

# Vicente Marchán

## List of Publications by Year in descending order

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57  
papers

1,651  
citations

279487

23  
h-index

301761

39  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocontrolled DNA Binding of a Receptor-Targeted Organometallic Ruthenium(II) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 14098-14108.	6.6	170
2	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir <sup>III</sup> Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6311-6315.	7.2	142
3	An integrin-targeted photoactivatable Pt(IV) complex as a selective anticancer pro-drug: synthesis and photoactivation studies. <i>Chemical Communications</i> , 2015, 51, 9169-9172.	2.2	101
4	Redesigning the Coumarin Scaffold into Small Bright Fluorophores with Far-Red to Near-Infrared Emission and Large Stokes Shifts Useful for Cell Imaging. <i>Journal of Organic Chemistry</i> , 2018, 83, 1185-1195.	1.7	90
5	Integrin-targeted delivery into cancer cells of a Pt(IV) pro-drug through conjugation to RGD-containing peptides. <i>Dalton Transactions</i> , 2015, 44, 202-212.	1.6	67
6	Diels-Alder cycloadditions in water for the straightforward preparation of peptide-oligonucleotide conjugates. <i>Nucleic Acids Research</i> , 2006, 34, e24-e24.	6.5	59
7	Development of Green/Red-Absorbing Chromophores Based on a Coumarin Scaffold That Are Useful as Caging Groups. <i>Journal of Organic Chemistry</i> , 2017, 82, 5398-5408.	1.7	58
8	Towards a Better Understanding of the Cisplatin Mode of Action. <i>Chemistry - A European Journal</i> , 2001, 7, 808-815.	1.7	55
9	Multivariate Curve Resolution Applied to the Analysis and Resolution of Two-Dimensional [ <sup>1</sup> H, <sup>15</sup> N] NMR Reaction Spectra. <i>Analytical Chemistry</i> , 2004, 76, 7094-7101.	3.2	55
10	Somatostatin Subtype-2 Receptor-Targeted Metal-Based Anticancer Complexes. <i>Bioconjugate Chemistry</i> , 2012, 23, 1838-1855.	1.8	55
11	Somatostatin receptor-targeted organometallic iridium(III) complexes as novel theranostic agents. <i>Chemical Communications</i> , 2017, 53, 5523-5526.	2.2	53
12	A Green Light-Triggerable RGD Peptide for Photocontrolled Targeted Drug Delivery: Synthesis and Photolysis Studies. <i>Journal of Organic Chemistry</i> , 2016, 81, 11556-11564.	1.7	43
13	Towards nucleopeptides containing any trifunctional amino acid. <i>Tetrahedron</i> , 1999, 55, 13251-13264.	1.0	38
14	Identification of Ligands for the Tau Exon 10 Splicing Regulatory Element RNA by Using Dynamic Combinatorial Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 1946-1953.	1.7	34
15	Conjugation of a Ru(II) Arene Complex to Neomycin or to Guanidinoneomycin Leads to Compounds with Differential Cytotoxicities and Accumulation between Cancer and Normal Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 1964-1976.	2.3	34
16	Thermolytic Carbonates for Potential 5'-Hydroxyl Protection of Deoxyribonucleosides. <i>Journal of Organic Chemistry</i> , 2003, 68, 10003-10012.	1.7	32
17	COUPY Coumarins as Novel Mitochondria-Targeted Photodynamic Therapy Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17209-17220.	2.9	30
18	High Photostability in Nonconventional Coumarins with Far-Red/NIR Emission through Azetidinyll Substitution. <i>Journal of Organic Chemistry</i> , 2018, 83, 11519-11531.	1.7	28

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19	Towards Novel Photodynamic Anticancer Agents Generating Superoxide Anion Radicals: A Cyclometalated Ir <sup>III</sup> Complex Conjugated to a Far-Red Emitting Coumarin. <i>Angewandte Chemie</i> , 2019, 131, 6377-6381.	1.6	28
20	Towards nucleopeptides containing any trifunctional amino acid (II). <i>Tetrahedron</i> , 2002, 58, 6965-6978.	1.0	27
21	A Photoactivatable Platinum(IV) Anticancer Complex Conjugated to the RNA Ligand Guanidinoneomycin. <i>Chemistry - A European Journal</i> , 2015, 21, 18474-18486.	1.7	27
22	Solid-phase synthesis and DNA binding studies of dichloroplatinum(ii) conjugates of dicarba analogues of octreotide as new anticancer drugs. <i>Chemical Communications</i> , 2009, , 4705.	2.2	25
23	Insights into the Reaction of Transplatin with DNA and Proteins: Methionine-Mediated Formation of Histidine-Guaninetrans-Pt(NH <sub>3</sub> ) <sub>2</sub> Cross-Links. <i>Chemistry - A European Journal</i> , 2004, 10, 5369-5375.	1.7	24
24	Modulating Photostability and Mitochondria Selectivity in Far-Red/NIR Emitting Coumarin Fluorophores through Replacement of Pyridinium by Pyrimidinium. <i>Journal of Organic Chemistry</i> , 2020, 85, 6086-6097.	1.7	23
25	Sequential Uncaging with Green Light can be Achieved by Fine-Tuning the Structure of a Dicyanocoumarin Chromophore. <i>ChemistryOpen</i> , 2017, 6, 375-384.	0.9	23
26	Solid-Phase Approaches for Labeling Targeting Peptides with Far-Red Emitting Coumarin Fluorophores. <i>Journal of Organic Chemistry</i> , 2019, 84, 1808-1817.	1.7	22
27	Alternative Procedures for the Synthesis of Methionine-Containing Peptide~Oligonucleotide Hybrids. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2495-2500.	1.2	21
28	AN IMPROVED SYNTHESIS OF N-[(9-HYDROXYMETHYL)-2-FLUORENYL]SUCCINAMIC ACID (HMFS), A VERSATILE HANDLE FOR THE SOLID-PHASE SYNTHESIS OF BIOMOLECULES. <i>Synthetic Communications</i> , 2001, 31, 225-232.	1.1	21
29	Selective Platination of Modified Oligonucleotides and Duplex Cross-Links. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8194-8197.	7.2	18
30	Synthesis of Janus Compounds for the Recognition of G-U Mismatched Nucleobase Pairs. <i>Journal of Organic Chemistry</i> , 2013, 78, 10666-10677.	1.7	18
31	Conceptual "Heat-Driven" Approach to the Synthesis of DNA Oligonucleotides on Microarrays. <i>Annals of the New York Academy of Sciences</i> , 2003, 1002, 1-11.	1.8	17
32	Solution Structure and Stability of Tryptophan-Containing Nucleopeptide Duplexes. <i>ChemBioChem</i> , 2003, 4, 40-49.	1.3	16
33	Efficient siRNA-peptide conjugation for specific targeted delivery into tumor cells. <i>Chemical Communications</i> , 2017, 53, 2870-2873.	2.2	16
34	A Cyclometalated Ir <sup>III</sup> Complex Conjugated to a Coumarin Derivative Is a Potent Photodynamic Agent against Prostate Differentiated and Tumorigenic Cancer Stem Cells. <i>Chemistry - A European Journal</i> , 2021, 27, 8547-8556.	1.7	16
35	Toward Angiogenesis Inhibitors Based on the Conjugation of Organometallic Platinum(II) Complexes to RGD Peptides. <i>ChemMedChem</i> , 2018, 13, 1755-1762.	1.6	14
36	Improving Photodynamic Therapy Anticancer Activity of a Mitochondria-Targeted Coumarin Photosensitizer Using a Polyurethane-Polyurea Hybrid Nanocarrier. <i>Biomacromolecules</i> , 2022, 23, 2900-2913.	2.6	14

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37	Transformation of COUPY Fluorophores into a Novel Class of Visible-Light-Cleavable Photolabile Protecting Groups. <i>Chemistry - A European Journal</i> , 2020, 26, 16222-16227.	1.7	13
38	Use of Dimethyldioxirane for the Oxidation of 1,2-Dithiolan-3-ones to 1-Oxides or 1,1-Dioxides. Preparation of 3H-1,2-Benzodithiol-3-one 1,1-Dioxide (Beaucage Sulfurizing Reagent). <i>Synthesis</i> , 1999, 1999, 43-45.	1.2	12
39	Stabilization of DNA duplexes by covalently-linked peptides. <i>Tetrahedron</i> , 2004, 60, 5461-5469.	1.0	12
40	Polyurethane-polyurea hybrid nanocapsules as efficient delivery systems of anticancer Ir(III) metallodrugs. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2123-2138.	3.0	11
41	Incorporation of two modified nucleosides allows selective platination of an oligonucleotide making it suitable for duplex cross-linking. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 901-911.	1.1	9
42	2,2,5,5-Tetramethylpyrrolidin-3-one-1-sulfinyl Group for 5'-Hydroxyl Protection of Deoxyribonucleoside Phosphoramidites in the Solid-Phase Preparation of DNA Oligonucleotides. <i>Journal of the American Chemical Society</i> , 2004, 126, 9601-9610.	6.6	8
43	Exploring the effect of aminoglycoside guanidinylation on ligands for Tau exon 10 splicing regulatory element RNA. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9243.	1.5	8
44	Ametantrone-based compounds as potential regulators of Tau pre-mRNA alternative splicing. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 452-464.	1.5	8
45	Diels-Alder cycloadditions in water for the straightforward preparation of peptide-oligonucleotide conjugates. <i>Nucleic Acids Research</i> , 2006, 34, 1668-1668.	6.5	7
46	A simple method for the synthesis of N-difluoromethylated pyridines and 4-pyridones/quinolones by using BrCF <sub>2</sub> COOEt as the difluoromethylation reagent. <i>RSC Advances</i> , 2020, 10, 29829-29834.	1.7	7
47	Unexpected photoactivation pathways in a folate-receptor-targeted trans-diazo Pt(IV) anticancer pro-drug. <i>Dalton Transactions</i> , 2020, 49, 11828-11834.	1.6	7
48	A versatile click chemistry-based approach for functionalizing biomaterials of diverse nature with bioactive peptides. <i>Chemical Communications</i> , 2021, 57, 982-985.	2.2	7
49	Preparation of Ribonuclease S Domain-Swapped Dimers Conjugated with DNA and PNA: Modulating the Activity of Ribonucleases. <i>Bioconjugate Chemistry</i> , 2008, 19, 263-270.	1.8	5
50	Synthesis and Tau RNA Binding Evaluation of Ametantrone-Containing Ligands. <i>Journal of Organic Chemistry</i> , 2015, 80, 2155-2164.	1.7	5
51	Solution structure and stability of a disulfide cross-linked nucleopeptide duplex. <i>Chemical Communications</i> , 2003, , 2558-2559.	2.2	4
52	Linking the 3' Ends of Oligonucleotide Duplexes with Cystine Disulfide Bridges. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 958-963.	1.2	3
53	Stepwise Solid-Phase Synthesis of Nucleopeptides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2007, 31, Unit 4.22.	0.5	3
54	Synthesis of Peptide-Oligonucleotide Conjugates by Diels-Alder Cycloaddition in Water. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2007, 31, Unit 4.32.	0.5	3

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55	Stepwise Solid-Phase Synthesis of Nucleopeptides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2004, 16, 4.22.1.	0.5	2
56	The Stepwise Solid-Phase Synthesis Methodology is Suitable for the Preparation of a Great Variety of Nucleopeptides. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 1493-1494.	0.5	1
57	Frontispiece: Transformation of COUPY Fluorophores into a Novel Class of Visible-Light-Cleavable Photolabile Protecting Groups. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0