Yves L Dory

List of Publications by Year
in descending order

77 papers	1,900 citations	279778 23 h-index	276858 41 g-index
81 all docs	81 docs citations	81 times ranked	2424 citing authors

#	Article	IF	Citations
1	Design and Structureâ€“Activity Relationship of a Potent Furin Inhibitor Derived from Influenza Hemagglutinin. ACS Medicinal Chemistry Letters, 2021, 12, 365-372.	2.8	7
2	Computational prediction of the supramolecular self-assembling properties of organic molecules: the role of conformational flexibility of amide moieties. Physical Chemistry Chemical Physics, 2021, 23, 20453-20465.	2.8	2
3	Promising Performance of 4HMS, a New Zirconium-89 Octadendate Chelator. ACS Omega, 2020, 5, 10731-10739.	3.5	13
4	Preparation and Single Crystal Structure Determination of the First Biobased Furan-Polydiacetylene Using Topochemical Polymerization. Crystals, 2019, 9, 448.	2.2	9
5	Selfâ€Assembly of C₃ Symmetric Rigid Macrolactams into Very Polar and Porous Trigonal Crystals. Chemistry - A European Journal, 2019, 25, 6707-6711.	3.3	8
6	Enhanced anti-tumor activity of the Multi-Leu peptide PACE4 inhibitor transformed into an albumin-bound tumor-targeting prodrug. Scientific Reports, 2019, 9, 2118.	3.3	11
7	N-Guanidyl and C-Tetrazole Leu-Enkephalin Derivatives: Efficient Mu and Delta Opioid Receptor Agonists with Improved Pharmacological Properties. ACS Chemical Neuroscience, 2019, 10, 1615-1626.	3.5	12
8	Exploration of the fifth position of leuâ€enkephalin and its role in binding and activating delta (DOP) and mu (MOP) opioid receptors. Peptide Science, 2019, 111, e24070.	1.8	7
9	Improving the Selectivity of PACE4 Inhibitors through Modifications of the P1 Residue. Journal of Medicinal Chemistry, 2018, 61, 11250-11260.	6.4	6
10	Electrically controlled fluorescence in a nematic liquid crystal doped by a chiral fluorophore. Journal of Materials Science: Materials in Electronics, 2018, 29, 19768-19774.	2.2	0
11	Increasing C-Terminal Hydrophobicity Improves the Cell Permeability and Antiproliferative Activity of PACE4 Inhibitors against Prostate Cancer Cell Lines. Journal of Medicinal Chemistry, 2018, 61, 8457-8467.	6.4	4
12	Macrocyclization of a potent PACE4 inhibitor: Benefits and limitations. European Journal of Cell Biology, 2017, 96, 476-485.	3.6	7
13	Synthesis and Evaluation of a ⁶⁴Cu-Conjugate, a Selective Î´-Opioid Receptor Positron Emission Tomography Imaging Agent. Organic Letters, 2017, 19, 2018-2021.	4.6	6
14	The Proprotein Convertase Subtilisin/Kexin Type 9-resistant R410S Low Density Lipoprotein Receptor Mutation. Journal of Biological Chemistry, 2017, 292, 1573-1590.	3.4	30
15	Rational Design of a Highly Potent and Selective Peptide Inhibitor of PACE4 by Salt Bridge Interaction with D160 at Position P3. ChemMedChem, 2017, 12, 1169-1172.	3.2	9
16	Synthesis of Gly-Ïˆ[(Z)CFâ•CH]-Phe, a Fluoroalkene Dipeptide Isostere, and Its Incorporation into a Leu-enkephalin Peptidomimetic. ACS Chemical Neuroscience, 2017, 8, 40-49.	3.5	33
17	Isomorphous crystal structures of chlorodiacetylene and iododiacetylene derivatives: simultaneous hydrogen and halogen bonds on carbonyl. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1175-1179.	0.5	3
18	Isomorphous Crystals from Diynes and Bromodiynes Involved in Hydrogen and Halogen Bonds. Crystals, 2016, 6, 37.	2.2	5

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19	Novel Insights into Structureâ€“Activity Relationships of Nâ€Terminally Modified PACE4 Inhibitors. ChemMedChem, 2016, 11, 289-301.	3.2	12
20	Therapeutic uses of furin and its inhibitors: a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 379-396.	5.0	70
21	A new comonomer design for enhancing the pH-triggered LCST shift of thermosensitive polymers. Polymer Chemistry, 2015, 6, 6644-6650.	3.9	20
22	Hydrogen Bonds between Acidic Protons from Alkynes (Câ€“HÂ·Â·Â·O) and Amides (Nâ€“HÂ·Â·Â·O) and Carbonyl Oxygen Atoms as Acceptor Partners. Journal of Crystallography, 2014, 2014, 1-5.	0.0	6
23	Design, Synthesis, and Structureâ€“Activity Relationship Studies of a Potent PACE4 Inhibitor. Journal of Medicinal Chemistry, 2014, 57, 98-109.	6.4	30
24	Optimization of Furin Inhibitors To Protect against the Activation of Influenza Hemagglutinin H5 and Shiga Toxin. Journal of Medicinal Chemistry, 2014, 57, 29-41.	6.4	24
25	5â€Aminopentaâ€2,4â€dienals: Synthesis, Activation towards Nucleophiles, Molecular Modeling and Biosynthetic Implications in Relation to the Manzamine Alkaloids. European Journal of Organic Chemistry, 2014, 2014, 4973-4984.	2.4	5
26	Systematic replacement of amides by 1,4-disubstituted[1,2,3]triazoles in Leu-enkephalin and the impact on the delta opioid receptor activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5267-5269.	2.2	26
27	Preparation and Evaluation at the Delta Opioid Receptor of a Series of Linear Leu-Enkephalin Analogues Obtained by Systematic Replacement of the Amides. ACS Chemical Neuroscience, 2013, 4, 1204-1216.	3.5	23
28	The Multi-Leu Peptide Inhibitor Discriminates Between PACE4 and Furin And Exhibits Antiproliferative Effects On Prostate Cancer Cells. Journal of Medicinal Chemistry, 2012, 55, 10501-10511.	6.4	49
29	Near-infrared light sensitive polypeptide block copolymer micelles for drug delivery. Journal of Materials Chemistry, 2012, 22, 7252.	6.7	127
30	Simultaneous Chirality Transfer and Structured Aggregation of a Cyclopeptide in a Liquid Crystal. Langmuir, 2011, 27, 3867-3871.	3.5	1
31	Surface-Grafted Stimuli-Responsive Block Copolymer Brushes for the Thermo-, Photo- and pH-Sensitive Release of Dye Molecules. Macromolecules, 2011, 44, 7385-7393.	4.8	111
32	Kinetic deconjugation: a gateway to the synthesis of Xxx-Gly (E)-alkene dipeptide isosteres. Tetrahedron Letters, 2011, 52, 6603-6605.	1.4	10
33	Hierarchical Self-Assembly of Lactams into Supramolecular CO-Spiked â€œSea Urchinsâ€•and Then into a Channeled Crystal. Crystal Growth and Design, 2010, 10, 4357-4362.	3.0	2
34	Exploring the Backbone of Enkephalins To Adjust Their Pharmacological Profile for the Î´-Opioid Receptor. ACS Chemical Neuroscience, 2010, 1, 757-769.	3.5	19
35	Cyclic Peptideâ€“Polymer Complexes and Their Selfâ€Assembly. Chemistry - A European Journal, 2009, 15, 4428-4436.	3.3	33
36	Crystal Structure of Hydrated Potassium Pentafluorophenolate: Interactions Between Fluorine Atoms and Metal Ions. Journal of Chemical Crystallography, 2009, 39, 568-572.	1.1	3

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37	Efficient synthesis of nevirapine analogs to study its metabolic profile by click fishing. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6127-6130.	2.2	9
38	Supramolecular Walls from Cyclic Peptides: Modulating Nature and Strength of Weak Interactions. Crystal Growth and Design, 2009, 9, 3638-3645.	3.0	14
39	Study of Very Reactive Tautomeric Phenol Dienones as Dienes in Dielsâ^'Alder Reactions. Organic Letters, 2009, 11, 1197-1200.	4.6	19
40	Efficient parallel synthesis of macrocyclic peptidomimetics. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4731-4735.	2.2	36
41	Mechanism and Regioselectivity of the Cycloaddition of Thiones Derived from Meldrumâ€™s Acid, Malonates, or Other Dicarbonyls. Journal of Organic Chemistry, 2008, 73, 7457-7466.	3.2	10
42	Rational Design and Gas-Phase Characterization of Molecular Capsules by Self-Assembly of a Symmetric Hexasubstituted Benzene with Seven-Membered Lactams. Journal of the American Chemical Society, 2008, 130, 5640-5641.	13.7	19
43	Efficient Synthesis and Astonishing Supramolecular Architectures of Several Symmetric Macrolactams. Chemistry - A European Journal, 2007, 13, 9223-9235.	3.3	32
44	1,3,5-Tris(bromomethyl)-2,4,6-tris(2-methoxycarbonyl-2-methylpropyl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4905-o4905.	0.2	0
45	Synthesis, characterization and X-ray crystal structures of cyclam derivatives. Part VI. Proton binding studies of a pyridine-strapped 5,12-dioxocyclam based macrobicycle. New Journal of Chemistry, 2005, 29, 99-108.	2.8	18
46	Regioselective N-Functionalization of Tetraazacycloalkanes. Journal of Organic Chemistry, 2005, 70, 7042-7053.	3.2	21
47	Micrometer-Sized Hexagonal Tubes Self-Assembled by a Cyclic Peptide in a Liquid Crystal. Angewandte Chemie - International Edition, 2004, 43, 349-353.	13.8	73
48	Hydrolysis of Î±- and Î²-Glycosides. New Experimental Data and Modeling of Reaction Pathways. Organic Letters, 2004, 6, 505-508.	4.6	28
49	Characteristics of the Two Frontier Orbital Interactions in the Dielsâ^'Alder Cycloaddition. Journal of Organic Chemistry, 2004, 69, 757-764.	3.2	55
50	Comparative Effects of Conjugated and Deconjugated Isomeric Enones on the Transannular Dielsâ^'Alder Reaction. Organic Letters, 2003, 5, 4799-4802.	4.6	9
51	First Experimental and Theoretical Evidence of a Deactivating Enone Dienophile in the Transannular Dielsâ^'Alder Reaction. Journal of Organic Chemistry, 2003, 68, 2390-2397.	3.2	9
52	Use of the transannular DielsÂ–Alder (TADA) reaction to probe biological receptors: Rational design and synthesis of tricyclic TADA adducts capable of rigidly holding pharmacophore parts. Canadian Journal of Chemistry, 2002, 80, 875-884.	1.1	3
53	Theoretical and Experimental Determination of the Effects Governing the Transannular Dielsâ^'Alder Reaction of Transâ^'Transâ^'Cis Systems with or without Activation of the Dienophile. Journal of the American Chemical Society, 2001, 123, 8210-8216.	13.7	13
54	Self-Assembly of Cyclic Peptides into Nanotubes and Then into Highly Anisotropic Crystalline Materials. Angewandte Chemie - International Edition, 2001, 40, 4635-4638.	13.8	106

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55	The Relative Rate of Hydrolysis of a Series of Acyclic and Six-Membered Cyclic Acetals, Ketals, Orthoesters, and Orthocarbonates. Tetrahedron, 2000, 56, 3533-3537.	1.9	81
56	Design and synthesis of macro-heterocycles structurally related to tirofiban. Tetrahedron Letters, 2000, 41, 4737-4742.	1.4	9
57	Solid-phase synthesis of hydroxy-acids leading to macrolactones. Tetrahedron Letters, 2000, 41, 4751-4755.	1.4	8
58	Transannular Dielsâ€“Alder Studies of 14-Membered cis â€“ trans â€“ trans Macrocyclic Trienes Having Allylic Ether or Enone Dienophile. Tetrahedron, 2000, 56, 5509-5522.	1.9	4
59	Design of an organic sequence suitable for the solid phase combinatorial synthesis of libraries of macro-heterocycles. Tetrahedron Letters, 2000, 41, 4743-4749.	1.4	14
60	Differential Reactivity of Î±- and Î²-Anomers of Glycosyl Acceptors in Glycosylations. A Remote Consequence of the endo-Anomeric Effect?. Organic Letters, 2000, 2, 2275-2277.	4.6	31
61	Solid Phase Combinatorial Synthesis of a Library of Macro-Heterocycles and Related Acyclic Compounds. ACS Combinatorial Science, 2000, 2, 615-623.	3.3	17
62	A New Look at the Diels-Alder Transition State. Angewandte Chemie - International Edition, 1998, 37, 3262-3265.	13.8	49
63	Studies directed towards the total synthesis of aldosterone and naturally occurring analogues. A unified approach using the transannular Diels-Alder reaction. Tetrahedron, 1998, 54, 1529-1562.	1.9	21
64	Ab initio and semiempirical corroboration of the observed stereoselectivity in the transannular Diels-Alder reaction leading to steroids. Tetrahedron, 1998, 54, 10089-10110.	1.9	7
65	On the mechanism of the Diels-Alder reaction of enal dienophiles. Competitive reactivity and ab initio calculations using a transannular probe. Tetrahedron, 1998, 54, 12279-12288.	1.9	11
66	Experimental and Theoretical Evidence of Through-Space Electrostatic Stabilization of the Incipient Oxocarbenium Ion by an Axially Oriented Electronegative Substituent During Glycopyranoside Acetolysis. Journal of Organic Chemistry, 1997, 62, 7597-7604.	3.2	140
67	(S)-(+)-4-[7-(2,2-Dimethyl-1-oxopro- poxy)-4-methyl-2-[4-[2-(1-piperidinyl)-ethoxy]phenyl]-2H-1-benzopyran-3-yl]- phenyl 2,2-Dimethylpropanoate (EM-800):Â A Highly Potent, Specific, and Orally Active Nonsteroidal Antiestrogen. Journal of Medicinal Chemistry, 1997, 40, 2117-2122.	6.4	143
68	Transannular Dielsâ€“Alder cyclization of substituted 13-membered trienes. An approach to the B.C.D.[6.6.5] rings of the 14Î²-hydroxysteroids. Canadian Journal of Chemistry, 1996, 74, 129-143.	1.1	8
69	Applications of pentafluorophenylester coupling in the synthesis of cyclodepsipeptides related to valinomycins. Tetrahedron, 1996, 52, 1343-1360.	1.9	13
70	Synthesis of novel potassium selective valinomycins. Tetrahedron, 1996, 52, 1361-1378.	1.9	6
71	Synthesis of phenyl substituted valinomycins. Tetrahedron, 1996, 52, 1379-1388.	1.9	3
72	Formation of Cyclic Ketals from Hydroxyalkyl Enol Ethers, a stereoelectronically controlledendo-trig-cyclization process. Helvetica Chimica Acta, 1996, 79, 41-50.	1.6	7

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73	Hydrolysis of cyclic orthoesters: Experimental observations and theoretical rationalization. Tetrahedron, 1996, 52, 14841-14854.	1.9	23
74	Experimental and Semiempirical Calculation Studies of Transannular Diels-Alder and Other Competing Pericyclic Reactions. Journal of the American Chemical Society, 1995, 117, 518-529.	13.7	18
75	1994 R.U. Lemieux Award Lecture Hydrolysis of acetals and ketals. Position of transition states along the reaction coordinates, and stereoelectronic effects. Canadian Journal of Chemistry, 1994, 72, 2021-2027.	1.1	33
76	First transannular Dielsâ€“Alder reactions involving tetrasubstituted non-activated dienophiles. Canadian Journal of Chemistry, 1994, 72, 1820-1829.	1.1	4
77	Improved methods of synthesis of valinomycins. Tetrahedron Letters, 1989, 30, 1695-1698.	1.4	7