c</i> ]â€”Fluorenes, Dihydroindeno[ <i>c</i> ]â€”Chromenes and Thiochromenes <i>via</i> Intramolecular Cyclization and their Effect on Human Leukemia Cells. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	1