

# Roberto Romeo

## List of Publications by Year in descending order

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107  
docs citations

107  
times ranked

2679  
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#	ARTICLE	IF	CITATIONS
1	Ruthenium Tetroxide Oxidation of N-Methyl-Isoxazolidine: Computational Mechanistic Study. Arabian Journal of Chemistry, 2022, , 104063.	4.9	1
2	Synthesis and Biological Evaluation of 2,3,4-Triaryl-1,2,4-oxadiazol-5-ones as p38 MAPK Inhibitors. Molecules, 2021, 26, 1745.	3.8	3
3	Base-Free Copper-Catalyzed Azide-Alkyne Click Cycloadditions (CuAAC) in Natural Deep Eutectic Solvents as Green and Catalytic Reaction Media**. European Journal of Organic Chemistry, 2021, 2021, 4777-4789.	2.4	25
4	Functionalized polyhedral oligosilsesquioxane (POSS) based composites for bone tissue engineering: synthesis, computational and biological studies. RSC Advances, 2020, 10, 11325-11334.	3.6	18
5	Pyridine and Pyrimidine Derivatives as Privileged Scaffolds in Biologically Active Agents. Current Medicinal Chemistry, 2020, 26, 7166-7195.	2.4	78
6	Oxazole-Based Compounds As Anticancer Agents. Current Medicinal Chemistry, 2020, 26, 7337-7371.	2.4	30
7	Pyrimidine 2,4-Diones in the Design of New HIV RT Inhibitors. Molecules, 2019, 24, 1718.	3.8	28
8	1,2,4-Oxadiazole-5-ones as analogues of tamoxifen: synthesis and biological evaluation. Organic and Biomolecular Chemistry, 2019, 17, 4892-4905.	2.8	16
9	Synthesis and thermotropic properties of new green electrochromic ionic liquid crystals. New Journal of Chemistry, 2019, 43, 18285-18293.	2.8	22
10	Graphene quantum dots for cancer targeted drug delivery. International Journal of Pharmaceutics, 2017, 518, 185-192.	5.2	268
11	Removal of heavy metal ions from wastewaters using dendrimer-functionalized multi-walled carbon nanotubes. Environmental Science and Pollution Research, 2017, 24, 14735-14747.	5.3	45
12	Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. Nature Communications, 2017, 8, 830.	12.8	184
13	Synthesis of spiro[isindole-1,5-isoxazolidin]-3(2H)-ones as potential inhibitors of the MDM2-p53 interaction. Beilstein Journal of Organic Chemistry, 2016, 12, 2793-2807.	2.2	23
14	Intramolecular oxidative palladium-catalyzed diamination reactions of alkenyl sulfamates: an efficient synthesis of [1,2,5]thiadiazolo-fused piperazinones. RSC Advances, 2016, 6, 57521-57529.	3.6	7
15	A new microwave-assisted thionation-heterocyclization process leading to benzo[c]thiophene-1(3H)-thione and 1H-isothiochromene-1-thione derivatives. RSC Advances, 2016, 6, 20777-20780.	3.6	10
16	1,2,3-Triazole/MWCNT conjugates as filler for gelcoat nanocomposites: new active antibiofouling coatings for marine application. Materials Research Express, 2015, 2, 115001.	1.6	11
17	C-5-Triazolyl-2-oxa-3-aza-4-carbanucleosides: Synthesis and biological evaluation. Beilstein Journal of Organic Chemistry, 2015, 11, 328-334.	2.2	22
18	Synthesis and Biological Properties of 5-(1H-1,2,3-Triazol-4-yl)isoxazolidines: A New Class of C-Nucleosides. Molecules, 2015, 20, 5260-5275.	3.8	23

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19	5-(3-Phosphonated 1H-1,2,3-triazol-4-yl)isoxazolidines: synthesis, DFT studies and biological properties. <i>Arkivoc</i> , 2015, 2015, 253-269.	0.5	4
20	Enantiomerically Pure Phosphonated Carbocyclic 2'-Oxa-3'-Azanucleosides: Synthesis and Biological Evaluation. <i>Molecules</i> , 2014, 19, 14406-14416.	3.8	11
21	Selective COX-2 Inhibitory Properties of Dihydrostilbenes from Liquorice Leavesâ€“ <i>In Vitro</i> Assays and Structure/Activity Relationship Study. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	8
22	3,4-DHPEA-EA from <i>Olea Europaea</i> L. is effective against standard and clinical isolates of <i>Staphylococcus</i> sp. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 24.	3.8	17
23	Synthesis and Biological Activity of Triazoleâ€“Appended N,Oâ€“Nucleosides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5442-5447.	2.4	17
24	Synthesis and biological activity of new arenediynes-linked isoxazolidines. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3379-3385.	3.0	22
25	Synthesis and biological evaluation of furopyrimidine N,O-nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5688-5693.	3.0	22
26	Synthesis and biological evaluation of 3-hydroxymethyl-5-(1H-1,2,3-triazol) isoxazolidines. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7929-7937.	3.0	26
27	Stereoselective 1,3-dipolar cycloadditions of nitrones derived from amino acids. Asymmetric synthesis of N-(alkoxycarbonylmethyl)-3-hydroxypyrrolidin-2-ones. <i>Tetrahedron</i> , 2013, 69, 9381-9390.	1.9	11
28	The High Selectivity of the Cp2ZrHCl Reducing Agent for Imides: A Combined Experimental and Theoretical Study on $\beta$ -Lactam and Isoxazolidinone Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 95-104.	2.4	9
29	Truncated Reverse Isoxazolidinyl Nucleosides: A New Class of Allosteric HIVâ€“1 Reverse Transcriptase Inhibitors. <i>ChemMedChem</i> , 2012, 7, 565-569.	3.2	27
30	Truncated phosphonated C-1â€“2-branched N,O-nucleosides: A new class of antiviral agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3652-3657.	3.0	24
31	Antiviral activity of seed extract from <i>Citrus bergamia</i> towards human retroviruses. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2084-2089.	3.0	60
32	Synthesis of 5â€“Alkynyl Isoxazolidinyl Nucleosides. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5690-5695.	2.4	19
33	Isoxazolidinyl polycyclic aromatic hydrocarbons as DNA-intercalating antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 129-136.	5.5	48
34	Formation of 3-Aminofuran-2-(5H)-ones and 3-Amino-1H-pyrrole-2,5-diones by Rearrangement of Isoxazolidines. <i>Synlett</i> , 2011, 2011, 245-248.	1.8	2
35	Synthesis of C-4â€“2-Truncated Phosphonated Carbocyclic 2â€“2-Oxa-3â€“2-azanucleosides as Antiviral Agents. <i>Journal of Organic Chemistry</i> , 2010, 75, 2798-2805.	3.2	54
36	Determination of Oxygen Heterocyclic Components in Citrus Products by HPLC with UV Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6543-6551.	5.2	57

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37	Synthesis of N,O- homonucleosides with high conformational freedom. <i>Arkivoc</i> , 2009, 2009, 168-176.	0.5	6
38	3-Amino-2(5H)furanones as inhibitors of subgenomic hepatitis C virus RNA replication. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9610-9615.	3.0	12
39	MW-assisted Er(OTf) <sub>3</sub> -catalyzed mild cleavage of isopropylidene acetals in Tricky substrates. <i>Tetrahedron Letters</i> , 2008, 49, 1961-1964.	1.4	30
40	Effect of Phosphonated Carbocyclic 2'-Oxa-3'-Aza-Nucleoside on Human T-Cell Leukemia Virus Type 1 Infection In Vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 54-64.	3.2	33
41	Chiral Synthesis of Heterosubstituted Nucleoside Analogs from Noncarbohydrate Precursors. <i>Current Organic Chemistry</i> , 2007, 11, 1017-1032.	1.6	9
42	Chiral Synthesis of Carbocyclic Nucleoside Analogs from Noncarbohydrate Precursors. <i>Current Organic Chemistry</i> , 2007, 11, 999-1016.	1.6	20
43	Phosphonated Carbocyclic 2'-Oxa-3'-azanucleosides as New Antiretroviral Agents. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3747-3750.	6.4	49
44	First Example of Direct RuO <sub>4</sub> -Catalyzed Oxidation of Isoxazolidines to 3-Isoxazolidones. <i>Journal of Organic Chemistry</i> , 2007, 72, 3958-3960.	3.2	18
45	A Novel Class of Modified Nucleosides: Synthesis of Alkylidene Isoxazolidinyl Nucleosides Containing Thymine. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1517-1521.	2.4	23
46	Synthesis of Methyleneisoxazolidine Nucleoside Analogues by Microwave-Assisted Nitronc Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4758-4764.	2.4	20
47	Synthesis of 4'-thionucleosides by 1,3-dipolar cycloadditions of the simplest thiocarbonyl ylide with alkenes bearing electron-withdrawing groups. <i>Tetrahedron Letters</i> , 2007, 48, 4915-4918.	1.4	15
48	Synthesis and Biological Activity of Isoxazolidinyl Polycyclic Aromatic Hydrocarbons: A Potential DNA Intercalators. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 709-715.	6.4	74
49	Synthesis and biological evaluation of phosphonated carbocyclic 2'-oxa-3'-aza-nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 955-959.	3.0	31
50	Synthesis and biological evaluation of phosphonated dihydroisoxazole nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3818-3824.	3.0	21
51	Phenolic components of <i>Olea europea</i> : Isolation of new tyrosol and hydroxytyrosol derivatives. <i>Food Chemistry</i> , 2006, 95, 562-565.	8.2	26
52	Synthesis and Biological Activity of Phosphonated Nucleosides: Part 1 Furanose, Carbocyclic and Heterocyclic Analogues. <i>Current Medicinal Chemistry</i> , 2006, 13, 3675-3695.	2.4	64
53	From Amino Acids to Enantiopure Bicyclic Isoxazolidinylpyridin-4(1H)-ones through Intramolecular Nitronc Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2368-2373.	2.4	7
54	Synthesis of Phosphonated Carbocyclic 2'-Oxa-3'-aza-nucleosides: A Novel Inhibitors of Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1389-1394.	6.4	72

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55	Synthesis of pyrimidine-containing 3-aminobutenolides. <i>Tetrahedron</i> , 2004, 60, 6593-6596.	1.9	4
56	4- $\beta$ -C-Branched N,O-nucleosides: synthesis and biological properties. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3903-3909.	3.0	10
57	Diastereoselective synthesis of homo-N,O-nucleosides. <i>Tetrahedron</i> , 2004, 60, 441-448.	1.9	29
58	Steric course of some cyclopropanation reactions of L-threo-hex-4-enopyranosides. <i>Tetrahedron</i> , 2004, 60, 3787-3795.	1.9	12
59	Syntheses of New Chiral Bicyclic Sultams and Their Use as Auxiliaries in Asymmetric Conjugate Addition of Grignard Reagents.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
60	Enantioselective Syntheses and Cytotoxicity of N,O-Nucleosides. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3696-3702.	6.4	70
61	Highly Efficient and Versatile Acetylation of Alcohols Catalyzed by Cerium(III) Triflate.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
62	Highly efficient and versatile acetylation of alcohols catalyzed by cerium(III) triflate. <i>Tetrahedron Letters</i> , 2003, 44, 5621-5624.	1.4	111
63	Isoxazolidine analogues of pseudouridine: a new class of modified nucleosides. <i>Tetrahedron</i> , 2003, 59, 4733-4738.	1.9	42
64	Diastereo- and enantioselective synthesis of N,O-nucleosides. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2717-2723.	1.8	33
65	New Rearrangement of 4-Isoxazoline System: $\beta$ Conversion of Ketones into $\beta$ -Unsaturated Amides. <i>Journal of Organic Chemistry</i> , 2003, 68, 3718-3720.	3.2	21
66	Enantioselective synthesis of isoxazolidinyl nucleosides containing uracil, 5-fluorouracil, thymine and cytosine as new potential anti-HIV drugs. <i>Arkivoc</i> , 2003, 2002, 159-167.	0.5	8
67	A Convenient Method for the Synthesis of N-Vinyl Derivatives of Nucleobases. <i>Synthesis</i> , 2002, 2002, 0172.	2.3	17
68	Diastereoselective Synthesis of N,O-Psiconucleosides, a New Class of Modified Nucleosides. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1206-1212.	2.4	26
69	Experimental and theoretical study of the 1,3-dipolar cycloaddition between d-glyceraldehyde nitrones and acrylates. Diastereoselective approach to 4-hydroxy pyroglutamic acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 173-190.	1.8	46
70	Syntheses of new chiral bicyclic sultams and their use as auxiliaries in asymmetric conjugate addition of Grignard reagents. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1915-1921.	1.8	14
71	Modified nucleosides. A general and diastereoselective approach to N,O-psiconucleosides. <i>Tetrahedron</i> , 2002, 58, 581-587.	1.9	36
72	Intramolecular Cycloadditions of $\beta$ -Allyloxycarbonylnitrones: $\beta$ Stereoselective Synthesis of 3-Amino-2(5H)furanones. <i>Journal of Organic Chemistry</i> , 2002, 67, 4380-4383.	3.2	20

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73	Diastereoselective synthesis of N,O-psiconucleosides via 1,3-dipolar cycloadditions. <i>Tetrahedron Letters</i> , 2001, 42, 1777-1780.	1.4	38
74	Structural characterization of isoxazolidinyl nucleosides by fast atom bombardment tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1220-1225.	1.6	7
75	A Stereoselective Approach to Isoxazolidinyl Nucleosides. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1893-1898.	2.4	30
76	Radical-based reduction of phosphine sulfides and phosphine selenides by (Me <sub>3</sub> Si) <sub>3</sub> SiH. <i>Tetrahedron Letters</i> , 2000, 41, 9899-9902.	1.4	40
77	Diastereoselective and enantioselective synthesis of 4-aza analogues of 2,3-dideoxynucleosides. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2045-2048.	1.8	34
78	The PdCl <sub>2</sub> /R <sub>3</sub> SiH system for the silylation of nucleosides. <i>Tetrahedron Letters</i> , 1999, 40, 1197-1200.	1.4	20
79	Homochiral $\hat{1}$ -d- and $\hat{2}$ -d-Isoxazolidinylthymidines via 1,3-Dipolar Cycloaddition. <i>Journal of Organic Chemistry</i> , 1999, 64, 9321-9327.	3.2	58
80	Stereoselective Synthesis of Enantiomerically Pure Isoxa-zolidine-fused d-Lactams. <i>Heterocycles</i> , 1999, 51, 37.	0.7	5
81	Synthesis and characterization in solid and solution of trans-dichloro-1-(2,6-difluorophenyl)-1H,3H-thiazolo[3,4-a]-benzimidazole(tri-n-propyl-phosphine)-palladium(II): A palladium(II) complex of a ligand with anti-HIV properties. <i>Journal of Inorganic Biochemistry</i> , 1997, 65, 97-102.	3.5	5
82	Stereoselective synthesis of isoxazole and pyrazole annulated sultams via intramolecular 1,3-dipolar cycloaddition reactions. <i>Tetrahedron</i> , 1997, 53, 13855-13866.	1.9	20
83	The role of the hydrogen bonding in cycloadditions of benzonitrile oxide with cyanophenols. <i>Tetrahedron</i> , 1996, 52, 7885-7892.	1.9	11
84	Modified dideoxynucleosides: Synthesis of 2-N-alkyl-3-hydroxyalkyl-1-isoxazolidinyl thymidine and 5-fluorouridine derivatives. <i>Tetrahedron</i> , 1996, 52, 8889-8898.	1.9	39
85	An asymmetric approach to pyrrolidinone and pyrrolizidinone systems by intramolecular oxime-olefin cycloaddition. <i>Tetrahedron</i> , 1996, 52, 7875-7884.	1.9	34
86	Intramolecular nitron cycloaddition: Stereoselective synthesis of piperidine systems. <i>Tetrahedron</i> , 1996, 52, 14311-14322.	1.9	7
87	Intramolecular nitrile oxide cycloaddition (INOC) of substituted amido-oximes. <i>Tetrahedron</i> , 1996, 52, 14323-14334.	1.9	14
88	Ring-opening of isoxazolidine nucleus: Competitive formation of $\hat{1}$ , $\hat{2}$ -enones and tetrahydro-1,3-oxazines. <i>Tetrahedron</i> , 1995, 51, 2979-2990.	1.9	25
89	$\hat{1}$ -Amino acids as chiral educts for stereoselective syntheses of pyrrolidine and pyrrolizidine systems. <i>Tetrahedron</i> , 1995, 51, 5689-5700.	1.9	38
90	Ring opening of the isoxazolidine system: A new synthesis of 3-amino-2(5H)furanones. <i>Tetrahedron</i> , 1995, 51, 8605-8612.	1.9	15

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91	Stereoselective synthesis of fused $\beta^3$ -lactams by intramolecular nitronc cycloaddition. Tetrahedron, 1994, 50, 5503-5514.	1.9	31