

Jean Jacques Vanden Eynde

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91
papers

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h-index

43
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125
ext. papers

2,451
ext. citations

3.7
avg, IF

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L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 91 | 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 | 2.4 | 142 |
| 90 | 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 | 2.4 | 139 |
| 89 | A novel application of the oxidizing properties of pyridinium chlorochromate : aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , 1992 , 48, 463-468 | 2.4 | 113 |
| 88 | Potassium permanganate, a versatile reagent for the aromatization of Hantzsch 1,4-dihydropyridines. <i>Tetrahedron</i> , 1994 , 50, 2479-2484 | 2.4 | 96 |
| 87 | Ultrasound-promoted aromatization of hantzsch 1,4-Dihydropyridines by clay-supported cupric nitrate. <i>Tetrahedron Letters</i> , 1991 , 32, 3839-3840 | 2 | 88 |
| 86 | 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 | 2.4 | 87 |
| 85 | Synthesis and Aromatization of Dihydropyrimidines Structurally Related to Calcium Channel Modulators of the Nifedipine-Type. <i>Heterocycles</i> , 1997 , 45, 1967 | 0.8 | 81 |
| 84 | Synthesis and Aromatization of Hantzsch 1,4-Dihydropyridines under Microwave Irradiation. An Overview. <i>Molecules</i> , 2003 , 8, 381-391 | 4.8 | 80 |
| 83 | 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 | 2.4 | 62 |
| 82 | A New and Convenient Method for the Preparation of 2-Substituted Quinazolines. <i>Synthesis</i> , 1993 , 1993, 867-869 | 2.9 | 57 |
| 81 | Microwave-mediated regioselective synthesis of novel pyrimido[1,2- a]pyrimidines under solvent-free conditions. <i>Tetrahedron</i> , 2001 , 57, 1785-1791 | 2.4 | 53 |
| 80 | 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 | 3.4 | 46 |
| 79 | Piperazine-linked bisbenzamidines: a novel class of antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 547-53 | 6.8 | 43 |
| 78 | Liquid-phase synthesis of polyhydroquinoline using task-specific ionic liquid technology. <i>ACS Combinatorial Science</i> , 2006 , 8, 829-33 | | 42 |
| 77 | QUATERNARY AMMONIUM SALT-ASSISTED SYNTHESIS OF EXTENDED π SYSTEMS FROM METHYLDIAZINES AND AROMATIC ALDEHYDES ¹ . <i>Synthetic Communications</i> , 2001 , 31, 3167-3173 | 1.7 | 36 |
| 76 | A new approach to N-3 functionalized 3,4-dihydropyrimidin-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 | 2 | 35 |
| 75 | Parallel solution-phase synthesis of conformationally restricted congeners of pentamidine and evaluation of their antiplasmodial activities. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 2700-5 | 8.3 | 35 |

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|----|--|-----|----|
| 74 | 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 | 2.4 | 35 |
| 73 | Synthesis of 3,5-disubstituted 1,2,4-oxadiazoles using ionic liquid-phase organic synthesis (IoLiPOS) methodology. <i>Tetrahedron</i> , 2010 , 66, 986-994 | 2.4 | 33 |
| 72 | 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 | 2.4 | 33 |
| 71 | QUATERNARY AMMONIUM SALT-ASSISTED ORGANIC REACTIONS IN WATER: ALKYLATION OF PHENOLS. <i>Synthetic Communications</i> , 2001 , 31, 1-7 | 1.7 | 32 |
| 70 | Novel bisbenzimidazoles with antileishmanial effectiveness. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 2658-61 | 2.9 | 31 |
| 69 | An Improved One-Pot Method for the Preparation of 2-Substituted 1H-Perimidines. <i>Synthetic Communications</i> , 1991 , 21, 2171-2180 | 1.7 | 29 |
| 68 | Highly active anti-Pneumocystis carinii compounds in a library of novel piperazine-linked bisbenzamidines and related compounds. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 4209-16 | 5.9 | 28 |
| 67 | Hydrogen Transfer from Hantzsch 1,4-Dihydropyridines to Carbon-Carbon Double Bonds under Microwave Irradiation. <i>Molecules</i> , 2002 , 7, 528-533 | 4.8 | 28 |
| 66 | In vitro selection and in vivo efficacy of piperazine- and alkanediamide-linked bisbenzamidines against Pneumocystis pneumonia in mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 2337-43 | 5.9 | 26 |
| 65 | COVID-19: A Brief Overview of the Discovery Clinical Trial. <i>Pharmaceuticals</i> , 2020 , 13, | 5.2 | 25 |
| 64 | 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 | 3.4 | 25 |
| 63 | 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 | 2.4 | 24 |
| 62 | 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, 3182-92 | 8.3 | 23 |
| 61 | Novel bisbenzamidines as potential drug candidates for the treatment of Pneumocystis carinii pneumonia. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 4545-8 | 2.9 | 23 |
| 60 | 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> , 1989 , 54, 4808-4812 | 4.2 | 23 |
| 59 | Synthesis and SAR of alkanediamide-linked bisbenzamidines with anti-trypanosomal and anti-pneumocystis activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 5884-6 | 2.9 | 22 |
| 58 | PPARs: Interference with Warburg Effect and Clinical Anticancer Trials. <i>PPAR Research</i> , 2012 , 2012, 3047-60 | 4.9 | 20 |
| 57 | Synthèse de 1H-pyrazolo[3,4-b] pyridines et de pyrazolo[1,5-a] pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 1979 , 16, 773-777 | 1.9 | 19 |

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|----|--|------|----|
| 56 | Trypanocidal activity of piperazine-linked bisbenzamidines and bisbenzamidoxime, an orally active prodrug. <i>International Journal of Antimicrobial Agents</i> , 2007 , 30, 555-61 | 14.3 | 17 |
| 55 | Rate-Determining Effects in the Formation of N-(1-Haloalkyl)heteroarylium Halides. <i>Chemische Berichte</i> , 1991 , 124, 2013-2017 | | 17 |
| 54 | Baricitinib: A 2018 Novel FDA-Approved Small Molecule Inhibiting Janus Kinases. <i>Pharmaceuticals</i> , 2019 , 12, | 5.2 | 16 |
| 53 | 1,4-diarylpiperazines and analogs as anti-tubercular agents: synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012 , 49, 95-101 | 6.8 | 15 |
| 52 | A SIMPLE ROUTE TO NOVEL 3-(5-AMINO-1H-PYRAZOL-4-YL)-5-METHYL-4H-1,2,4-TRIAZOLES. <i>Heterocyclic Communications</i> , 2000 , 6, | 1.7 | 15 |
| 51 | Novel Syntheses of Heterocycles with N-(1-Haloalkyl)Azinium Halides. Part 4. An Unexpected One-Pot Preparation of 1H-Perimidines. <i>Synthetic Communications</i> , 1992 , 22, 3141-3150 | 1.7 | 15 |
| 50 | An Unusual Aromatization of Hantzsch-type 4-Antipyril-1,4-dihydropyridines. <i>Heterocycles</i> , 1994 , 37, 815 | 0.8 | 15 |
| 49 | Polymer-assisted synthesis of ethyl 2-amino-4,6-diarylpurimidine-5-carboxylates. <i>Arkivoc</i> , 2004 , 2003, 22-28 | 0.9 | 15 |
| 48 | Some non-conventional biomolecular targets for diamidines. A short survey. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1983-92 | 3.4 | 13 |
| 47 | 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> , 2014 , 19, 9986-98 | 4.8 | 13 |
| 46 | 1,2-ethane bis-1-amino-4-benzamidine 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> , 2010 , 45, 3101-10 | 6.8 | 13 |
| 45 | Microwave-Mediated Domino Reactions in Dry Medium. Preparation of Dihydropyridinones and Pyridinones Structurally Related to Hantzsch Esters.. <i>Synthetic Communications</i> , 1997 , 27, 3683-3690 | 1.7 | 13 |
| 44 | Bis(oxyphenylene)benzimidazoles: a novel class of anti-Plasmodium falciparum agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 7493-500 | 3.4 | 12 |
| 43 | Anti-plasmodial and anti-leishmanial activity of conformationally restricted pentamidine congeners. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 1033-42 | 4.8 | 12 |
| 42 | Ultrasound-promoted benzylation of arenes in the presence of zinc chloride mixed with a K10 clay. <i>Tetrahedron Letters</i> , 1995 , 36, 3133-3136 | 2 | 12 |
| 41 | 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> , 1989 , 639 | | 12 |
| 40 | Biological evaluation of bisbenzaldehydes against four Mycobacterium species. <i>European Journal of Medicinal Chemistry</i> , 2013 , 63, 731-8 | 6.8 | 11 |
| 39 | An Expedient Route to 1H-Benzimidazoles and 1H-Imidazopyridines. <i>Bulletin Des Sociétés Chimiques Belges</i> , 2010 , 102, 357-364 | | 11 |

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|----|---|-----|----|
| 38 | 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> , 2015 , 23, 4489-4500 | 3.4 | 10 |
| 37 | BENTONITE K10 CLAY, AN EFFICIENT CATALYST FOR THE FORMATION OF NITROGEN DERIVATIVES. <i>Bulletin Des Sociétés Chimiques Belges</i> , 2010 , 104, 387-392 | | 10 |
| 36 | Surfactant-assisted organic reactions in water. Effect of ultrasound on condensation reactions between active methylene compounds and arylaldehydes. <i>Ultrasonics Sonochemistry</i> , 2001 , 8, 35-9 | 8.9 | 10 |
| 35 | Three optimized and validated (using accuracy profiles) LC methods for the determination of pentamidine and new analogs in rat plasma. <i>Talanta</i> , 2011 , 83, 832-9 | 6.2 | 9 |
| 34 | COVID-19: An Update About the Discovery Clinical Trial. <i>Pharmaceuticals</i> , 2020 , 13, | 5.2 | 8 |
| 33 | Sequential synthesis of a new analogue of amlodipine bearing a short amino polyethyleneglycol chain. <i>Tetrahedron</i> , 2007 , 63, 12081-12086 | 2.4 | 8 |
| 32 | Evidences for the formation of bisbenzamidine-heme complexes in cell-free systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 1625-8 | 2.9 | 8 |
| 31 | Antitumor and Anti-Pneumocystis Carinii Activities of Novel Bisbenzamidines. <i>Medicinal Chemistry Research</i> , 2005 , 14, 143-157 | 2.2 | 8 |
| 30 | Insoluble versus soluble polymer-assisted synthesis. A first approach for the preparation of a Biginelli compound. <i>Arkivoc</i> , 2003 , 2003, 93-101 | 0.9 | 8 |
| 29 | Quantification of the trichothecene Verrucaridin-A in environmental samples using an antibody-based spectroscopic biosensor. <i>Sensors and Actuators B: Chemical</i> , 2012 , 166-167, 549-555 | 8.5 | 7 |
| 28 | Design and synthesis of N,N-bis[4-(5-alkyl-1,2,4-oxadiazol-3-yl)phenyl]glutamamides as potential antifungal prodrugs. <i>Molecules</i> , 2013 , 18, 11250-63 | 4.8 | 7 |
| 27 | Synthesis of β -Conjugated Systems from Methylidiazines and Aromatic Aldehydes under PTC Conditions and without Organic Solvent. <i>Letters in Organic Chemistry</i> , 2004 , 1, 112-118 | 0.6 | 7 |
| 26 | Synthesis and characterization of novel oligo(phenylenevinylene) derivatives. <i>Synthetic Metals</i> , 2001 , 119, 183-184 | 3.6 | 7 |
| 25 | How Efficient Is My (Medicinal) Chemistry?. <i>Pharmaceuticals</i> , 2016 , 9, | 5.2 | 7 |
| 24 | Evaluation of bisbenzamidines as inhibitors for matriptase-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3741-5 | 2.9 | 6 |
| 23 | 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 | 9.3 | 6 |
| 22 | Bisbenzamidines as antifungal agents. are both amidine functions required to observe an anti-Pneumocystis carinii activity?. <i>Molecules</i> , 2010 , 15, 4283-93 | 4.8 | 6 |
| 21 | Synthesis of 5-amino-4, 5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. <i>Tetrahedron</i> , 1987 , 43, 4185-4193 | 2.4 | 6 |

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|----|---|-----|---|
| 20 | 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 | 3.9 | 5 |
| 19 | 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 | 3.4 | 5 |
| 18 | Chemistry of N-(1-haloalkyl)heteroarylium salts. <i>Advances in Heterocyclic Chemistry</i> , 2000 , 77, 183-219 | 2.4 | 5 |
| 17 | N-[(2-Naphthyloxy)methyl] benzazoles: Synthesis and Investigation by X-ray Analysis and by Semiempirical MO Calculations. <i>Chemische Berichte</i> , 1990 , 123, 1185-1191 | | 5 |
| 16 | Synthesis of 5-amino-4,5-dihydropyrazolo [3,4-d] pyrimidin-4-ones and related isomeric systems. <i>Tetrahedron</i> , 1987 , 43, 4195-4202 | 2.4 | 5 |
| 15 | Dual-Target Inhibitors of the Folate Pathway Inhibit Intrinsically Trimethoprim-Resistant DfrB Dihydrofolate Reductases. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 2261-2267 | 4.3 | 5 |
| 14 | Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. <i>ACS Omega</i> , 2019 , 4, 18126-18135 | 3.9 | 4 |
| 13 | 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 | 3.5 | 4 |
| 12 | The Esarone/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 | | 4 |
| 11 | New pyridine-containing non-cyclic and macrocyclic Schiff bases: synthesis and interferon-inducing activity. <i>Arkivoc</i> , 2004 , 2004, 118-127 | 0.9 | 4 |
| 10 | Alkanediamide-Linked Bisbenzamidines Are Promising Antiparasitic Agents. <i>Pharmaceuticals</i> , 2016 , 9, | 5.2 | 4 |
| 9 | Tafenoquine: A 2018 Novel FDA-Approved Prodrug for the Radical Cure of Malaria and Prophylaxis of Malaria. <i>Pharmaceuticals</i> , 2019 , 12, | 5.2 | 3 |
| 8 | Diamidines versus Monoamidines as Anti-Pneumocystis Agents: An in Vivo Study. <i>Pharmaceuticals</i> , 2013 , 6, 837-50 | 5.2 | 3 |
| 7 | Novel Isothiocyanato Esters Appended to Task-Specific Ionic Liquid as New Tools For Ionic Liquid Phase Organic Synthesis (IoLiPOS). <i>Synthesis</i> , 2004 , 2004, 1793-1798 | 2.9 | 3 |
| 6 | 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> , 1993 , 126, 1251-1252 | | 2 |
| 5 | Etudes spectroscopiques de naminones N-substituées par un cycle pyrazolique. <i>Journal of Molecular Structure</i> , 1979 , 52, 225-229 | 3.4 | 2 |
| 4 | Synthesis and application of ionic liquid phase-supported Eaminocrotonate for access to asymmetric 1,4-dihydropyridines.. <i>Heterocyclic Communications</i> , 2009 , 15, | 1.7 | 1 |
| 3 | First International Electronic Conference on Medicinal Chemistry (ECMC-1). <i>Pharmaceuticals</i> , 2016 , 9, 14 | 5.2 | 0 |

2 Pharmaceuticals Best Paper Award 2015. *Pharmaceuticals*, **2015**, 8, 277-8

5.2

1 A Facile Synthesis of new 3-Hydroxy-1-Phenylpyrano[2,3-c]Pyrazol-6(1H)-Ones. *Bulletin Des Sociétés Chimiques Belges*, **2010**, 102, 295-296