Eva Falomir

List of Publications by Year
in descending order

77 papers	1,765 citations	257450 24 h-index	315739 38 g-index
92 all docs	92 docs citations	92 times ranked	2025 citing authors

#	Article	IF	Citations
1	New Ruthenium(II) CNC-Pincer Bis(carbene) Complexes:Â Synthesis and Catalytic Activity. Organometallics, 2003, 22, 1110-1114.	2.3	249
2	Stereoselective syntheses of naturally occurring 5,6-dihydropyran-2-ones. Tetrahedron, 2007, 63, 2929-2958.	1.9	114
3	Fabrication by Laser Irradiation in a Continuous Flow Jet of Carbon Quantum Dots for Fluorescence Imaging. ACS Omega, 2018, 3, 2735-2742.	3.5	93
4	Stereoselective Synthesis of Microcarpalide. Organic Letters, 2002, 4, 3447-3449.	4.6	70
5	Stereoselective synthesis of pachastrissamine (jaspine B). Tetrahedron, 2006, 62, 5421-5425.	1.9	47
6	Design and Synthesis of Pironetin Analogue/Colchicine Hybrids and Study of Their Cytotoxic Activity and Mechanisms of Interaction with Tubulin. Journal of Medicinal Chemistry, 2014, 57, 10391-10403.	6.4	46
7	Synthesis, Binding Properties, and Differences in Cell Uptake ofâ€…Câ€Quadruplex Ligands Based on Carbohydrate Naphthalene Diimide Conjugates. Chemistry - A European Journal, 2017, 23, 2157-2164.	3.3	45
8	Diastereoselective additions of organolithium reagents to the Cî—»N bond of protected erythrulose oxime ethers. Synthesis of enantiopure Î±,Î±-disubstituted Î±-aminiacids. Tetrahedron Letters, 1997, 38, 1841-1844.	1.4	40
9	Stereoselective Synthesis and Determination of the Cytotoxic Properties of Spicigerolide and Three of Its Stereoisomers. Journal of Organic Chemistry, 2003, 68, 5672-5676.	3.2	40
10	Design and synthesis of pironetin analogues with simplified structure and study of their interactions with microtubules. European Journal of Medicinal Chemistry, 2011, 46, 1630-1637.	5.5	35
11	Stereoselective Total Synthesis and Absolute Configuration of the Natural Decanolides (â^')-Microcarpalide and (+)-Lethaloxin. Identity of (+)-Lethaloxin and (+)-Pinolidoxin. Journal of Organic Chemistry, 2005, 70, 9822-9827.	3.2	34
12	Stereoselective synthesis of spicigerolide. Tetrahedron Letters, 2003, 44, 539-541.	1.4	33
13	Short, Stereoselective Synthesis of the Naturally Occurring Pyrrolidine Radicamine B and a Formal Synthesis of Nectrisine. Journal of Organic Chemistry, 2008, 73, 7779-7782.	3.2	33
14	Enantioselective synthesis and absolute configurations of aculeatins A, B, D, and 6-epi-aculeatin D. Tetrahedron, 2006, 62, 9641-9649.	1.9	32
15	Stereoselective Synthesis of the Glycosidase Inhibitor Australine through a One-Pot, Double-Cyclization Strategyâ€. Organic Letters, 2007, 9, 77-80.	4.6	32
16	Enantioselective synthesis and absolute configurations of aculeatins A and B. Tetrahedron Letters, 2005, 46, 8407-8410.	1.4	31
17	Synthesis and Biological Properties of the Cytotoxic 14â€Membered Macrolides Aspergillide A and B. Chemistry - A European Journal, 2011, 17, 675-688.	3.3	31
18	Double Diastereoselection in Aldol Reactions Mediated by Dicyclohexylchloroborane betweenl-Erythrulose Derivatives and Chiral Aldehydes. The Felkinâ^'Anh versus Cornforth Dichotomy. Journal of Organic Chemistry, 2003, 68, 8577-8582.	3.2	28

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19	Convergent, stereoselective syntheses of the glycosidase inhibitors broussonetines D and M. Organic and Biomolecular Chemistry, 2009, 7, 1355.	2.8	28
20	Imidazole and Imidazolium Antibacterial Drugs Derived from Amino Acids. Pharmaceuticals, 2020, 13, 482.	3.8	28
21	Stereoselective synthesis of anamarine. Tetrahedron, 2004, 60, 2979-2985.	1.9	27
22	Stereoselective syntheses of the glycosidase inhibitors hyacinthacine A2, hyacinthacine A3 and 5-epi-hyacinthacine A3. Tetrahedron, 2009, 65, 6965-6971.	1.9	27
23	Design and synthesis of pironetin analogue/combretastatin A-4 hybrids containing a 1,2,3-triazole ring and evaluation of their cytotoxic activity. European Journal of Medicinal Chemistry, 2014, 87, 125-130.	5.5	27
24	Cytotoxic, Antiangiogenic and Antitelomerase Activity of Glucosylâ€•and Acylâ€•Resveratrol Prodrugs and Resveratrol Sulfate Metabolites. ChemBioChem, 2016, 17, 1343-1348.	2.6	26
25	Preparation, properties and coordination of new conjugated ferrocenyl-based ligands with an end-capped nitrile. Journal of Organometallic Chemistry, 2000, 616, 80-88.	1.8	24
26	Inhibitory effect of cytotoxic stilbenes related to resveratrol on the expression of the VEGF, hTERT and c-Myc genes. European Journal of Medicinal Chemistry, 2015, 103, 488-496.	5.5	24
27	Synthesis and biological evaluation of truncated Î±-tubulin-binding pironetin analogues lacking alkyl pendants in the side chain or the dihydropyrone ring. Organic and Biomolecular Chemistry, 2013, 11, 5809.	2.8	22
28	Aldol Reactions between <scp>L</scp>â€Erythrulose Derivatives and Chiral Î±â€Amino and Î±â€Fluoro Aldehydes: Competition between Felkinâ€“Anh and Cornforth Transition States. Chemistry - A European Journal, 2008, 14, 9240-9254.	3.3	20
29	Inhibition of VEGF expression in cancer cells and endothelial cell differentiation by synthetic stilbene derivatives. Bioorganic and Medicinal Chemistry, 2013, 21, 3010-3015.	3.0	20
30	Stereoselective Anti Aldol Reactions of Erythrulose Derivatives. Functionalized Chirald3andd4Synthons. Journal of Organic Chemistry, 2004, 69, 1987-1992.	3.2	19
31	Interactions of long-chain homologues of colchicine with tubulin. European Journal of Medicinal Chemistry, 2017, 126, 526-535.	5.5	19
32	Erythrulose as a multifunctional chiron: Highly stereoselective boron aldol additions. Tetrahedron Letters, 1999, 40, 1065-1068.	1.4	18
33	Double Diastereoselection in Aldol Reactions Mediated by Dicyclohexylchloroborane between Chiral Aldehydes and a Chiral Ethyl Ketone Derived froml-Erythrulose. Synthesis of a C1â€"C9Fragment of the Structure of the Antifungal Metabolite Soraphen A1Î±. Journal of Organic Chemistry, 2005, 70, 8130-8139.	3.2	18
34	Synthesis and biological evaluation of carbamates derived from aminocombretastatin A-4 as vascular disrupting agents. European Journal of Medicinal Chemistry, 2018, 147, 183-193.	5.5	18
35	Synthesis and biological evaluation of simplified pironetin analogues with modifications in the side chain and the lactone ring. Organic and Biomolecular Chemistry, 2017, 15, 220-232.	2.8	17
36	Erythrulose derivatives as functionalized chiral d3 and d4 synthons. Tetrahedron: Asymmetry, 2002, 13, 2317-2327.	1.8	16

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37	Stereoselective addition of organometallic reagents to a chiral acyclic nitrone derived from l-erythrulose. Tetrahedron: Asymmetry, 2005, 16, 1807-1816.	1.8	16
38	Stereoselective Synthesis of the Naturally Occurring 2â€Pyranone Dodoneine. European Journal of Organic Chemistry, 2008, 2008, 4015-4018.	2.4	16
39	Convergent, stereoselective syntheses of the glycosidase inhibitors broussonetines C, O and P. Tetrahedron, 2009, 65, 10612-10616.	1.9	16
40	Diastereoselective additions of organolithium and organomagnesium reagents to the Cî—»N bond of a chiral, cyclic nitrone derived from erythrulose. Tetrahedron Letters, 1998, 39, 3237-3240.	1.4	15
41	Synthesis of combretastatin A-4 O-alkyl derivatives and evaluation of their cytotoxic, antiangiogenic and antitelomerase activity. Bioorganic and Medicinal Chemistry, 2013, 21, 7267-7274.	3.0	15
42	Boron aldol additions with erythrulose derivatives: dependence of stereoselectivity on the type of protecting group. Tetrahedron Letters, 1999, 40, 6845-6848.	1.4	14
43	Design and Synthesis of Pironetin Analogue/Combretastatin Aâ€4 Hybrids and Evaluation of Their Cytotoxic Activity. European Journal of Organic Chemistry, 2014, 2014, 2284-2296.	2.4	13
44	Influence of the protecting groups on the syn/anti stereoselectivity of boron aldol additions with erythrulose derivatives. A theoretical and experimental study. Tetrahedron, 2002, 58, 9697-9707.	1.9	12
45	Selective cleavage of acetals with ZnBr2 in dichloromethane. Tetrahedron, 2006, 62, 1239-1244.	1.9	12
46	Chlorodicyclohexylborane-Mediated Aldol Additions of Î±,Î±â€˜-Dioxygenated Ketones. Organic Letters, 2001, 3, 901-904.	4.6	11
47	Synthesis of honokiol analogues and evaluation of their modulating action on <scp>VEGF</scp> protein secretion and telomeraseâ€related gene expressions. Chemical Biology and Drug Design, 2017, 89, 577-584.	3.2	11
48	Effects on tubulin polymerization and down-regulation of c-Myc, hTERT and VEGF genes by colchicine haloacetyl and haloaroyl derivatives. European Journal of Medicinal Chemistry, 2018, 150, 591-600.	5.5	11
49	Inhibitory effect of pironetin analogue/colchicine hybrids on the expression of the VEGF, hTERT and c-Myc genes. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3194-3198.	2.2	10
50	Synthesis and biological evaluation as antiangiogenic agents of ureas derived from 3â€²-aminocombretastatin A-4. European Journal of Medicinal Chemistry, 2019, 162, 781-792.	5.5	10
51	Synthesis of Î±,Î±-Disubstituted Î±-Amino Acid Derivatives in Enantiopure Form via Stereoselective Addition of Grignard Reagents to a Chiral Acyclic Nitrone Derived from L-Erythrulose. Synlett, 2002, 2002, 0711-0714.	1.8	9
52	Inhibitory effect of cytotoxic nitrogen-containing heterocyclic stilbene analogues on VEGF protein secretion and VEGF, hTERT and c-Myc gene expression. MedChemComm, 2015, 6, 1809-1815.	3.4	9
53	Synthesis and evaluation of biphenyl derivatives as potential downregulators of VEGF protein secretion and telomerase-related gene expressions. Bioorganic and Medicinal Chemistry, 2016, 24, 3108-3115.	3.0	9
54	Stereoselective synthesis of syn-Î±-methyl-Î²-hydroxy esters. Tetrahedron: Asymmetry, 2000, 11, 3211-3220.	1.8	8

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55	Stereoselective synthesis of ent-communiols Aâ€“C. Tetrahedron Letters, 2005, 46, 8199-8202.	1.4	8
56	Synthesis and Biological Evaluation of Î±â€²Tubulinâ€Binding Pironetin Analogues with Enhanced Lipophilicity. European Journal of Organic Chemistry, 2013, 2013, 1116-1123.	2.4	8
57	Arylureas derived from colchicine: Enhancement of colchicine oncogene downregulation activity. European Journal of Medicinal Chemistry, 2018, 150, 817-828.	5.5	8
58	Novel multitarget inhibitors with antiangiogenic and immunomodulator properties. European Journal of Medicinal Chemistry, 2019, 170, 87-98.	5.5	8
59	Aryl Urea Based Scaffolds for Multitarget Drug Discovery in Anticancer Immunotherapies. Pharmaceuticals, 2021, 14, 337.	3.8	8
60	One drug for two targets: Biological evaluation of antiretroviral agents endowed with antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 2502-2505.	2.2	8
61	Synthesis and Biological Evaluation of Small Molecules as Potential Anticancer Multitarget Agents. International Journal of Molecular Sciences, 2022, 23, 7049.	4.1	8
62	The Mechanism of the Interactions of Pironetin Analog/Combretastatin Aâ€4 Hybrids with Tubulin. Archiv Der Pharmazie, 2015, 348, 541-547.	4.1	7
63	Effects of Curcuminoid Pyrazoles on Cancer Cells and on the Expression of Telomerase Related Genes. Archiv Der Pharmazie, 2016, 349, 532-538.	4.1	7
64	Non-Polymeric Nanogels as Versatile Nanocarriers: Intracellular Transport of the Photosensitizers Rose Bengal and Hypericin for Photodynamic Therapy. ACS Applied Bio Materials, 2021, 4, 3658-3669.	4.6	7
65	Double diastereoselection in anti aldol reactions mediated by dicyclohexylchloroborane between an l-erythrulose derivative and chiral aldehydes. Organic and Biomolecular Chemistry, 2012, 10, 6937.	2.8	6
66	Synthesis and biological evaluation of cyclic derivatives of combretastatin A-4 containing group 14 elements. Organic and Biomolecular Chemistry, 2018, 16, 5859-5870.	2.8	6
67	Synthesis and Biological Evaluation of Imines Structurally Related to Resveratrol as Dual Inhibitors of VEGF Protein Secretion andhTERTGene Expression¹. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	5
68	Synthesis of Combretastatin A-4 and 3â€²-Aminocombretastatin A-4 derivatives with Aminoacid Containing Pendants and Study of their Interaction with Tubulin and as Downregulators of the VEGF, hTERT and c-Myc Gene Expression. Molecules, 2020, 25, 660.	3.8	5
69	New N,C-Diaryl-1,2,4-triazol-3-ones: Synthesis and Evaluation as Anticancer Agents. Medicinal Chemistry, 2019, 15, 360-372.	1.5	5
70	Structureâ€“antitumor activity relationships of tripodal imidazolium-amino acid based salts. Effect of the nature of the amino acid, amide substitution and anion. Organic and Biomolecular Chemistry, 2021, 19, 10575-10586.	2.8	4
71	Selfâ€Assembled Nanofibrilar Networks: Boosting Hydrogelation Efficiency by Replacement of a Pyridine Moiety by a Quinoline One. ChemNanoMat, 2018, 4, 769-771.	2.8	3
72	Arylpyridines, arylpyrimidines and related compounds as potential modulator agents of the VEGF, hTERT and c-Myc oncogenes. Bioorganic and Medicinal Chemistry, 2019, 27, 880-887.	3.0	3

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73	Synthesis of N-acyl Derivatives of Aminocombretastatin A-4 and Study of their Interaction with Tubulin and Downregulation of c-Myc. Medicinal Chemistry, 2021, 17, 1129-1139.	1.5	2
74	A formal, stereoselective synthesis of the natural tetrahydropyran derivative ophiocerin D. Tetrahedron: Asymmetry, 2010, 21, 425-428.	1.8	1
75	The Stereoselective Synthesis of the Nonnatural Enantiomers of Communiols A-C. A Stereochemical Correction. Natural Product Communications, 2006, 1, 1934578X0600100.	0.5	0
76	Colchicine: The Cinderella Of Anticancer Drugs. , 2018, , .		0
77	N-alpha-Aminoacyl Colchicines as Promising Anticancer Agents. Medicinal Chemistry, 2020, 17, 21-32.	1.5	0