

Antonio Rescifina

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

3,897
citations

34
h-index

47
g-index

239
ext. papers

4,419
ext. citations

4.4
avg, IF

5.47
L-index

#	Paper	IF	Citations
185	Artificial Intelligence Technologies for COVID-19 De Novo Drug Design.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
184	Supramolecular Organocatalysis Within the Nanospace of Resorcinarene Capsule 2022 , 335-346		
183	Novel Tyrosine Kinase Inhibitors to Target Chronic Myeloid Leukemia. <i>Molecules</i> , 2022 , 27, 3220	4.8	0
182	Unusual Calixarenes Incorporating Chromene and Benzofuran Moieties Obtained via Propargyl Claisen Rearrangement. <i>Organic Letters</i> , 2021 , 23, 9283-9287	6.2	0
181	Growing the molecular architecture of imidazole-like ligands in HO-1 complexes. <i>Bioorganic Chemistry</i> , 2021 , 117, 105428	5.1	0
180	Synthesis and in vitro evaluation of chlorogenic acid amides as potential hypoglycemic agents and their synergistic effect with acarbose. <i>Bioorganic Chemistry</i> , 2021 , 117, 105458	5.1	0
179	Shedding Light on the Chemistry and the Properties of M̄chnone Functionalized Graphene. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
178	Nanosponges based on self-assembled starfish-shaped cucurbit[6]urils functionalized with imidazolium arms. <i>Chemical Communications</i> , 2021 , 57, 3664-3667	5.8	2
177	Expanding Coefficient: A Parameter To Assess the Stability of Induced-Fit Complexes. <i>Organic Letters</i> , 2021 , 23, 1804-1808	6.2	1
176	Nitric Oxide Photo-Donor Hybrids of Ciprofloxacin and Norfloxacin: A Shift in Activity from Antimicrobial to Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 11597-11613	8.3	1
175	Discovery of Novel Acetamide-Based Heme Oxygenase-1 Inhibitors with Potent Antiproliferative Activity. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13373-13393	8.3	5
174	Pseudo-Dipeptide Bearing β,β -Difluoromethyl Ketone Moiety as Electrophilic Warhead with Activity against Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
173	Green Efficient One-Pot Synthesis and Separation of Nitrones in Water Assisted by a Self-Assembled Nanoreactor.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	2
172	Functionalization of Single and Multi-Walled Carbon Nanotubes with Polypropylene Glycol Decorated Pyrrole for the Development of Doxorubicin Nano-Conveyors for Cancer Drug Delivery. <i>Nanomaterials</i> , 2020 , 10,	5.4	13
171	New Arylethanolidazole Derivatives as HO-1 Inhibitors with Cytotoxicity against MCF-7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	14
170	Cucurbit[7]uril as a catalytic nanoreactor for one-pot synthesis of isoxazolidines in water. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 1194-1203	3.9	7
169	Putative Inhibitors of SARS-CoV-2 Main Protease from A Library of Marine Natural Products: A Virtual Screening and Molecular Modeling Study. <i>Marine Drugs</i> , 2020 , 18,	6	172

168	Chromatographic resolution of phenylethanolic-azole racemic compounds highlighted stereoselective inhibition of heme oxygenase-1 by (R)-enantiomers. <i>Bioorganic Chemistry</i> , 2020 , 99, 1037-1047	5.1	8
167	Synergic Interplay Between Halogen Bonding and Hydrogen Bonding in the Activation of a Neutral Substrate in a Nanoconfined Space. <i>Angewandte Chemie</i> , 2020 , 132, 821-828	3.6	3
166	Synergic Interplay Between Halogen Bonding and Hydrogen Bonding in the Activation of a Neutral Substrate in a Nanoconfined Space. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 811-818	16.4	22
165	Repurposing of FDA-Approved Drugs for Treating Iatrogenic Botulism: A Paired 3D-QSAR/Docking Approach. <i>ChemMedChem</i> , 2020 , 15, 256-262	3.7	9
164	Identification of a potent heme oxygenase-2 (HO-2) inhibitor by targeting the secondary hydrophobic pocket of the HO-2 western region. <i>Bioorganic Chemistry</i> , 2020 , 104, 104310	5.1	3
163	New Anti SARS-Cov-2 Targets for Quinoline Derivatives Chloroquine and Hydroxychloroquine. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
162	An Integrated Pharmacophore/Docking/3D-QSAR Approach to Screening a Large Library of Products in Search of Future Botulinum Neurotoxin A Inhibitors. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
161	Sigma Receptor Ligands Carrying a Nitric Oxide Donor Nitrate Moiety: Synthesis, In Silico, and Biological Evaluation. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 889-894	4.3	4
160	Progress in the development of more effective and safer analgesics for pain management. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111701	6.8	20
159	Physicochemical Characterization and Antioxidant Activity Evaluation of Idebenone/Hydroxypropyl-β-Cyclodextrin Inclusion Complex. <i>Biomolecules</i> , 2019 , 9,	5.9	27
158	Morphing of Ibogaine: A Successful Attempt into the Search for Sigma-2 Receptor Ligands. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
157	Metabolic Characterization of Supernatants Produced by spp. With Anti- Activity. <i>Frontiers in Microbiology</i> , 2019 , 10, 1403	5.7	15
156	Supramolecular host-guest interactions of pseudoginsenoside F11 with β and γ-Cyclodextrin: Spectroscopic/spectrometric and computational studies. <i>Journal of Molecular Structure</i> , 2019 , 1195, 387-394	3.4	4
155	A hexameric resorcinarene capsule as a hydrogen bonding catalyst in the conjugate addition of pyrroles and indoles to nitroalkenes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 2339-2347	5.2	15
154	Structure-Based Approach for the Prediction of Mu-opioid Binding Affinity of Unclassified Designer Fentanyl-Like Molecules. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
153	Hydroxamic Acid-Based Histone Deacetylase (HDAC) Inhibitors Bearing a Pyrazole Scaffold and a Cinnamoyl Linker. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
152	Fourfold Filtered Statistical/Computational Approach for the Identification of Imidazole Compounds as HO-1 Inhibitors from Natural Products. <i>Marine Drugs</i> , 2019 , 17,	6	11
151	[1]Benzothieno[3,2-d]pyrimidine derivatives as ligands for the serotonergic 5-HT receptor. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111690	6.8	2

150	Synthesis of Rosmarinic Acid Amides as Antioxidative and Hypoglycemic Agents. <i>Journal of Natural Products</i> , 2019 , 82, 573-582	4.9	16
149	Progress in the development of selective heme oxygenase-1 inhibitors and their potential therapeutic application. <i>European Journal of Medicinal Chemistry</i> , 2019 , 167, 439-453	6.8	35
148	Computational Tools in the Discovery of FABP4 Ligands: A Statistical and Molecular Modeling Approach. <i>Marine Drugs</i> , 2019 , 17,	6	8
147	Metyrapone- β -cyclodextrin supramolecular interactions inferred by complementary spectroscopic/spectrometric and computational studies. <i>Journal of Molecular Structure</i> , 2019 , 1176, 815-824	3.4	11
146	Gemcitabine anticancer activity enhancement by water soluble celecoxib/sulfobutyl ether- β -cyclodextrin inclusion complex. <i>Carbohydrate Polymers</i> , 2019 , 206, 792-800	10.3	24
145	A molecular hybrid producing simultaneously singlet oxygen and nitric oxide by single photon excitation with green light. <i>Bioorganic Chemistry</i> , 2019 , 85, 18-22	5.1	15
144	FABP4 inhibitors 3D-QSAR model and isosteric replacement of BMS309403 datasets. <i>Data in Brief</i> , 2019 , 22, 471-483	1.2	10
143	3D-QSAR assisted identification of FABP4 inhibitors: An effective scaffold hopping analysis/QSAR evaluation. <i>Bioorganic Chemistry</i> , 2019 , 84, 276-284	5.1	25
142	PEGylate porphyrin-gold nanoparticles conjugates as removable pH-sensor nano-probes for acidic environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 546, 40-47	5.1	13
141	Identification of Potentially Potent Heme Oxygenase 1 Inhibitors through 3D-QSAR Coupled to Scaffold-Hopping Analysis. <i>ChemMedChem</i> , 2018 , 13, 1336-1342	3.7	26
140	Light-Controlled Simultaneous "On Demand" Release of Cytotoxic Combinations for Bimodal Killing of Cancer Cells. <i>Chemistry - A European Journal</i> , 2018 , 24, 7664-7670	4.8	5
139	Potholing of the hydrophobic heme oxygenase-1 western region for the search of potent and selective imidazole-based inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 148, 54-62	6.8	34
138	Discovery of benzimidazole-based Leishmania mexicana cysteine protease CPB2.8 α TE inhibitors as potential therapeutics for leishmaniasis. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1585-1596	2.9	15
137	Mild Friedel-Crafts Reactions inside a Hexameric Resorcinarene Capsule: C-Cl Bond Activation through Hydrogen Bonding to Bridging Water Molecules. <i>Angewandte Chemie</i> , 2018 , 130, 5521-5526	3.6	23
136	Mild Friedel-Crafts Reactions inside a Hexameric Resorcinarene Capsule: C-Cl Bond Activation through Hydrogen Bonding to Bridging Water Molecules. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5423-5428	16.4	60
135	Ensemble-based ADME-Tox profiling and virtual screening for the discovery of new inhibitors of the Leishmania mexicana cysteine protease CPB2.8 α TE. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 597-604	2.9	9
134	Molecular modeling studies of pseudouridine isoxazolidinyl nucleoside analogues as potential inhibitors of the pseudouridine 5'-monophosphate glycosidase. <i>Chemical Biology and Drug Design</i> , 2018 , 91, 519-525	2.9	10
133	Novel Structural Insight into Inhibitors of Heme Oxygenase-1 (HO-1) by New Imidazole-Based Compounds: Biochemical and In Vitro Anticancer Activity Evaluation. <i>Molecules</i> , 2018 , 23,	4.8	35

132	Development of new HO-1 inhibitors by a thorough scaffold-hopping analysis. <i>Bioorganic Chemistry</i> , 2018 , 81, 334-339	5.1	22
131	The hexameric resorcinarene capsule as an artificial enzyme: ruling the regio and stereochemistry of a 1,3-dipolar cycloaddition between nitrones and unsaturated aldehydes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 827-837	5.2	43
130	DNA intercalators based on (1,10-phenanthrolin-2-yl)isoxazolidin-5-yl core with better growth inhibition and selectivity than cisplatin upon head and neck squamous cells carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 583-590	6.8	11
129	(+)-Methyl (1R,2S)-2-[[4-(4-Chlorophenyl)-4-hydroxypiperidin-1-yl]methyl]-1-phenylcyclopropanecarboxylate [(+)-MR200] Derivatives as Potent and Selective Sigma Receptor Ligands: Stereochemistry and Pharmacological Properties. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 372-384	8.3	9
128	Covalently immobilized catalase on functionalized graphene: effect on the activity, immobilization efficiency, and tetramer stability. <i>Biomaterials Science</i> , 2018 , 6, 3231-3240	7.4	17
127	Bio-activated intramolecular anti-aza-Michael addition: stereoselective synthesis of hydantoin derivatives. <i>New Journal of Chemistry</i> , 2018 , 42, 18348-18357	3.6	3
126	A Pseudouridine Isoxazolidinyl Nucleoside Analogue Structural Analysis: A Morphological Approach. <i>Molecules</i> , 2018 , 23,	4.8	1
125	A Structure- and Ligand-Based Virtual Screening of a Database of "Small" Marine Natural Products for the Identification of "Blue" Sigma-2 Receptor Ligands. <i>Marine Drugs</i> , 2018 , 16,	6	19
124	Discovery of High-Affinity Cannabinoid Receptors Ligands through a 3D-QSAR Ushered by Scaffold-Hopping Analysis. <i>Molecules</i> , 2018 , 23,	4.8	21
123	Targeting heme Oxygenase-1 with hybrid compounds to overcome Imatinib resistance in chronic myeloid leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 937-950	6.8	30
122	S2RSLDB: a comprehensive manually curated, internet-accessible database of the sigma-2 receptor selective ligands. <i>Journal of Cheminformatics</i> , 2017 , 9, 3	8.6	25
121	The Search for Potent, Small-Molecule HDACIs in Cancer Treatment: A Decade After Vorinostat. <i>Medicinal Research Reviews</i> , 2017 , 37, 1373-1428	14.4	71
120	βCyclodextrin as a Catalyst for the Synthesis of 2-Methyl-3,5-diarylisoxazolidines in Water. <i>Journal of Organic Chemistry</i> , 2017 , 82, 4631-4639	4.2	25
119	Repurposing of Human Kinase Inhibitors in Neglected Protozoan Diseases. <i>ChemMedChem</i> , 2017 , 12, 1235-1253	3.7	18
118	Development of a Sigma-2 Receptor affinity filter through a Monte Carlo based QSAR analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 106, 94-101	5.1	44
117	Serendipitous discovery of potent human head and neck squamous cell carcinoma anti-cancer molecules: A fortunate failure of a rational molecular design. <i>European Journal of Medicinal Chemistry</i> , 2017 , 141, 188-196	6.8	7
116	Comprehensive data on a 2D-QSAR model for Heme Oxygenase isoform 1 inhibitors. <i>Data in Brief</i> , 2017 , 15, 281-299	1.2	31
115	Hyphenated 3D-QSAR statistical model-scaffold hopping analysis for the identification of potentially potent and selective sigma-2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2017 , 139, 884-891	6.8	28

114	Synthesis and evaluation of haloperidol metabolite II prodrugs as anticancer agents. <i>Future Medicinal Chemistry</i> , 2017 , 9, 1749-1764	4.1	3
113	Recent advances in drug discovery of phototherapeutic non-porphyrinic anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 459-485	6.8	50
112	Adipocyte fatty acid binding protein 4 (FABP4) inhibitors. A comprehensive systematic review. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 854-873	6.8	49
111	Heme Oxygenase Database (HemeOxDB) and QSAR Analysis of Isoform 1 Inhibitors. <i>ChemMedChem</i> , 2017 , 12, 1873-1881	3.7	27
110	Sigma-2 receptor ligands QSAR model dataset. <i>Data in Brief</i> , 2017 , 13, 514-535	1.2	34
109	Synthesis and characterization of copolycarbonates having azobenzene units in the main chain as an active group for optical logic gate devices. <i>Polymer Chemistry</i> , 2016 , 7, 6318-6329	4.9	5
108	Antiangiogenic Effect of (R)-Haloperidol Metabolite II Valproate Ester [(R)-MRJF22] in Human Microvascular Retinal Endothelial Cells. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9960-9966	8.3	30
107	Targeting of the Leishmania mexicana cysteine protease CPB2.8CTE by decorated fused benzo[b]thiophene scaffold. <i>RSC Advances</i> , 2016 , 6, 30628-30635	3.7	19
106	5'-Spiro-cyclopropanated lactose derivatives as suitable intermediates for the chain elongation: synthesis of a new 6-deoxy-6-methyl heptulose. <i>Carbohydrate Research</i> , 2016 , 422, 45-52	2.9	1
105	Repurposing of oxazolone chemistry: gaining access to functionalized graphene nanosheets in a top-down approach from graphite. <i>Chemical Science</i> , 2015 , 6, 6961-6970	9.4	24
104	An β 1-adrenergic receptor ligand repurposed as a potent antiproliferative agent for head and neck squamous cell carcinoma. <i>RSC Advances</i> , 2015 , 5, 6536-6542	3.7	4
103	Decorated 6,6',7,7'-tetrahydro-1H,1'H-2,3'-biindole scaffold as promising candidate for recognition of the CDK2 allosteric site. <i>MedChemComm</i> , 2015 , 6, 311-318	5	7
102	Haloperidol metabolite II prodrug: asymmetric synthesis and biological evaluation on rat C6 glioma cells. <i>European Journal of Medicinal Chemistry</i> , 2015 , 90, 1-9	6.8	31
101	4-Nitro-2,1,3-benzoxadiazole derivatives as potential fluorescent sigma receptor probes. <i>RSC Advances</i> , 2015 , 5, 47108-47116	3.7	17
100	Production of filmable medium-chain-length polyhydroxyalkanoates produced from glycerol by Pseudomonas mediterranea. <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 89-96	7.9	35
99	Recent advances in small organic molecules as DNA intercalating agents: synthesis, activity, and modeling. <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 95-115	6.8	167
98	DNA Recognition with Polycyclic-Aromatic-Hydrocarbon-Presenting Calixarene Conjugates. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7605-7613	3.2	12
97	Functional hybrid co-crystals of humic substances: a growth forecast. <i>CrystEngComm</i> , 2014 , 16, 5917	3.3	3

96	A top-down approach to crystal engineering of a racemic α -isoxazoline. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 172-80	1.8	8
95	Use of Microwave Heating in the Synthesis of Heterocycles from Carbohydrates. <i>Current Organic Chemistry</i> , 2014 , 18, 417-445	1.7	10
94	Experimental and in silico characterization of a biologically active inosose. <i>Structural Chemistry</i> , 2013 , 24, 955-965	1.8	8
93	Prevalence of oxetanose forms in the tautomeric equilibrium of β -hydroxy-1,5-dicarbonyl monosaccharides. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9444-9	4.2	11
92	Crystal morphologies and polymorphs in tolbutamide microcrystalline powder. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 73-83	3.9	19
91	Self-catalyzed Mannich-type reaction of enolizable cyclic 1,3-dicarbonyls to acyclic nitrones: an entry to functionalized β -enamino diones. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3972-9	4.2	15
90	Histone methyltransferase inhibitors: novel epigenetic agents for cancer treatment. <i>Current Medicinal Chemistry</i> , 2013 , 20, 167-85	4.3	48
89	Novel isoxazole polycyclic aromatic hydrocarbons as DNA-intercalating agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 51, 163-73	6.8	38
88	Potassium caffeate/caffeic acid co-crystal: the rat race between the catecholic and carboxylic moieties in an atypical co-crystal. <i>Dalton Transactions</i> , 2012 , 41, 14337-44	4.3	9
87	Synthesis and biological activity of novel bifunctional isoxazolidinyl polycyclic aromatic hydrocarbons. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4978-84	3.4	20
86	Recent Developments on Rotaxane-Based Shuttles: An Update to 2010. <i>Current Organic Chemistry</i> , 2012 , 16, 127-160	1.7	7
85	From the X-rays to a reliable low cost computational structure of caffeic acid: DFT, MP2, HF and integrated molecular dynamics X-ray diffraction approach to condensed phases. <i>Journal of Molecular Structure</i> , 2011 , 994, 87-96	3.4	11
84	How molecular interactions affect crystal morphology: the case of haloperidol. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4896-906	3.9	25
83	Design, Synthesis, Molecular Docking and Crystal Structure Prediction of New Azasugar Analogues of β -Glucosidase Inhibitors. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 7278-7287	3.2	12
82	Isoxazolidinyl polycyclic aromatic hydrocarbons as DNA-intercalating antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 129-36	6.8	41
81	An intriguing U-shaped molecule as possible ionophore for sensor applications: A computational DFT and NMR study. <i>Journal of Molecular Structure</i> , 2011 , 991, 143-148	3.4	3
80	Stereodefined ring contraction-rearrangement of thiocoumarins to new fused benzo[b]thiophene derivatives. <i>Tetrahedron</i> , 2011 , 67, 608-611	2.4	15
79	Synthesis of C-4'-truncated phosphonated carbocyclic 2'-oxa-3'-azanucleosides as antiviral agents. <i>Journal of Organic Chemistry</i> , 2010 , 75, 2798-805	4.2	49

78	β-cyclodextrin and caffeine complexes with natural polyphenols from olive and olive oils: NMR, thermodynamic, and molecular modeling studies. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 11876-82	5.7	20
77	Could N-(diethylcarbamothioyl)benzamide be a good ionophore for sensor membranes?. <i>Journal of Molecular Structure</i> , 2010 , 981, 86-92	3.4	20
76	Structural determinants of resveratrol for cell proliferation inhibition potency: experimental and docking studies of new analogs. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2972-80	6.8	55
75	Recent Developments on Rotaxane-Based Shuttles. <i>Current Organic Chemistry</i> , 2009 , 13, 448-481	1.7	27
74	Biomimetic Synthesis of Natural and Unnatural Lignans by Oxidative Coupling of Caffeic Esters. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 6289-6300	3.2	36
73	Structures and properties in different media of N,N-(diethylcarbamothioyl)furan-2-carboxamide: A ionophore for sensor membranes. <i>Journal of Molecular Structure</i> , 2009 , 929, 174-181	3.4	16
72	Stereoselective synthesis and biological evaluations of novel 3'-deoxy-4'-azaribonucleosides as inhibitors of hepatitis C virus RNA replication. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 4054-7	8.3	35
71	Conversion of oximes to carbonyl compounds by triscetylpyridinium tetrakis(oxodiperoxotungsto) phosphate (PCWP)-mediated oxidation with hydrogen peroxide. <i>Molecules</i> , 2008 , 13, 1230-7	4.8	14
70	3-Amino-2(5H)furanones as inhibitors of subgenomic hepatitis C virus RNA replication. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9610-5	3.4	11
69	Cyclopropanation of 5-methylene galactopyranosides by dihalo-, ethoxycarbonyl-, and unsubstituted carbenes. <i>Tetrahedron</i> , 2008 , 64, 8652-8658	2.4	7
68	A Novel Class of Modified Nucleosides: Synthesis of Alkylidene Isoxazolidinyl Nucleosides Containing Thymine. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 1517-1521	3.2	21
67	Synthesis of Methyleneisoxazolidine Nucleoside Analogues by Microwave-Assisted Nitrene Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4758-4764	3.2	18
66	A DFT study on the 1,3-dipolar cycloaddition reactions of C-(hetaryl) nitrenes with methyl acrylate and vinyl acetate. <i>Tetrahedron</i> , 2007 , 63, 1448-1458	2.4	36
65	Phosphonated carbocyclic 2'-oxa-3'-azanucleosides as new antiretroviral agents. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3747-50	8.3	46
64	Binding of a non-ionic pyrenylisoxazolidine derivative to double-stranded polynucleotides: spectroscopic and molecular modelling studies. <i>New Journal of Chemistry</i> , 2006 , 30, 554	3.6	18
63	Synthesis and biological activity of isoxazolidinyl polycyclic aromatic hydrocarbons: potential DNA intercalators. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 709-15	8.3	70
62	Synthesis and biological evaluation of phosphonated carbocyclic 2'-oxa-3'-aza-nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 955-9	3.4	28
61	C-Alkoxy carbonyl Nitrenes: Building Blocks for the Synthesis of Butenolides, Lactams and Modified Nucleosides. <i>Mini-Reviews in Organic Chemistry</i> , 2005 , 2, 59-77	1.7	37

60	Reactions of Benzonitrile Oxide with Methoxypyrimidines and Pyrimidones. <i>Heterocycles</i> , 2005 , 65, 1079-8	0.8	1
59	Synthesis of phosphonated carbocyclic 2'-oxa-3'-aza-nucleosides: novel inhibitors of reverse transcriptase. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1389-94	8.3	69
58	Zinc(II) triflate-controlled 1,3-dipolar cycloadditions of C-(2-thiazolyl)nitrones: application to the synthesis of a novel isoxazolidinyl analogue of tiazoferin. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8991-9001	4.2	42
57	Synthesis of functionalized polyhedral oligomeric silsesquioxane (POSS) macromers by microwave assisted 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 2005 , 61, 7986-7993	2.4	31
56	From Amino Acids to Enantiopure Bicyclic Isoxazolidinylpyridin-4(1H)-ones through Intramolecular Nitron Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2368-2373	3.2	7
55	Synthesis of pyrimidine-containing 3-aminobutenolides. <i>Tetrahedron</i> , 2004 , 60, 6593-6596	2.4	3
54	Diastereoselective synthesis of homo-N,O-nucleosides. <i>Tetrahedron</i> , 2004 , 60, 441-448	2.4	27
53	From cyclopentadiene to isoxazoline-carbocyclic nucleosides: a rapid access to biological molecules through nitrosocarbonyl chemistry. <i>Tetrahedron</i> , 2004 , 60, 3643-3651	2.4	36
52	Steric course of some cyclopropanation reactions of L-threo-hex-4-enopyranosides. <i>Tetrahedron</i> , 2004 , 60, 3787-3795	2.4	12
51	A DFT rationalization for the observed regiochemistry in the nitrile oxide cycloaddition with anthracene and acridine. <i>Tetrahedron</i> , 2004 , 60, 6443-6451	2.4	25
50	Enantioselective syntheses and cytotoxicity of N,O-nucleosides. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3696-702	8.3	63
49	A DFT study on the 1,3-dipolar cycloaddition reactions of C-(methoxycarbonyl)-N-methyl nitron with methyl acrylate and vinyl acetate. <i>Tetrahedron</i> , 2003 , 59, 3581-3592	2.4	67
48	Isoxazolidine analogues of pseudouridine: a new class of modified nucleosides. <i>Tetrahedron</i> , 2003 , 59, 4733-4738	2.4	39
47	Diastereo- and enantioselective synthesis of N,O-nucleosides. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2717-2723		29
46	Enantioselective synthesis of N,O-psiconucleosides. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2419-2425		26
45	New rearrangement of 4-isoxazoline system: conversion of ketones into alpha,beta-unsaturated amides. <i>Journal of Organic Chemistry</i> , 2003 , 68, 3718-20	4.2	18
44	Diastereo- and enantioselective synthesis of 1'-C-branched N,O-nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003 , 22, 739-42	1.4	9
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34	A Stereoselective Approach to Isoxazolidinyl Nucleosides. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 1893-1898	3.2	28
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30	Stereoselective Synthesis of 2'-Amino-2',3'-dideoxynucleosides by Nitron 1,3-Dipolar Cycloaddition: A New Efficient Entry Toward d4T and Its 2-Methyl Analogue. <i>Journal of Organic Chemistry</i> , 1999 , 64, 28-36	4.2	26
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28	Stereoselective Synthesis of Enantiomerically Pure Isoxazolidine-fused d-Lactams. <i>Heterocycles</i> , 1999 , 51, 37	0.8	4
27	A general synthetic approach to 5-alkyl-2(5H)furanones via 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 1998 , 54, 5695-5708	2.4	16
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