

Antonio Rescifina

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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	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
184	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
183	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
182	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
181	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
180	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
179	Enantioselective syntheses and cytotoxicity of N,O-nucleosides. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3696-702	8.3	63
178	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
177	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
176	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
175	Homochiral β -d- and β -l-Isoxazolidinylthymidines via 1,3-Dipolar Cycloaddition <i>Journal of Organic Chemistry</i> , 1999 , 64, 9321-9327	4.2	50
174	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
173	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
172	Histone methyltransferase inhibitors: novel epigenetic agents for cancer treatment. <i>Current Medicinal Chemistry</i> , 2013 , 20, 167-85	4.3	48
171	Phosphonated carbocyclic 2'-oxa-3'-azanucleosides as new antiretroviral agents. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3747-50	8.3	46
170	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
169	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

168	Zinc(II) triflate-controlled 1,3-dipolar cycloadditions of C-(2-thiazolyl)nitrones: application to the synthesis of a novel isoxazolidinyl analogue of tiazofurin. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8991-9001	4.2	42
167	One-flask transformation of secondary amines to nitrones by oxidation with hydrogen peroxide mediated by triscetylpyridinium tetrakis oxodiperoxotungsto-phosphate (PCWP). Some mechanistic considerations. <i>Tetrahedron</i> , 1992 , 48, 8677-8684	2.4	42
166	Isoxazolidinyl polycyclic aromatic hydrocarbons as DNA-intercalating antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 129-36	6.8	41
165	Stereoselective synthesis of homochiral annulated sultams via intramolecular cycloaddition reactions. <i>Tetrahedron</i> , 2001 , 57, 3425-3433	2.4	40
164	Isoxazolidine analogues of pseudouridine: a new class of modified nucleosides. <i>Tetrahedron</i> , 2003 , 59, 4733-4738	2.4	39
163	Novel isoxazole polycyclic aromatic hydrocarbons as DNA-intercalating agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 51, 163-73	6.8	38
162	C-Alkoxy carbonyl Nitrones: 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
161	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
160	A DFT study on the 1,3-dipolar cycloaddition reactions of C-(hetaryl) nitrones with methyl acrylate and vinyl acetate. <i>Tetrahedron</i> , 2007 , 63, 1448-1458	2.4	36
159	From cyclopentadiene to isoxazoline bicyclic nucleosides: a rapid access to biological molecules through nitrosocarbonyl chemistry. <i>Tetrahedron</i> , 2004 , 60, 3643-3651	2.4	36
158	Diastereoselective synthesis of N,O-psiconucleosides via 1,3-dipolar cycloadditions. <i>Tetrahedron Letters</i> , 2001 , 42, 1777-1780	2	36
157	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
156	Production of filmable medium-chain-length polyhydroxyalkanoates produced from glycerol by <i>Pseudomonas mediterranea</i> . <i>International Journal of Biological Macromolecules</i> , 2014 , 65, 89-96	7.9	35
155	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
154	Modified dideoxynucleosides: Synthesis of 2'-N-alkyl-3'-hydroxyalkyl-1',2'-isoxazolidinyl thymidine and 5-fluorouridine derivatives. <i>Tetrahedron</i> , 1996 , 52, 8889-8898	2.4	35
153	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
152	Poethologing 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
151	Sigma-2 receptor ligands QSAR model dataset. <i>Data in Brief</i> , 2017 , 13, 514-535	1.2	34

150	Modified nucleosides. A general and diastereoselective approach to N,O-psiconucleosides. <i>Tetrahedron</i> , 2002 , 58, 581-587	2.4	34
149	Biomimetic Supramolecular Biophenol-Carbohydrate and Biophenol-Protein Models by NMR Experiments. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 4281-4285	5.7	33
148	β -Amino acids as chiral educts for stereoselective syntheses of pyrrolidine and pyrrolizidine systems. <i>Tetrahedron</i> , 1995 , 51, 5689-5700	2.4	33
147	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
146	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
145	Enantioselective synthesis of 4-hydroxy-d-pyrroglutamic acid derivatives by an asymmetric 1,3-dipolar cycloaddition. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 167-172		31
144	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
143	Antiangiogenic Effect of (\oplus)-Haloperidol Metabolite II Valproate Ester [(\oplus)-MRJF22] in Human Microvascular Retinal Endothelial Cells. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9960-9966	8.3	30
142	Diastereoselective and enantioselective synthesis of 4'-aza analogues of 2',3'-dideoxynucleosides. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 2045-2048		30
141	Rearrangement of o-alkynyl substituted β -diazoacetophenones. Conversion to β -naphthols via arylketene intermediates. <i>Tetrahedron Letters</i> , 1991 , 32, 5923-5926	2	30
140	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
139	Diastereo- and enantioselective synthesis of N,O-nucleosides. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2717-2723		29
138	An asymmetric approach to pyrrolidinone and pyrrolizidinone systems by intramolecular oxime-olefin cycloaddition. <i>Tetrahedron</i> , 1996 , 52, 7875-7884	2.4	29
137	Stereoselective synthesis of fused β -lactams by intramolecular nitrene cycloaddition. <i>Tetrahedron</i> , 1994 , 50, 5503-5514	2.4	29
136	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
135	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
134	A Stereoselective Approach to Isoxazolidinyl Nucleosides. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 1893-1898	3.2	28
133	Physicochemical Characterization and Antioxidant Activity Evaluation of Idebenone/Hydroxypropyl- β -Cyclodextrin Inclusion Complex β <i>Biomolecules</i> , 2019 , 9,	5.9	27

132	Heme Oxygenase Database (HemeOxDB) and QSAR Analysis of Isoform 1 Inhibitors. <i>ChemMedChem</i> , 2017 , 12, 1873-1881	3.7	27
131	Recent Developments on Rotaxane-Based Shuttles. <i>Current Organic Chemistry</i> , 2009 , 13, 448-481	1.7	27
130	Diastereoselective synthesis of homo-N,O-nucleosides. <i>Tetrahedron</i> , 2004 , 60, 441-448	2.4	27
129	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
128	Enantioselective synthesis of N,O-psiconucleosides. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2419-2425		26
127	Stereoselective Synthesis of 2'-Amino-2',3'-dideoxynucleosides by Nitrene 1,3-Dipolar Cycloaddition: A New Efficient Entry Toward dT and Its 2-Methyl Analogue. <i>Journal of Organic Chemistry</i> , 1999 , 64, 28-36	4.2	26
126	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
125	β-Cyclodextrin as a Catalyst for the Synthesis of 2-Methyl-3,5-diarylisoaxazolidines in Water. <i>Journal of Organic Chemistry</i> , 2017 , 82, 4631-4639	4.2	25
124	How molecular interactions affect crystal morphology: the case of haloperidol. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4896-906	3.9	25
123	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
122	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
121	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
120	Ring-opening of isoxazolidine nucleus: Competitive formation of β,δ-ketones and tetrahydro-1,3-oxazines. <i>Tetrahedron</i> , 1995 , 51, 2979-2990	2.4	24
119	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
118	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
117	Development of new HO-1 inhibitors by a thorough scaffold-hopping analysis. <i>Bioorganic Chemistry</i> , 2018 , 81, 334-339	5.1	22
116	Diastereoselective Synthesis of N,O-Psiconucleosides, a New Class of Modified Nucleosides. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 1206-1212	3.2	22
115	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

114	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
113	Discovery of High-Affinity Cannabinoid Receptors Ligands through a 3D-QSAR Ushered by Scaffold-Hopping Analysis. <i>Molecules</i> , 2018 , 23,	4.8	21
112	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
111	Synthesis and biological activity of novel bifunctional isoxazolidinyl polycyclic aromatic hydrocarbons. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4978-84	3.4	20
110	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
109	Could N-(diethylcarbamothioyl)benzamide be a good ionophore for sensor membranes?. <i>Journal of Molecular Structure</i> , 2010 , 981, 86-92	3.4	20
108	Targeting of the Leishmania mexicana cysteine protease CPB2.8 α TE by decorated fused benzo[b]thiophene scaffold. <i>RSC Advances</i> , 2016 , 6, 30628-30635	3.7	19
107	Crystal morphologies and polymorphs in tolbutamide microcrystalline powder. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 73-83	3.9	19
106	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
105	Repurposing of Human Kinase Inhibitors in Neglected Protozoan Diseases. <i>ChemMedChem</i> , 2017 , 12, 1235-1253	3.7	18
104	Stereoselective synthesis of isoxazole and pyrazole annulated sultams via intramolecular 1,3-dipolar cycloaddition reactions. <i>Tetrahedron</i> , 1997 , 53, 13855-13866	2.4	18
103	Synthesis of Methyleneisoxazolidine Nucleoside Analogues by Microwave-Assisted Nitronc Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4758-4764	3.2	18
102	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
101	Intramolecular cycloadditions of alpha-allyloxycarbonylnitrones: stereoselective synthesis of 3-amino-2(5H)furanones. <i>Journal of Organic Chemistry</i> , 2002 , 67, 4380-3	4.2	18
100	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
99	Stereoselective control in 1,3-dipolar cycloaddition of nitrones to substituted styrenes. <i>Tetrahedron</i> , 1994 , 50, 6671-6680	2.4	18
98	4-Nitro-2,1,3-benzoxadiazole derivatives as potential fluorescent sigma receptor probes. <i>RSC Advances</i> , 2015 , 5, 47108-47116	3.7	17
97	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

96	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
95	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
94	Synthesis of Rosmarinic Acid Amides as Antioxidative and Hypoglycemic Agents. <i>Journal of Natural Products</i> , 2019 , 82, 573-582	4.9	16
93	Metabolic Characterization of Supernatants Produced by spp. With Anti-Activity. <i>Frontiers in Microbiology</i> , 2019 , 10, 1403	5.7	15
92	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
91	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
90	Self-catalyzed Mannich-type reaction of enolizable cyclic 1,3-dicarbonyls to acyclic nitrones: an entry to functionalized enamino diones. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3972-9	4.2	15
89	Stereodefined ring contraction-rearrangement of thiocoumarins to new fused benzo[b]thiophene derivatives. <i>Tetrahedron</i> , 2011 , 67, 608-611	2.4	15
88	Ring-Opening of 4-Isoxazolines: Competitive Formation of Enamino Derivatives and α,β -Enones. <i>Heterocycles</i> , 1993 , 36, 585	0.8	15
87	Novel approach to the ring-opening of 4-isoxazolines: One-pot synthesis of β,δ -enones. <i>Tetrahedron</i> , 1992 , 48, 123-132	2.4	15
86	New Anti SARS-Cov-2 Targets for Quinoline Derivatives Chloroquine and Hydroxychloroquine. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
85	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
84	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
83	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
82	Ring opening of the isoxazolidine system: A new synthesis of 3-amino-2(5H)furanones. <i>Tetrahedron</i> , 1995 , 51, 8605-8612	2.4	14
81	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
80	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
79	DNA Recognition with Polycyclic-Aromatic-Hydrocarbon-Presenting Calixarene Conjugates. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7605-7613	3.2	12

78	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
77	Steric course of some cyclopropanation reactions of L-threo-hex-4-enopyranosides. <i>Tetrahedron</i> , 2004 , 60, 3787-3795	2.4	12
76	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		12
75	A New Synthesis of Streptomyces Lactones by 1,3-Dipolar Cycloaddition. <i>Heterocycles</i> , 1993 , 36, 2209	0.8	12
74	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
73	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
72	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
71	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
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	Intramolecular nitrile oxide cycloaddition (INOC) of substituted amido-oximes. <i>Tetrahedron</i> , 1996 , 52, 14323-14334	2.4	11
68	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
67	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
66	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
65	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
64	Use of Microwave Heating in the Synthesis of Heterocycles from Carbohydrates. <i>Current Organic Chemistry</i> , 2014 , 18, 417-445	1.7	10
63	FABP4 inhibitors 3D-QSAR model and isosteric replacement of BMS309403 datasets. <i>Data in Brief</i> , 2019 , 22, 471-483	1.2	10
62	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
61	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

60	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
59	The Reaction of Unsaturated Carbonyl Compounds with "Activated" Sulfur. <i>Heterocycles</i> , 1993 , 36, 223	0.8	9
58	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
57	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
56	(+)-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
55	Chromatographic resolution of phenylethanolic-azole racemic compounds highlighted stereoselective inhibition of heme oxygenase-1 by (R)-enantiomers. <i>Bioorganic Chemistry</i> , 2020 , 99, 103777	5.7	8
54	Experimental and in silico characterization of a biologically active inosose. <i>Structural Chemistry</i> , 2013 , 24, 955-965	1.8	8
53	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
52	Cycloaddition of nitrile oxides to aza-analogues of phenanthrene. <i>Tetrahedron</i> , 1998 , 54, 9187-9194	2.4	8
51	Cycloadditions of mesitonitrile oxide with amino- and nitrostilbenes. <i>Perkin Transactions II RSC</i> , 2000 , 1761-1766		8
50	Functionalized γ -Lactones via Intramolecular Nitrile Oxide Cycloaddition. <i>Heterocycles</i> , 1993 , 36, 2005	0.8	8
49	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	0.9	8
48	Computational Tools in the Discovery of FABP4 Ligands: A Statistical and Molecular Modeling Approach. <i>Marine Drugs</i> , 2019 , 17,	6	8
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