

Jean Jacques Vanden Eynde

List of Publications by Year in descending order

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111
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2,629
citations

172443

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214788

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125
all docs

125
docs citations

125
times ranked

2634
citing authors

#	ARTICLE	IF	CITATIONS
1	Old reagents, new results: Aromatization of Hantzsch 1,4-dihydropyridines with manganese dioxide and 2,3-dichloro-5,6-dicyano-1,4-benzoquinone. <i>Tetrahedron</i> , 1995, 51, 6511-6516.	1.9	159
2	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone, a mild catalyst for the formation of carbon-nitrogen bonds. <i>Tetrahedron</i> , 1995, 51, 5813-5818.	1.9	147
3	A novel application of the oxidizing properties of pyridinium chlorochromate : aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , 1992, 48, 463-468.	1.9	128
4	Potassium permanganate, a versatile reagent for the aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , 1994, 50, 2479-2484.	1.9	109
5	Ultrasound-promoted aromatization of hantzsch 1,4-Dihydropyridines by clay-supported cupric nitrate. <i>Tetrahedron Letters</i> , 1991, 32, 3839-3840.	1.4	98
6	Ionic liquid phase technology supported the three component synthesis of Hantzsch 1,4-dihydropyridines and Biginelli 3,4-dihydropyrimidin-2(1H)-ones under microwave dielectric heating. <i>Tetrahedron</i> , 2005, 61, 12386-12397.	1.9	93
7	Synthesis and Aromatization of Hantzsch 1,4-Dihydropyridines under Microwave Irradiation. An Overview. <i>Molecules</i> , 2003, 8, 381-391.	3.8	89
8	Synthesis and Aromatization of Dihydropyrimidines Structurally Related to Calcium Channel Modulators of the Nifedipine-Type. <i>Heterocycles</i> , 1997, 45, 1967.	0.7	84
9	Ionic liquid phase organic synthesis (IoLiPOS) methodology applied to the three component preparation of 2-thioxo tetrahydropyrimidin-4-(1H)-ones under microwave dielectric heating. <i>Tetrahedron</i> , 2004, 60, 3745-3753.	1.9	67
10	A New and Convenient Method for the Preparation of 2-Substituted Quinazolines. <i>Synthesis</i> , 1993, 1993, 867-869.	2.3	64
11	Progress Confirmed for Pharmaceuticals in 2016. <i>Pharmaceuticals</i> , 2017, 10, 1.	3.8	61
12	2017: A Fruitful Year for Pharmaceuticals. <i>Pharmaceuticals</i> , 2018, 11, 1.	3.8	60
13	Microwave-mediated regioselective synthesis of novel pyrimido[1,2- a]pyrimidines under solvent-free conditions. <i>Tetrahedron</i> , 2001, 57, 1785-1791.	1.9	58
14	Synthesis and Characterization of Novel para- and meta-Phenylenevinylene Derivatives: Fine Tuning of the Electronic and Optical Properties of Conjugated Materials. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6442-6450.	2.6	51
15	Piperazine-linked bisbenzamidines: a novel class of antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 547-553.	5.5	51
16	Liquid-Phase Synthesis of Polyhydroquinoline Using Task-Specific Ionic Liquid Technology. <i>ACS Combinatorial Science</i> , 2006, 8, 829-833.	3.3	45
17	QUATERNARY AMMONIUM SALT-ASSISTED SYNTHESIS OF EXTENDED π -SYSTEMS FROM METHYLDIAZINES AND AROMATIC ALDEHYDES1. <i>Synthetic Communications</i> , 2001, 31, 3167-3173.	2.1	44
18	Microwave-mediated derivatization of poly(styrene-co-allyl alcohol), a key step for the soluble polymer-assisted synthesis of heterocycles. <i>Tetrahedron</i> , 1999, 55, 2687-2694.	1.9	37

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19	A new approach to N-3 functionalized 3,4-dihydropyrimidine-2(1H)-ones with 1,2,4-oxadiazole group as amide isostere via ionic liquid-phase technology. <i>Tetrahedron Letters</i> , 2007, 48, 1063-1068.	1.4	37
20	Novel bisbenzimidazoles with antileishmanial effectiveness. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2658-2661.	2.2	37
21	Novel syntheses of heterocycles with N-(1-Haloalkyl)azinium Halides. Part 2. Preparation of N-Unsubstituted 1,4-Dihydropyridines. <i>Tetrahedron</i> , 1992, 48, 1263-1268.	1.9	36
22	Parallel Solution-Phase Synthesis of Conformationally Restricted Congeners of Pentamidine and Evaluation of Their Antiplasmodial Activities. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2700-2705.	6.4	36
23	QUATERNARY AMMONIUM SALT-ASSISTED ORGANIC REACTIONS IN WATER: ALKYLATION OF PHENOLS. <i>Synthetic Communications</i> , 2001, 31, 1-7.	2.1	34
24	Synthesis of 3,5-disubstituted 1,2,4-oxadiazoles using ionic liquid-phase organic synthesis (IoLiPOS) methodology. <i>Tetrahedron</i> , 2010, 66, 986-994.	1.9	34
25	Baricitinib: A 2018 Novel FDA-Approved Small Molecule Inhibiting Janus Kinases. <i>Pharmaceuticals</i> , 2019, 12, 37.	3.8	34
26	An Improved One-Pot Method for the Preparation of 2-Substituted 1H-Perimidines. <i>Synthetic Communications</i> , 1991, 21, 2171-2180.	2.1	33
27	In Vitro Selection and In Vivo Efficacy of Piperazine- and Alkanediamide-Linked Bisbenzamidines against <i>Pneumocystis Pneumonia</i> in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2337-2343.	3.2	31
28	COVID-19: A Brief Overview of the Discovery Clinical Trial. <i>Pharmaceuticals</i> , 2020, 13, 65.	3.8	30
29	Hydrogen Transfer from Hantzsch 1,4-Dihydropyridines to Carbon-Carbon Double Bonds under Microwave Irradiation. <i>Molecules</i> , 2002, 7, 528-533.	3.8	29
30	Highly Active Anti- <i>Pneumocystis carinii</i> Compounds in a Library of Novel Piperazine-Linked Bisbenzamidines and Related Compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4209-4216.	3.2	29
31	Spontaneous Spreading of Liquid Droplets on Mixed Alkanethiol Monolayers: Dynamics of Wetting and Wetting Transition. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6225-6232.	2.6	27
32	Fragment-Based Design of Symmetrical Bis-benzimidazoles as Selective Inhibitors of the Trimethoprim-Resistant, Type II R67 Dihydrofolate Reductase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3182-3192.	6.4	26
33	Ionic liquid phase organic synthesis (IoLiPOS) methodology applied to the preparation of new 3,4-dihydropyrimidine-2(1H)-ones bearing bioisostere group in N-3 position. <i>Tetrahedron</i> , 2008, 64, 5328-5335.	1.9	25
34	Synthesis and SAR of alkanediamide-linked bisbenzamidines with anti-trypanosomal and anti-pneumocystis activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5884-5886.	2.2	25
35	N-(1-haloalkyl)pyridinium salts: preparation and use for new syntheses of other N-(1-substituted-alkyl)pyridinium salts, N,N'-(1-alkylidene)bisamines, and N,N'-(1-alkylidene)bisbenzazoles. <i>Journal of Organic Chemistry</i> , 1989, 54, 4808-4812.	3.2	24
36	Novel bisbenzamidines as potential drug candidates for the treatment of <i>Pneumocystis carinii</i> pneumonia. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4545-4548.	2.2	23

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37	PPARs: Interference with Warburg TM Effect and Clinical Anticancer Trials. PPAR Research, 2012, 2012, 1-23.	2.4	23
38	Synthèse de 1 <i>H</i> -pyrazolo[3,4- <i>b</i>]pyridines et de pyrazolo[1,5- <i>a</i>]pyrimidines. Journal of Heterocyclic Chemistry, 1979, 16, 773-777.	2.6	22
39	Trypanocidal activity of piperazine-linked bisbenzamidines and bisbenzamidoxime, an orally active prodrug. International Journal of Antimicrobial Agents, 2007, 30, 555-561.	2.5	21
40	1,4-Diarylpiperazines and analogs as anti-tubercular agents: Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2012, 49, 95-101.	5.5	19
41	Rate-Determining Effects in the Formation of <i>N</i> -(1-Haloalkyl)heteroarylium Halides. Chemische Berichte, 1991, 124, 2013-2017.	0.2	18
42	Microwave-Mediated Domino Reactions in Dry Medium. Preparation of Dihydropyridinones and Pyridinones Structurally Related to Hantzsch Esters.. Synthetic Communications, 1997, 27, 3683-3690.	2.1	18
43	The chemistry of <i>N</i> -substituted benzotriazoles. Part 20. Mono- <i>N</i> - <i>t</i> -butylation of aromatic and heteroaromatic amines. Journal of the Chemical Society Perkin Transactions 1, 1989, , 639.	0.9	17
44	Novel Syntheses of Heterocycles with <i>N</i> -(1-Haloalkyl)Azinium Halides. Part 4. An Unexpected One-Pot Preparation of 1 <i>H</i> -Perimidines. Synthetic Communications, 1992, 22, 3141-3150.	2.1	17
45	An Unusual Aromatization of Hantzsch-type 4-Antipyril-1,4-dihydropyridines. Heterocycles, 1994, 37, 815.	0.7	17
46	Batch and Continuous Flow Preparation of Hantzsch 1,4-Dihydropyridines under Microwave Heating and Simultaneous Real-time Monitoring by Raman Spectroscopy. An Exploratory Study. Molecules, 2014, 19, 9986-9998.	3.8	16
47	Polymer-assisted synthesis of ethyl 2-amino-4,6-diarylpyrimidine-5-carboxylates. Arkivoc, 2004, 2003, 22-28.	0.5	16
48	Ultrasound-promoted benzylation of arenes in the presence of zinc chloride mixed with a K10 clay. Tetrahedron Letters, 1995, 36, 3133-3136.	1.4	15
49	A SIMPLE ROUTE TO NOVEL 3-(5-AMINO-1 <i>H</i> -PYRAZOL-4- <i>YL</i>)-5-METHYL-4 <i>H</i> -1,2,4-TRIAZOLES. Heterocyclic Communications, 2000, 6, .	1.2	15
50	1,2-Ethane bis-1-amino-4-benzamidine is active against several brain insult and seizure challenges through anti-NMDA mechanisms targeting the 3 <i>H</i> -TCP binding site and antioxidant action. European Journal of Medicinal Chemistry, 2010, 45, 3101-3110.	5.5	15
51	Bis(oxyphenylene)benzimidazoles: A novel class of anti-Plasmodium falciparum agents. Bioorganic and Medicinal Chemistry, 2011, 19, 7493-7500.	3.0	15
52	Some non-conventional biomolecular targets for diamidines. A short survey. Bioorganic and Medicinal Chemistry, 2014, 22, 1983-1992.	3.0	15
53	Anti-plasmodial and anti-leishmanial activity of conformationally restricted pentamidine congeners. Journal of Pharmacy and Pharmacology, 2010, 58, 1033-1042.	2.4	13
54	An Expedient Route to 1 <i>H</i> -Benzimidazoles and 1 <i>H</i> -imidazopyridines. Bulletin Des Sociétés Chimiques Belges, 1993, 102, 357-364.	0.0	13

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55	Biological evaluation of bisbenzaldehydes against four Mycobacterium species. European Journal of Medicinal Chemistry, 2013, 63, 731-738.	5.5	13
56	How Efficient Is My (Medicinal) Chemistry?. Pharmaceuticals, 2016, 9, 26.	3.8	12
57	BENTONITE K10 CLAY, AN EFFICIENT CATALYST FOR THE FORMATION OF NITROGEN DERIVATIVES. Bulletin Des Sociétés Chimiques Belges, 1995, 104, 387-392.	0.0	11
58	Pentamidine analogs as inhibitors of [3H]MK-801 and [3H]ifenprodil binding to rat brain NMDA receptors. Bioorganic and Medicinal Chemistry, 2015, 23, 4489-4500.	3.0	11
59	Surfactant-assisted organic reactions in water. Effect of ultrasound on condensation reactions between active methylene compounds and arylaldehydes. Ultrasonics Sonochemistry, 2001, 8, 35-39.	8.2	10
60	Synthesis of π -Conjugated Systems from Methyl Diazines and Aromatic Aldehydes under PTC Conditions and without Organic Solvent. Letters in Organic Chemistry, 2004, 1, 112-118.	0.5	10
61	Design and Synthesis of N1,N5-bis[4-(5-Alkyl-1,2,4-oxadiazol-3-yl)phenyl]glutaramides as Potential Antifungal Prodrugs. Molecules, 2013, 18, 11250-11263.	3.8	10
62	COVID-19: An Update about the Discovery Clinical Trial. Pharmaceuticals, 2020, 13, 98.	3.8	10
63	Synthesis of 5-amino-4, 5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. Tetrahedron, 1987, 43, 4185-4193.	1.9	9
64	Antitumor and Anti-Pneumocystis Carinii Activities of Novel Bisbenzamidines. Medicinal Chemistry Research, 2005, 14, 143-157.	2.4	9
65	Sequential synthesis of a new analogue of amlodipine bearing a short amino polyethyleneglycol chain. Tetrahedron, 2007, 63, 12081-12086.	1.9	9
66	Three optimized and validated (using accuracy profiles) LC methods for the determination of pentamidine and new analogs in rat plasma. Talanta, 2011, 83, 832-839.	5.5	9
67	Tafenoquine: A 2018 Novel FDA-Approved Prodrug for the Radical Cure of Plasmodium vivax Malaria and Prophylaxis of Malaria. Pharmaceuticals, 2019, 12, 115.	3.8	9
68	Dual-Target Inhibitors of the Folate Pathway Inhibit Intrinsically Trimethoprim-Resistant DfrB Dihydrofolate Reductases. ACS Medicinal Chemistry Letters, 2020, 11, 2261-2267.	2.8	9
69	<i>N</i> -(2-(Naphthyloxy)methyl) benzazoles: Synthesis and Investigation by X-ray Analysis and by Semiempirical MO Calculations. Chemische Berichte, 1990, 123, 1185-1191.	0.2	8
70	Chemistry of N-(1-haloalkyl)heteroarylium salts. Advances in Heterocyclic Chemistry, 2000, 77, 183-219.	1.7	8
71	Synthesis and characterization of novel oligo(phenylenevinylene) derivatives. Synthetic Metals, 2001, 119, 183-184.	3.9	8
72	Evidences for the formation of bisbenzamidine-heme complexes in cell-free systems. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1625-1628.	2.2	8

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73	Bisbenzamidines as Antifungal Agents. Are Both Amidine Functions Required to Observe an Anti-Pneumocystis carinii Activity?. <i>Molecules</i> , 2010, 15, 4283-4293.	3.8	8
74	Potential of bisbenzimidazole analogs toward metronidazole-resistant <i>Trichomonas vaginalis</i> isolates. <i>Chemical Biology and Drug Design</i> , 2017, 90, 489-495.	3.2	8
75	Designing a high performance, stable spectroscopic biosensor for the binding of large and small molecules. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 443-454.	9.4	8
76	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes. <i>Molecules</i> , 2020, 25, 119.	3.8	8
77	Insoluble versus soluble polymer-assisted synthesis. A first approach for the preparation of a Biginelli compound. <i>Arkivoc</i> , 2003, 2003, 93-101.	0.5	8
78	Quantification of the trichothecene Verrucarin-A in environmental samples using an antibody-based spectroscopic biosensor. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 549-555.	7.8	7
79	Evaluation of bisbenzamidines as inhibitors for matriptase-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3741-3745.	2.2	7
80	Structure-Based Design of Dimeric Bisbenzimidazole Inhibitors to an Emergent Trimethoprim-Resistant Type II Dihydrofolate Reductase Guides the Design of Monomeric Analogues. <i>ACS Omega</i> , 2019, 4, 10056-10069.	3.5	7
81	Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. <i>ACS Omega</i> , 2019, 4, 18126-18135.	3.5	7
82	Synthesis of 5-amino-4,5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. <i>Tetrahedron</i> , 1987, 43, 4195-4202.	1.9	6
83	The \pm -asarone/clofibrate hybrid compound, 2-methoxy-4-(2-propenyl)phenoxyacetic acid (MPPA), is endowed with neuroprotective and anticonvulsant potentialities. <i>Biomedicine and Aging Pathology</i> , 2011, 1, 210-215.	0.8	6
84	1-(Arylchloromethyl)pyridinium chlorides. Investigation by X-ray single crystal diffraction and semiempirical (PM3, AM1, MNDO) calculations. <i>Journal of Molecular Structure</i> , 1998, 442, 55-63.	3.6	5
85	Ultra high performance liquid chromatography method for the determination of pentamidine and analog in rat biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 54-60.	2.8	5
86	Alkanediamide-Linked Bisbenzamidines Are Promising Antiparasitic Agents. <i>Pharmaceuticals</i> , 2016, 9, 20.	3.8	5
87	Pharmaceuticals: Impact Factor or CiteScore. <i>Pharmaceuticals</i> , 2017, 10, 61.	3.8	5
88	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes. <i>Molecules</i> , 2019, 24, 2415.	3.8	5
89	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes. <i>Molecules</i> , 2020, 25, 2968.	3.8	5
90	Diamidines versus Monoamidines as Anti-Pneumocystis Agents: An in Vivo Study. <i>Pharmaceuticals</i> , 2013, 6, 837-850.	3.8	4

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91	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“4. Molecules, 2019, 24, 130.	3.8	4
92	New pyridine-containing non-cyclic and macrocyclic Schiff bases: synthesis and interferon-inducing activity. Arkivoc, 2004, 2004, 118-127.	0.5	4
93	Rateâ€“Determining Effects in the Formation of Hantzsch 1,4â€“Dihydropyridines from <i>N</i> -(1-Haloalkyl)azinium Halides and Methyl 3-â€“Aminoâ€“2-â€“butenoate. Chemische Berichte, 1993, 126, 0.2 1251-1252.	0.2	3
94	Novel Isothiocyanato Esters Appended to Task-Specific Ionic Liquid as New Tools For Ionic Liquid Phase Organic Synthesis (IoLiPOS). Synthesis, 2004, 2004, 1793-1798.	2.3	3
95	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes. Molecules, 2017, 22, 743.	3.8	3
96	COVID-19: Failure of the DisCoVeRy Clinical Trial, and Nowâ€“New Hopes?. Pharmaceuticals, 2021, 14, 664.	3.8	3
97	2015: A Transition Year for Pharmaceuticals?. Pharmaceuticals, 2016, 9, 6.	3.8	2
98	Announcing the 2016 Pharmaceuticals Travel Award for Young Investigators. Pharmaceuticals, 2016, 9, 35.	3.8	2
99	Optical and thermal properties of novel diazine-based oligo(phenylene vinylene)s. E-Polymers, 2003, 3, .	3.0	1
100	Synthesis and application of ionic liquid phase-supported β -aminocrotonate for access to asymmetric 1,4-dihydropyridines.. Heterocyclic Communications, 2009, 15, .	1.2	1
101	First International Electronic Conference on Medicinal Chemistry (ECMC-1). Pharmaceuticals, 2016, 9, 14.	3.8	1
102	Announcing the 2017 Pharmaceuticals Travel Award for Young Post-Doctoral Researchers. Pharmaceuticals, 2017, 10, 48.	3.8	1
103	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes-3. Molecules, 2018, 23, 1596.	3.8	1
104	2019: An Awesome Year for Pharmaceuticals. Pharmaceuticals, 2020, 13, 6.	3.8	1
105	Task-specific ionic liquid technology applied to the synthesis of Biginelli 3,4-dihydropyrimidine-2(1H)-ones: A three-component condensation protocol based on ionic liquid phase bound acetoacetate. Arkivoc, 2007, 2007, 13-28.	0.5	1
106	Evidence for a Robinson-like annelation during the reaction between N-(1-chloroalkyl)pyridinium chlorides and N-substituted enaminoesters. Arkivoc, 2000, 2000, 63-73.	0.5	1
107	From a three-component synthesis to multistep cascade reactions. Twenty years of chemistry of N-(1-haloalkyl)azinium halides. Arkivoc, 2007, 2007, 96-113.	0.5	1
108	Ionic Liquid Phase Organic Synthesis (IoLiPOS) Methodology Applied to the Three Component Preparation of 2-Thioxo Tetrahydropyrimidin-4-(1H)-ones under Microwave Dielectric Heating.. ChemInform, 2004, 35, no.	0.0	0

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109	Piperazine-Linked Bisbenzamidines: A Novel Class of Antileishmanial Agents.. ChemInform, 2004, 35, no.	0.0	0
110	A Facile Synthesis of new 3-Hydroxy-1-Phenylpyrano[2,3-b]Pyrazol-6(1H)-ones. Bulletin Des Sociétés Chimiques Belges, 1993, 102, 295-296.	0.0	0
111	Pharmaceuticals Best Paper Award 2015. Pharmaceuticals, 2015, 8, 277-278.	3.8	0