# Benoit Vanhollebeke

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 4,491 citations | 257450 24 h-index | 302126 39 g-index |

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|---|---|---|---|
| 48 all docs | 48 docs citations | 48 times ranked | 5785 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Engineered Wnt ligands enable blood-brain barrier repair in neurological disorders. Science, 2022, 375, eabm4459. | 12.6 | 67 |
| 2 | An integrated model for Gpr124 function in Wnt7a/b signaling among vertebrates. Cell Reports, 2022, 39, 110902. | 6.4 | 7 |
| 3 | EVL regulates VEGF receptorâ€2 internalization and signaling in developmental angiogenesis. EMBO Reports, 2021, 22, e48961. | 4.5 | 19 |
| 4 | The Trypanosoma Brucei KIFC1 Kinesin Ensures the Fast Antibody Clearance Required for Parasite Infectivity. IScience, 2020, 23, 101476. | 4.1 | 6 |
| 5 | The expanding functional roles and signaling mechanisms of adhesion G proteinâ€“coupled receptors. Annals of the New York Academy of Sciences, 2019, 1456, 5-25. | 3.8 | 16 |
| 6 | Disruption of the Extracellular Matrix Progressively Impairs Central Nervous System Vascular Maturation Downstream of Î²-Catenin Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1432-1447. | 2.4 | 14 |
| 7 | Low wnt/Î²-catenin signaling determines leaky vessels in the subfornical organ and affects water homeostasis in mice. ELife, 2019, 8, . | 6.0 | 60 |
| 8 | Wnt/Î²-catenin signaling regulates VE-cadherin-mediated anastomosis of brain capillaries by counteracting S1pr1 signaling. Nature Communications, 2018, 9, 4860. | 12.8 | 66 |
| 9 | Biallelic mutations in nucleoporin NUP88 cause lethal fetal akinesia deformation sequence. PLoS Genetics, 2018, 14, e1007845. | 3.5 | 26 |
| 10 | Distinct myocardial lineages break atrial symmetry during cardiogenesis in zebrafish. ELife, 2018, 7, . | 6.0 | 36 |
| 11 | A molecular mechanism for Wnt ligand-specific signaling. Science, 2018, 361, . | 12.6 | 169 |
| 12 | Defective adgra2 (gpr124) splicing and function in zebrafish ouchless mutants. Development (Cambridge), 2017, 144, 8-11. | 2.5 | 8 |
| 13 | The Trypanosoma brucei TbHrg protein is a heme transporter involved in the regulation of stage-specific morphological transitions. Journal of Biological Chemistry, 2017, 292, 6998-7010. | 3.4 | 27 |
| 14 | APOLs with low pH dependence can kill all African trypanosomes. Nature Microbiology, 2017, 2, 1500-1506. | 13.3 | 27 |
| 15 | Naloxonazine, an Amastigote-Specific Compound, Affects Leishmania Parasites through Modulation of Host-Encoded Functions. PLoS Neglected Tropical Diseases, 2016, 10, e0005234. | 3.0 | 18 |
| 16 | Apolipoproteins L control cell death triggered by TLR3/TRIF signaling in dendritic cells. European Journal of Immunology, 2016, 46, 1854-1866. | 2.9 | 35 |
| 17 | Molecular insights into Adgra2/Gpr124 and Reck intracellular trafficking. Biology Open, 2016, 5, 1874-1881. | 1.2 | 12 |
| 18 | Evolutionary genomics of epidemic visceral leishmaniasis in the Indian subcontinent. ELife, 2016, 5, . | 6.0 | 147 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Adaptation of <scp>T</scp>rypanosoma rhodesiense to hypohaptoglobinaemic serum requires transcription of the <scp>APOL</scp>1 resistance gene in a <scp>RNA</scp> polymerase <scp>I</scp> locus. Molecular Microbiology, 2015, 97, 397-407. | 2.5 | 8 |
| 20 | Discovery of an ergosterol-signaling factor that regulates Trypanosoma brucei growth. Journal of Lipid Research, 2015, 56, 331-341. | 4.2 | 24 |
| 21 | Tip cell-specific requirement for an atypical Gpr124- and Reck-dependent Wnt/Î²-catenin pathway during brain angiogenesis. ELife, 2015, 4, . | 6.0 | 182 |
| 22 | Translational profiling through biotinylation of tagged ribosomes in zebrafish. Development (Cambridge), 2014, 141, 3988-3993. | 2.5 | 18 |
| 23 | The molecular arms race between African trypanosomes and humans. Nature Reviews Microbiology, 2014, 12, 575-584. | 28.6 | 101 |
| 24 | Mechanism of Trypanosoma brucei gambiense resistance to human serum. Nature, 2013, 501, 430-434. | 27.8 | 150 |
| 25 | The trypanolytic factor of human serum: many ways to enter the parasite, a single way to kill. Molecular Microbiology, 2010, 76, 806-814. | 2.5 | 108 |
| 26 | Crystal Structures of Trypanosoma brucei Sterol 14Î±-Demethylase and Implications for Selective Treatment of Human Infections. Journal of Biological Chemistry, 2010, 285, 1773-1780. | 3.4 | 111 |
| 27 | Cellular and Molecular Remodeling of the Endocytic Pathway during Differentiation of Trypanosoma brucei Bloodstream Forms. Eukaryotic Cell, 2010, 9, 1272-1282. | 3.4 | 17 |
| 28 | Association of Trypanolytic ApoL1 Variants with Kidney Disease in African Americans. Science, 2010, 329, 841-845. | 12.6 | 1,725 |
| 29 | C-Terminal Mutants of Apolipoprotein L-I Efficiently Kill Both Trypanosoma brucei brucei and Trypanosoma brucei rhodesiense. PLoS Pathogens, 2009, 5, e1000685. | 4.7 | 88 |
| 30 | Human innate immunity against African trypanosomes. Current Opinion in Immunology, 2009, 21, 493-498. | 5.5 | 58 |
| 31 | Mutual self-defence: the trypanolytic factor story. Microbes and Infection, 2008, 10, 985-989. | 1.9 | 35 |
| 32 | A Haptoglobin-Hemoglobin Receptor Conveys Innate Immunity to Trypanosoma brucei in Humans. Science, 2008, 320, 677-681. | 12.6 | 230 |
| 33 | Distinct roles of haptoglobin-related protein and apolipoprotein L-I in trypanolysis by human serum. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4118-4123. | 7.1 | 64 |
| 34 | Human Serum Lyses Trypanosoma brucei by Triggering Uncontrolled Swelling of the Parasite Lysosome. Journal of Eukaryotic Microbiology, 2007, 54, 448-451. | 1.7 | 30 |
| 35 | HumanTrypanosoma evansiInfection Linked to a Lack of Apolipoprotein L-I. New England Journal of Medicine, 2006, 355, 2752-2756. | 27.0 | 162 |
| 36 | Experimental therapy of African trypanosomiasis with a nanobody-conjugated human trypanolytic factor. Nature Medicine, 2006, 12, 580-584. | 30.7 | 140 |

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|---|---|---|---|
| 37 | The trypanolytic factor of human serum. Nature Reviews Microbiology, 2006, 4, 477-486. | 28.6 | 167 |
| 38 | Apolipoprotein L-I Promotes Trypanosome Lysis by Forming Pores in Lysosomal Membranes. Science, 2005, 309, 469-472. | 12.6 | 290 |