

# Jean Jacques Vanden Eynde

## 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.

91  
papers

2,277  
citations

27  
h-index

43  
g-index

125  
ext. papers

2,451  
ext. citations

3.7  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
91	COVID-19: An Update About the Discovery Clinical Trial. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	8
90	COVID-19: A Brief Overview of the Discovery Clinical Trial. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	25
89	Dual-Target Inhibitors of the Folate Pathway Inhibit Intrinsically Trimethoprim-Resistant DfrB Dihydrofolate Reductases. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 2261-2267	4.3	5
88	Baricitinib: A 2018 Novel FDA-Approved Small Molecule Inhibiting Janus Kinases. <i>Pharmaceuticals</i> , <b>2019</b> , 12,	5.2	16
87	Tafenoquine: A 2018 Novel FDA-Approved Prodrug for the Radical Cure of Malaria and Prophylaxis of Malaria. <i>Pharmaceuticals</i> , <b>2019</b> , 12,	5.2	3
86	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> , <b>2019</b> , 4, 10056-10069	3.9	5
85	Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. <i>ACS Omega</i> , <b>2019</b> , 4, 18126-18135	3.9	4
84	Designing a high performance, stable spectroscopic biosensor for the binding of large and small molecules. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 443-454	9.3	6
83	Evaluation of bisbenzamidines as inhibitors for matriptase-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 3741-5	2.9	6
82	Alkanediamide-Linked Bisbenzamidines Are Promising Antiparasitic Agents. <i>Pharmaceuticals</i> , <b>2016</b> , 9,	5.2	4
81	How Efficient Is My (Medicinal) Chemistry?. <i>Pharmaceuticals</i> , <b>2016</b> , 9,	5.2	7
80	First International Electronic Conference on Medicinal Chemistry (ECMC-1). <i>Pharmaceuticals</i> , <b>2016</b> , 9, 14	5.2	0
79	Pentamidine analogs as inhibitors of [(3)H]MK-801 and [(3)H]ifenprodil binding to rat brain NMDA receptors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 4489-4500	3.4	10
78	Pharmaceuticals Best Paper Award 2015. <i>Pharmaceuticals</i> , <b>2015</b> , 8, 277-8	5.2	
77	Some non-conventional biomolecular targets for diamidines. A short survey. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 1983-92	3.4	13
76	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> , <b>2014</b> , 95, 54-60	3.5	4
75	Batch and continuous flow preparation of Hantzsch 1,4-dihydropyridines under microwave heating and simultaneous real-time monitoring by Raman spectroscopy. An exploratory study. <i>Molecules</i> , <b>2014</b> , 19, 9986-98	4.8	13

74	Biological evaluation of bisbenzaldehydes against four Mycobacterium species. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 63, 731-8	6.8	11
73	Diamidines versus Monoamidines as Anti-Pneumocystis Agents: An in Vivo Study. <i>Pharmaceuticals</i> , <b>2013</b> , 6, 837-50	5.2	3
72	Design and synthesis of N,N-bis[4-(5-alkyl-1,2,4-oxadiazol-3-yl)phenyl]glutaramides as potential antifungal prodrugs. <i>Molecules</i> , <b>2013</b> , 18, 11250-63	4.8	7
71	1,4-diarylpiperazines and analogs as anti-tubercular agents: synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 49, 95-101	6.8	15
70	Quantification of the trichothecene Verrucaric-A in environmental samples using an antibody-based spectroscopic biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 166-167, 549-555	8.5	7
69	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> , <b>2012</b> , 55, 3182-92	8.3	23
68	PPARs: Interference with Warburg Effect and Clinical Anticancer Trials. <i>PPAR Research</i> , <b>2012</b> , 2012, 3047-60	4.9	20
67	The Fasarone/clofibrate hybrid compound, 2-methoxy-4-(2-propenyl)phenoxyacetic acid (MPPA), is endowed with neuroprotective and anticonvulsant potentialities. <i>Biomedicine and Aging Pathology</i> , <b>2011</b> , 1, 210-215		4
66	Three optimized and validated (using accuracy profiles) LC methods for the determination of pentamidine and new analogs in rat plasma. <i>Talanta</i> , <b>2011</b> , 83, 832-9	6.2	9
65	Bis(oxyphenylene)benzimidazoles: a novel class of anti-Plasmodium falciparum agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 7493-500	3.4	12
64	Bisbenzamidines as antifungal agents. are both amidine functions required to observe an anti-Pneumocystis carinii activity?. <i>Molecules</i> , <b>2010</b> , 15, 4283-93	4.8	6
63	1,2-ethane bis-1-amino-4-benzimidine is active against several brain insult and seizure challenges through anti-NMDA mechanisms targeting the 3H-TCP binding site and antioxidant action. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 3101-10	6.8	13
62	Synthesis of 3,5-disubstituted 1,2,4-oxadiazoles using ionic liquid-phase organic synthesis (IoLiPOS) methodology. <i>Tetrahedron</i> , <b>2010</b> , 66, 986-994	2.4	33
61	A Facile Synthesis of new 3-Hydroxy-1-Phenylpyrano[2,3-c]Pyrazol-6(1H)-Ones. <i>Bulletin Des Sociétés Chimiques Belges</i> , <b>2010</b> , 102, 295-296		
60	An Expedient Route to 1H-Benzimidazoles and 1H-Imidazopyridines. <i>Bulletin Des Sociétés Chimiques Belges</i> , <b>2010</b> , 102, 357-364		11
59	BENTONITE K10 CLAY, AN EFFICIENT CATALYST FOR THE FORMATION OF NITROGEN DERIVATIVES. <i>Bulletin Des Sociétés Chimiques Belges</i> , <b>2010</b> , 104, 387-392		10
58	Synthesis and application of ionic liquid phase-supported $\beta$ -aminocrotonate for access to asymmetric 1,4-dihydropyridines.. <i>Heterocyclic Communications</i> , <b>2009</b> , 15,	1.7	1
57	Synthesis and SAR of alkanediamide-linked bisbenzamidines with anti-trypanosomal and anti-pneumocystis activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 5884-6	2.9	22

56	Novel bisbenzimidazoles with antileishmanial effectiveness. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 2658-61	2.9	31
55	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> , <b>2008</b> , 64, 5328-5335	2.4	24
54	Trypanocidal activity of piperazine-linked bisbenzamidines and bisbenzamidoxime, an orally active prodrug. <i>International Journal of Antimicrobial Agents</i> , <b>2007</b> , 30, 555-61	14.3	17
53	Sequential synthesis of a new analogue of amlodipine bearing a short amino polyethyleneglycol chain. <i>Tetrahedron</i> , <b>2007</b> , 63, 12081-12086	2.4	8
52	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> , <b>2007</b> , 48, 1063-1068	2	35
51	Anti-plasmodial and anti-leishmanial activity of conformationally restricted pentamidine congeners. <i>Journal of Pharmacy and Pharmacology</i> , <b>2006</b> , 58, 1033-42	4.8	12
50	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> , <b>2006</b> , 50, 2337-43	5.9	26
49	Liquid-phase synthesis of polyhydroquinoline using task-specific ionic liquid technology. <i>ACS Combinatorial Science</i> , <b>2006</b> , 8, 829-33		42
48	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> , <b>2005</b> , 61, 12386-12397	2.4	87
47	Antitumor and Anti- <i>Pneumocystis Carinii</i> Activities of Novel Bisbenzamidines. <i>Medicinal Chemistry Research</i> , <b>2005</b> , 14, 143-157	2.2	8
46	Novel Isothiocyanato Esters Appended to Task-Specific Ionic Liquid as New Tools For Ionic Liquid Phase Organic Synthesis (IoLiPOS). <i>Synthesis</i> , <b>2004</b> , 2004, 1793-1798	2.9	3
45	Synthesis of $\pi$ -Conjugated Systems from Methyldiazines and Aromatic Aldehydes under PTC Conditions and without Organic Solvent. <i>Letters in Organic Chemistry</i> , <b>2004</b> , 1, 112-118	0.6	7
44	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> , <b>2004</b> , 48, 4209-16	5.9	28
43	Evidences for the formation of bisbenzamidine-heme complexes in cell-free systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 1625-8	2.9	8
42	Novel bisbenzamidines as potential drug candidates for the treatment of <i>Pneumocystis carinii pneumonia</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 4545-8	2.9	23
41	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> , <b>2004</b> , 60, 3745-3753	2.4	62
40	Piperazine-linked bisbenzamidines: a novel class of antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2004</b> , 39, 547-53	6.8	43
39	Parallel solution-phase synthesis of conformationally restricted congeners of pentamidine and evaluation of their antiplasmodial activities. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 2700-5	8.3	35

38	Polymer-assisted synthesis of ethyl 2-amino-4,6-diarylpyrimidine-5-carboxylates. <i>Arkivoc</i> , <b>2004</b> , 2003, 22-28	0.9	15
37	New pyridine-containing non-cyclic and macrocyclic Schiff bases: synthesis and interferon-inducing activity. <i>Arkivoc</i> , <b>2004</b> , 2004, 118-127	0.9	4
36	Synthesis and Aromatization of Hantzsch 1,4-Dihydropyridines under Microwave Irradiation. An Overview. <i>Molecules</i> , <b>2003</b> , 8, 381-391	4.8	80
35	Insoluble versus soluble polymer-assisted synthesis. A first approach for the preparation of a Biginelli compound. <i>Arkivoc</i> , <b>2003</b> , 2003, 93-101	0.9	8
34	Hydrogen Transfer from Hantzsch 1,4-Dihydropyridines to Carbon-Carbon Double Bonds under Microwave Irradiation. <i>Molecules</i> , <b>2002</b> , 7, 528-533	4.8	28
33	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> , <b>2002</b> , 106, 6442-6450	3.4	46
32	Microwave-mediated regioselective synthesis of novel pyrimido[1,2- a ]pyrimidines under solvent-free conditions. <i>Tetrahedron</i> , <b>2001</b> , 57, 1785-1791	2.4	53
31	Surfactant-assisted organic reactions in water. Effect of ultrasound on condensation reactions between active methylene compounds and arylaldehydes. <i>Ultrasonics Sonochemistry</i> , <b>2001</b> , 8, 35-9	8.9	10
30	QUATERNARY AMMONIUM SALT-ASSISTED ORGANIC REACTIONS IN WATER: ALKYLATION OF PHENOLS. <i>Synthetic Communications</i> , <b>2001</b> , 31, 1-7	1.7	32
29	QUATERNARY AMMONIUM SALT-ASSISTED SYNTHESIS OF EXTENDED $\pi$ SYSTEMS FROM METHYLDIAZINES AND AROMATIC ALDEHYDES <sup>1</sup> . <i>Synthetic Communications</i> , <b>2001</b> , 31, 3167-3173	1.7	36
28	Synthesis and characterization of novel oligo(phenylenevinylene) derivatives. <i>Synthetic Metals</i> , <b>2001</b> , 119, 183-184	3.6	7
27	A SIMPLE ROUTE TO NOVEL 3-(5-AMINO-1H-PYRAZOL-4-YL)-5-METHYL-4H-1,2,4-TRIAZOLES. <i>Heterocyclic Communications</i> , <b>2000</b> , 6,	1.7	15
26	Spontaneous Spreading of Liquid Droplets on Mixed Alkanethiol Monolayers: Dynamics of Wetting and Wetting Transition. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 6225-6232	3.4	25
25	Chemistry of N-(1-haloalkyl)heteroarylium salts. <i>Advances in Heterocyclic Chemistry</i> , <b>2000</b> , 77, 183-219	2.4	5
24	Microwave-mediated derivatization of poly(styrene-co-allyl alcohol), a key step for the soluble polymer-assisted synthesis of heterocycles. <i>Tetrahedron</i> , <b>1999</b> , 55, 2687-2694	2.4	35
23	1-(Arylchloromethyl)pyridinium chlorides. Investigation by X-ray single crystal diffraction and semiempirical (PM3, AM1, MNDO) calculations. <i>Journal of Molecular Structure</i> , <b>1998</b> , 442, 55-63	3.4	5
22	Synthesis and Aromatization of Dihydropyrimidines Structurally Related to Calcium Channel Modulators of the Nifedipine-Type. <i>Heterocycles</i> , <b>1997</b> , 45, 1967	0.8	81
21	Microwave-Mediated Domino Reactions in Dry Medium. Preparation of Dihydropyridinones and Pyridinones Structurally Related to Hantzsch Esters.. <i>Synthetic Communications</i> , <b>1997</b> , 27, 3683-3690	1.7	13

20	2,3-Dichloro-5,6-dicyano-1,4-benzoquinone, a mild catalyst for the formation of carbon-nitrogen bonds. <i>Tetrahedron</i> , <b>1995</b> , 51, 5813-5818	2.4	142
19	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> , <b>1995</b> , 51, 6511-6516	2.4	139
18	Ultrasound-promoted benzylation of arenes in the presence of zinc chloride mixed with a K10 clay. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 3133-3136	2	12
17	Potassium permanganate, a versatile reagent for the aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , <b>1994</b> , 50, 2479-2484	2.4	96
16	An Unusual Aromatization of Hantzsch-type 4-Antipyril-1,4-dihydropyridines. <i>Heterocycles</i> , <b>1994</b> , 37, 815	0.8	15
15	A New and Convenient Method for the Preparation of 2-Substituted Quinazolines. <i>Synthesis</i> , <b>1993</b> , 1993, 867-869	2.9	57
14	Rate-Determining Effects in the Formation of Hantzsch 1,4-Dihydropyridines from N-(1-Haloalkyl)azinium Halides and Methyl 3-Amino-2-butenate. <i>Chemische Berichte</i> , <b>1993</b> , 126, 1251-1252		2
13	Novel Syntheses of Heterocycles with N-(1-Haloalkyl)Azinium Halides. Part 4. An Unexpected One-Pot Preparation of 1H-Perimidines. <i>Synthetic Communications</i> , <b>1992</b> , 22, 3141-3150	1.7	15
12	A novel application of the oxidizing properties of pyridinium chlorochromate : aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , <b>1992</b> , 48, 463-468	2.4	113
11	Novel syntheses of heterocycles with N-(1-Haloalkyl)azinium Halides. Part 2. Preparation of N-Unsubstituted 1,4-Dihydropyridines. <i>Tetrahedron</i> , <b>1992</b> , 48, 1263-1268	2.4	33
10	Rate-Determining Effects in the Formation of N-(1-Haloalkyl)heteroarylium Halides. <i>Chemische Berichte</i> , <b>1991</b> , 124, 2013-2017		17
9	Ultrasound-promoted aromatization of hantzsch 1,4-Dihydropyridines by clay-supported cupric nitrate. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 3839-3840	2	88
8	An Improved One-Pot Method for the Preparation of 2-Substituted 1H-Perimidines. <i>Synthetic Communications</i> , <b>1991</b> , 21, 2171-2180	1.7	29
7	N-[(2-Naphthoxy)methyl] benzazoles: Synthesis and Investigation by X-ray Analysis and by Semiempirical MO Calculations. <i>Chemische Berichte</i> , <b>1990</b> , 123, 1185-1191		5
6	N-(1-haloalkyl)pyridinium salts: preparation and use for new syntheses of other N-(1-substituted-alkyl)pyridinium salts, N,NP(1-alkylidene)bisamines, and N,NP(1-alkylidene)bisbenzazoles. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 4808-4812	4.2	23
5	The chemistry of N-substituted benzotriazoles. Part 20. Mono-N-t-butylation of aromatic and heteroaromatic amines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1989</b> , 639		12
4	Synthesis of 5-amino-4, 5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. <i>Tetrahedron</i> , <b>1987</b> , 43, 4185-4193	2.4	6
3	Synthesis of 5-amino-4,5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. <i>Tetrahedron</i> , <b>1987</b> , 43, 4195-4202	2.4	5

- 2 Etudes spectroscopiques de  $\beta$ -aminones N-substituées par un cycle pyrazolique. *Journal of Molecular Structure*, **1979**, 52, 225-229 3.4 2
- 1 Synthèse de 1H-pyrazolo[3,4-b]pyridines et de pyrazolo[1,5-a]pyrimidines. *Journal of Heterocyclic Chemistry*, **1979**, 16, 773-777 1.9 19