Ernesto Giovanni Occhiato

List of Publications by Year
in descending order

91	2,215	186265	289244
papers	citations	28 h-index	40 g-index

95	95	95	1748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gold(I)-Catalyzed Cycloisomerization/Hetero-Dielsâ€“Alder Reaction/Ring Opening Cascade to Functionalized Cyclopentadienes. Journal of Organic Chemistry, 2022, 87, 6038-6051.	3.2	3
2	Synthesis of (Â±)â€epiâ€Jungianol by the Gold(I)â€Catalyzed Propargyl Claisen Rearrangement/Hydroarylation Cascade Reaction of Propargyl Vinyl Ethers. European Journal of Organic Chemistry, 2021, 2021, 1266-1273.	2.4	6
3	Enantiodivergent Synthesis of Halofuginone by Candida antarctica Lipase B (CAL-B)-Catalyzed Kinetic Resolution in Cyclopentyl Methyl Ether (CPME). SynOpen, 2021, 05, 145-151.	1.7	2
4	Gold(I)â€Catalysed Hydroarylation of Lactamâ€Derived Enynes as an Entry to Tetrahydrobenzo[g]quinolines. European Journal of Organic Chemistry, 2020, 2020, 646-653.	2.4	6
5	Enantioselective Synthesis of cis and trans 4â€Aminopipecolic Acids as Î³â€Amino Acids for the Construction of Cyclic RGDâ€Containing Peptidomimetics Antagonists of Î±_VÎ²₃ Integrin. European Journal of Organic Chemistry, 2020, 2020, 4371-4383.	2.4	1
6	One-Pot Access to 1,7a-Dihydro-1,3a-ethano-indene and 1,8a-Dihydro-1,3a-ethano-azulene Skeletons by a Sequential Gold(I)-Catalyzed Propargyl Claisen Rearrangement/Nazarov Cyclization/[4+2] Cycloaddition Reaction. Journal of Organic Chemistry, 2020, 85, 5078-5086.	3.2	5
7	Pentannulation of N-heterocycles by a tandem gold-catalyzed [3,3]-rearrangement/Nazarov reaction of propargyl ester derivatives: a computational study on the crucial role of the nitrogen atom. Beilstein Journal of Organic Chemistry, 2020, 16, 3059-3068.	2.2	2
8	From synthetic control to natural products: a focus on Nâ€heterocycles. Pest Management Science, 2019, 75, 2385-2402.	3.4	24
9	Recent Advances in the Synthesis of Indenes. European Journal of Organic Chemistry, 2019, 2019, 7401-7419.	2.4	39
10	Synthesis of Indenes by Tandem Gold(I)-Catalyzed Claisen Rearrangement/Hydroarylation Reaction of Propargyl Vinyl Ethers. Journal of Organic Chemistry, 2019, 84, 6298-6311.	3.2	14
11	Stereodivergent synthesis of 5-aminopipecolic acids and application in the preparation of a cyclic RGD peptidomimetic as a nanomolar Î±_VÎ²₃ integrin ligand. Organic and Biomolecular Chemistry, 2018, 16, 3402-3414.	2.8	4
12	Short synthesis of racemic 5-hydroxy-6-hydroxymethylpiperidin-2-one. Chemical Data Collections, 2018, 13-14, 11-16.	2.3	0
13	Pentannulation Reaction by Tandem Gold(I)-Catalyzed Propargyl Claisen Rearrangement/Nazarov Cyclization of Enynyl Vinyl Ethers. Organic Letters, 2018, 20, 4713-4717.	4.6	19
14	A Gold(I)â€Catalyzed Oxidative Rearrangement of Heterocycleâ€Derived 1,3â€Enynes Provides an Efficient and Selective Route to Divinyl Ketones. European Journal of Organic Chemistry, 2017, 2017, 6228-6238.	2.4	12
15	Total Synthesis of Bruceolline I. Journal of Natural Products, 2017, 80, 2384-2388.	3.0	23
16	Synthesis and conformational analysis of peptides embodying 2,3-methanopipecolic acids. Organic and Biomolecular Chemistry, 2017, 15, 6826-6836.	2.8	14
17	Pentannulation of Heterocycles by Virtue of Precious Metal Catalysis. Chemistry - an Asian Journal, 2016, 11, 642-659.	3.3	20
18	Dermatophagoides pteronyssinus group 2 allergen bound to 8-OH modified adenine reduces the Th2-mediated airway inflammation without inducing a Th17 response and autoimmunity. Molecular Immunology, 2016, 77, 60-70.	2.2	4

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19	Construction of Cyclopenta[b]indol-1-ones by a Tandem Gold(I)-Catalyzed Rearrangement/Nazarov Reaction and Application to the Synthesis of Bruceolline H. Organic Letters, 2016, 18, 3922-3925.	4.6	33
20	Cyclic RGD peptidomimetics containing 4- and 5-amino-cyclopropane pipecolic acid (CPA) templates as dual Î±VÎ²3 and Î±5Î²1 integrin ligands. Bioorganic and Medicinal Chemistry, 2016, 24, 703-711.	3.0	14
21	Annulated Nâ€Heterocycles by Tandem Gold(I)â€Catalyzed [3,3]â€Rearrangement/Nazarov Reaction of Propargylic Ester Derivatives: an Experimental and Computational Study. European Journal of Organic Chemistry, 2015, 2015, 3943-3956.	2.4	32
22	Treatment with 8â€•OH â€modified adenine (TLR 7 ligand)â€allergen conjugates decreases T helper type 2â€oriented murine airway inflammation. Immunology, 2015, 145, 570-582.	4.4	7
23	Goldâ€Catalysed Synthesis of Exocyclic Vinylogous Amides and Î²â€Amino Ketones: A Detailed Study on the 5â€exo/6â€endoâ€dig Selectivity, Methodology and Scope. European Journal of Organic Chemistry, 2015, 2015, 3251-3265.	2.4	23
24	Stereochemical Assignment of Strigolactone Analogues Confirms Their Selective Biological Activity. Journal of Natural Products, 2015, 78, 2624-2633.	3.0	24
25	A Short, Chemoâ€Enzymatic Synthesis of Both Enantiomers of transâ€3â€HydroxyÂpipecolic Acid. European Journal of Organic Chemistry, 2014, 2014, 5448-5455.	2.4	14
26	Cyclopropane Pipecolic Acids as Templates for Linear and Cyclic Peptidomimetics: Application in the Synthesis of an Argâ€Glyâ€Asp (RGD)â€Containing Peptide as an Î±_vÎ²₃ Integrin Ligand. Chemistry - A European Journal, 2014, 20, 11187-11203.	3.3	17
27	Tailoring fluorescent strigolactones for in vivo investigations: a computational and experimental study. Organic and Biomolecular Chemistry, 2014, 12, 2960-2968.	2.8	28
28	Synthesis of Vinylogous Amides by Gold(I)-Catalyzed Cyclization of N-Boc-Protected 6-Alkynyl-3,4-dihydro-2H-pyridines. Journal of Organic Chemistry, 2013, 78, 11007-11016.	3.2	31
29	Structureâ€“Function Relations of Strigolactone Analogs: Activity as Plant Hormones and Plant Interactions. Molecular Plant, 2013, 6, 141-152.	8.3	40
30	A novel allergen-adjuvant conjugate suitable for specific immunotherapy of respiratory allergy. Journal of Allergy and Clinical Immunology, 2013, 132, 84-92.e6.	2.9	13
31	Complementary and Stereodivergent Approaches to the Synthesis of 5â€Hydroxyâ€and 4,5â€Dihydroxypipecolic Acids from Enantiopure Hydroxylated Lactams. European Journal of Organic Chemistry, 2013, 2013, 1306-1317.	2.4	23
32	Strigolactone Analogs as Molecular Probes in Chasing the (SLs) Receptor/s: Design and Synthesis of Fluorescent Labeled Molecules. Molecular Plant, 2013, 6, 113-127.	8.3	31
33	Synthesis of Both Enantiomers of the Streptomyces Alkaloid 4-epi-SS20846A. Synthesis, 2012, 44, 3688-3692.	2.3	4
34	Expeditious Racemic and Enantiodivergent Synthesis of 1â€Deoxymannojirimycin and 1,4â€Dideoxymannojirimycin. European Journal of Organic Chemistry, 2012, 2012, 2597-2605.	2.4	8
35	New Potent Fluorescent Analogues of Strigolactones: Synthesis and Biological Activity in Parasitic Weed Germination and Fungal Branching. European Journal of Organic Chemistry, 2011, 2011, 3781-3793.	2.4	69
36	Diastereodivergent Synthesis of 4â€Hydroxyâ€2,3â€methanopipecolic Acid Derivatives as Conformationally Constrained Homoserine Analogues. European Journal of Organic Chemistry, 2011, 2011, 6544-6552.	2.4	13

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37	Enantiodivergent Chemoenzymatic Synthesis of 4â€Hydroxypiperidine Alkaloids. European Journal of Organic Chemistry, 2010, 2010, 5831-5840.	2.4	33
38	A New, Practical and Efficient Method for Protecting Alcohols as tert-Butyl Ethers. Synlett, 2010, 2010, 812-816.	1.8	2
39	One-Pot Pictet-Spengler Reaction and Esterification for the Preparation of a Key Tadalafil Synthetic Intermediate. Letters in Organic Chemistry, 2010, 7, 311-313.	0.5	1
40	Carbonylative Palladium-Catalyzed Reactions of Lactam-, Lactone-, and Thiolactone-Derived Vinyl Triflates and Phosphates for the Synthesis of N-, O-, and S-Heterocycles. Heterocycles, 2010, 80, 697.	0.7	18
41	o-Benzenedisulfonimide as a Powerful and Recyclable Organocatalyst for the Nazarov Reaction. Synthesis, 2009, 2009, 2260-2266.	2.3	24
42	Chemistry of Lactam-Derived Vinyl Phosphates: Stereoselective Synthesis of (+)-Fagomine. Synlett, 2009, 2009, 913-916.	1.8	3
43	A Short and Convenient Synthesis of Enantiopure cis- and trans-4-Hydroxypipecolic Acid. Synthesis, 2009, 2009, 3611-3616.	2.3	17
44	N-Substituent effects on the diethylzinc addition to benzaldehyde catalysed by bicyclic 1,4-amino alcohols. Tetrahedron: Asymmetry, 2009, 20, 340-350.	1.8	19
45	A new class of conjugated strigolactone analogues with fluorescent properties: synthesis and biological activity. Organic and Biomolecular Chemistry, 2009, 7, 3413.	2.8	77
46	Predicting Reactivity and Stereoselectivity in the Nazarov Reaction: A Combined Computational and Experimental Study. Chemistry - A European Journal, 2008, 14, 9292-9304.	3.3	27
47	Stereoselective Synthesis of (2S,4R)â€4â€Hydroxypipecolic Acid. European Journal of Organic Chemistry, 2008, 2008, 524-531.	2.4	16
48	Synthesis of Weinreb Amides via Pd-Catalyzed Aminocarbonylation of Heterocyclic-Derived Triflates. Journal of Organic Chemistry, 2008, 73, 1941-1945.	3.2	37
49	Carbonylative Suzukiâ€“Miyaura Coupling Reaction of Lactam-, Lactone-, and Thiolactone-Derived Enol Triflates for the Synthesis of Unsymmetrical Dienones. European Journal of Organic Chemistry, 2007, 2007, 2152-2163.	2.4	34
50	The Lewis Acid-Catalyzed Nazarov Reaction of 2-(N-Methoxycarbonylamino)-1,4-pentadien-3-ones. Organic Letters, 2006, 8, 781-784.	4.6	44
51	Preparation and Suzukiâ€"Miyaura Coupling Reactions of Tetrahydropyridine-2-boronic Acid Pinacol Esters.. ChemInform, 2006, 37, no.	0.0	0
52	Density Functional Studies on the Nazarov Reaction Involving Cyclic Systems. Chemistry - A European Journal, 2006, 12, 2836-2845.	3.3	42
53	Selectivity of Daucus carota roots and bakerâ€™s yeast in the enantioselective reduction of Î³-nitroketones. Tetrahedron: Asymmetry, 2005, 16, 1479-1483.	1.8	20
54	LIC-KOR promoted formation of conjugated dienes as useful building blocks for palladium-catalyzed syntheses. Tetrahedron, 2005, 61, 3429-3436.	1.9	24

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55	Synthesis and activity of 8-substituted benzo[c]quinolizin-3-ones as dual inhibitors of human 5Î±-reductases 1 and 2. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 145-148.	2.2	11
56	Remote Stereocontrol in the Nazarov Reaction:Â A New Approach to the Core of Roseophilin. Journal of Organic Chemistry, 2005, 70, 4542-4545.	3.2	51
57	Preparation and Suzukiâ^'Miyaura Coupling Reactions of Tetrahydropyridine-2-boronic Acid Pinacol Esters. Journal of Organic Chemistry, 2005, 70, 7324-7330.	3.2	64
58	Stereoselective Synthesis of Spirocyclic Ketones by Nazarov Reaction. Organic Letters, 2005, 7, 4345-4348.	4.6	38
59	Enantioselective addition of diethylzinc to aldehydes using 1,4-aminoalcohols as chiral ligands. Tetrahedron: Asymmetry, 2004, 15, 1319-1324.	1.8	26
60	A Lactam-Derived Vinyl Boronate as a Stable and Crystalline Reagent for the Synthesis of 2-Substituted Piperidines by Pd-Catalyzed Coupling Reactions.. ChemInform, 2004, 35, no.	0.0	0
61	A lactam-derived vinyl boronate as a stable and crystalline reagent for the synthesis of 2-substituted piperidines by Pd-catalyzed coupling reactions. Tetrahedron Letters, 2004, 45, 5271-5274.	1.4	12
62	New Synthetic Approach to Cyclopenta-Fused Heterocycles Based upon a Mild Nazarov Reaction. 2. Further Studies on the Torquoselectivity. Journal of Organic Chemistry, 2004, 69, 7705-7709.	3.2	51
63	Selective non-steroidal inhibitors of 5Î±-reductase type 1. Journal of Steroid Biochemistry and Molecular Biology, 2004, 88, 1-16.	2.5	52
64	Synthesis, Biological Activity, and Three-Dimensional Quantitative Structureâ^'Activity Relationship Model for a Series of Benzo[c]quinolizin-3-ones, Nonsteroidal Inhibitors of Human Steroid 5Î±-Reductase 1. Journal of Medicinal Chemistry, 2004, 47, 3546-3560.	6.4	28
65	Preparation and Cycloaddition Reactions of Enantiopure 2-(N-Acylamino)-1,3-dienes for the Synthesis of Octahydroquinoline Derivatives. Journal of Organic Chemistry, 2003, 68, 6360-6368.	3.2	53
66	New Synthetic Approach to Cyclopenta-Fused Heterocycles Based upon a Mild Nazarov Reactionâ€. Journal of Organic Chemistry, 2003, 68, 9728-9741.	3.2	78
67	Synthesis and Conformational Analysis of Small Peptides Containing 6-Endo-BT(t)L Scaffolds as Reverse Turn Mimetics. Journal of Organic Chemistry, 2002, 67, 7483-7492.	3.2	51
68	Synthesis of Î±-Acyl-Functionalized Azacycles by Pd-Catalyzed Cross-Coupling Reactions of Î±-Alkoxyboronates with Lactam-Derived Vinyl Triflates. Journal of Organic Chemistry, 2002, 67, 7144-7146.	3.2	31
69	Synthesis of 17Î²-N-Substituted 19-Nor-10-azasteroids as Inhibitors of Human 5Î±-Reductases I and II. Bioorganic and Medicinal Chemistry, 2002, 10, 3455-3461.	3.0	10
70	Synthesis of a new enantiopure bicyclic Î³/Î´-amino acid (BTKa) derived from tartaric acid and Î±-amino acetophenone. Tetrahedron, 2002, 58, 9865-9870.	1.9	24
71	Suzuki Reaction of Vinyl Triflates from Six- and Seven-MemberedN-Alkoxycarbonyl Lactams with Boronic Acids and Esters. Journal of Organic Chemistry, 2001, 66, 2459-2465.	3.2	77
72	Introduction of the new dipeptide isostere 7-endo-BtA as reverse turn inducer in a Bowman-Birk proteinase inhibitor. Bioorganic and Medicinal Chemistry, 2001, 9, 1625-1632.	3.0	18

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73	Effect of C-ring modifications in benzo[c]quinolizin-3-ones, new selective inhibitors of human 5Î±-reductase 1. Bioorganic and Medicinal Chemistry, 2001, 9, 1385-1393.	3.0	22
74	Stereoselective Meisenheimer rearrangement using BTAa's as chiral auxiliaries. Tetrahedron: Asymmetry, 2000, 11, 4227-4238.	1.8	23
75	Synthesis of 8-chloro-benzo[c]quinolizin-3-ones as potent and selective inhibitors of human steroid 5Î±-reductase 1. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 353-356.	2.2	19
76	Modification of the Aza-Robinson Annulation for the Synthesis of 4-Methyl-Benzo[c]quinolizin-3-ones, Potent Inhibitors of Steroid 5Î±-Reductase 1. Journal of Organic Chemistry, 2000, 65, 8093-8095.	3.2	27
77	Pd(0)-Catalyzed Cross-Coupling Reactions of Boron Derivatives with a Lactam-Derived N-Boc Enol Triflate. Organic Letters, 2000, 2, 1241-1242.	4.6	27
78	Benzo[c]quinolizin-3-ones:â€‰ A Novel Class of Potent and Selective Nonsteroidal Inhibitors of Human Steroid 5Î±-Reductase 1. Journal of Medicinal Chemistry, 2000, 43, 3718-3735.	6.4	31
79	Lyophilised yeasts: easy-to-handle biocatalysts for stereoselective reduction of ketones. Tetrahedron: Asymmetry, 1999, 10, 3515-3520.	1.8	34
80	19-Nor-10-azasteroids. 5.1A Synthetic Strategy for the Preparation of (+)-17-(3-Pyridyl)-(5Î²)-10-azaestra-1,16-dien-3-one, a Novel Potential Inhibitor for Human Cytochrome P45017Ì±(17Ì±-Hydroxylase/C17,20-lyase). Journal of Organic Chemistry, 1999, 64, 4985-4989.	3.2	27
81	A Short and Efficient Route to Enantiopure 3,5-Diarylpyrrolizidines. Journal of Organic Chemistry, 1999, 64, 1727-1732.	3.2	11
82	Synthesis and Reactivity of Bicycles Derived from Tartaric Acid and Î±-Amino Acids:Â A Novel Class of Conformationally Constrained Dipeptide Isosteres Based upon Enantiopure 3-Aza-6,8-dioxabicyclo[3.2.1]octane-7-carboxylic Acid. Journal of Organic Chemistry, 1999, 64, 7347-7364.	3.2	43
83	Microbial biotransformations in water/organic solvent system. Enantioselective reduction of aromatic Î²- and Î³-nitroketones. Tetrahedron: Asymmetry, 1998, 9, 1389-1394.	1.8	29
84	Synthesis of benzo[c]quinolizin-3-ones: Selective non-steroidal inhibitors of steroid 5Î±-reductase 1. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 2871-2876.	2.2	21
85	19-Nor-10-azasteroids:â€‰ A Novel Class of Inhibitors for Human Steroid 5Î±-Reductases 1 and 2. Journal of Medicinal Chemistry, 1997, 40, 1112-1129.	6.4	58
86	19-Nor-10-azasteroids, a New Class of Steroid 5Î±-Reductase Inhibitors. 2. X-ray Structure, Molecular Modeling, Conformational Analysis of 19-Nor-10-azasteroids and Comparison with 4-Azasteroids and 6-Azasteroids. Journal of Medicinal Chemistry, 1997, 40, 3466-3477.	6.4	26
87	Asymmetric hydrogenation of prochiral Î³-nitroketones by ruthenium complexes. Journal of Molecular Catalysis A, 1996, 110, 129-134.	4.8	3
88	Synthesis of enantiopure 2,7-diaryl-1,6-dioxaspiro[4.4]nonanes via enantioselective reduction of prochiral Î³-nitroketones by diisopinocampheylchloroborane (DIP-C1â„¢). Tetrahedron: Asymmetry, 1996, 7, 1929-1942.	1.8	9
89	Baker's yeast reduction of prochiral Î³-nitroketones. II.1 straightforward enantioselective synthesis of 2,7-dimethyl-1,6-dioxaspiro[4.4]nonanes. Tetrahedron: Asymmetry, 1995, 6, 2971-2976.	1.8	27
90	Baker's yeast reduction of prochiral Î³-nitroketones: Enantioselective synthesis of (S)-4-nitroalcohols. Tetrahedron, 1995, 51, 1775-1788.	1.9	24

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91	Enantioselective synthesis of indolizine derivatives by rearrangement-cyclization of isoxazoline-5-spirocyclopropanes. Tetrahedron, 1993, 49, 10629-10642.	1.9	19