

Boris Bleijlevens

List of Publications by Citations

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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.

28

papers

1,594

citations

18

h-index

28

g-index

28

ext. papers

1,855

ext. citations

4.6

avg. IF

3.99

L-index

#	Paper	IF	Citations
28	Marked elevation of the chemokine CCL18/PARC in Gaucher disease: a novel surrogate marker for assessing therapeutic intervention. <i>Blood</i> , 2004 , 103, 33-9	2.2	255
27	Class effects of SGLT2 inhibitors in mouse cardiomyocytes and hearts: inhibition of Na/H exchanger, lowering of cytosolic Na and vasodilation. <i>Diabetologia</i> , 2018 , 61, 722-726	10.3	241
26	Ultrasensitive in situ visualization of active glucocerebrosidase molecules. <i>Nature Chemical Biology</i> , 2010 , 6, 907-13	11.7	173
25	The activation of the [NiFe]-hydrogenase from <i>Allochrochromatium vinosum</i> . An infrared spectro-electrochemical study. <i>Journal of Biological Inorganic Chemistry</i> , 2004 , 9, 743-52	3.7	101
24	The H ₂ sensor of <i>Ralstonia eutropha</i> . Biochemical characteristics, spectroscopic properties, and its interaction with a histidine protein kinase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15592-7	5.4	92
23	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 527-542	15.1	91
22	1001 Ways to run AutoDock Vina for virtual screening. <i>Journal of Computer-Aided Molecular Design</i> , 2016 , 30, 237-49	4.2	81
21	The auxiliary protein HypX provides oxygen tolerance to the soluble [NiFe]-hydrogenase of <i>ralstonia eutropha</i> H16 by way of a cyanide ligand to nickel. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46686-91	5.4	65
20	The soluble [NiFe]-hydrogenase from <i>Ralstonia eutropha</i> contains four cyanides in its active site, one of which is responsible for the insensitivity towards oxygen. <i>Journal of Biological Inorganic Chemistry</i> , 2004 , 9, 616-26	3.7	55
19	Dynamic states of the DNA repair enzyme AlkB regulate product release. <i>EMBO Reports</i> , 2008 , 9, 872-7	6.5	49
18	The [NiFe] hydrogenase from <i>Allochrochromatium vinosum</i> studied in EPR-detectable states: H/D exchange experiments that yield new information about the structure of the active site. <i>Journal of Biological Inorganic Chemistry</i> , 2001 , 6, 763-9	3.7	48
17	Selective release and function of one of the two FMN groups in the cytoplasmic NAD ⁺ -reducing [NiFe]-hydrogenase from <i>Ralstonia eutropha</i> . <i>FEBS Journal</i> , 2004 , 271, 801-8		42
16	Involvement of hyp gene products in maturation of the H ₂ -sensing [NiFe] hydrogenase of <i>Ralstonia eutropha</i> . <i>Journal of Bacteriology</i> , 2001 , 183, 7087-93	3.5	41
15	Variable Major Proteins as Targets for Specific Antibodies against <i>Borrelia miyamotoi</i> . <i>Journal of Immunology</i> , 2016 , 196, 4185-95	5.3	40
14	Distinct functional domains contribute to degradation of the low density lipoprotein receptor (LDLR) by the E3 ubiquitin ligase inducible Degradator of the LDLR (IDOL). <i>Journal of Biological Chemistry</i> , 2011 , 286, 30190-9	5.4	38
13	Characterization of a HoxEFUYH type of [NiFe] hydrogenase from <i>Allochrochromatium vinosum</i> and some EPR and IR properties of the hydrogenase module. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 62-78	3.7	35
12	Characterization of a cyanobacterial-like uptake [NiFe] hydrogenase: EPR and FTIR spectroscopic studies of the enzyme from <i>Acidithiobacillus ferrooxidans</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 212-33	3.7	27

11	Structural insights into microneme protein assembly reveal a new mode of EGF domain recognition. <i>EMBO Reports</i> , 2008 , 9, 1149-55	6.5	25
10	Replacement of non-heme Fe(II) with Cu(II) in the alpha-ketoglutarate dependent DNA repair enzyme AlkB: spectroscopic characterization of the active site. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1043-8	4.2	16
9	Stabilization of Glucocerebrosidase by Active Site Occupancy. <i>ACS Chemical Biology</i> , 2017 , 12, 1830-1841	4.9	14
8	Identification of the ER-resident E3 ubiquitin ligase RNF145 as a novel LXR-regulated gene. <i>PLoS ONE</i> , 2017 , 12, e0172721	3.7	14
7	LRSAM1-mediated ubiquitylation is disrupted in axonal Charcot-Marie-Tooth disease 2P. <i>Human Molecular Genetics</i> , 2017 , 26, 2034-2041	5.6	11
6	Impaired trafficking of the very low density lipoprotein receptor caused by missense mutations associated with dysequilibrium syndrome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 2871-7	4.9	10
5	A Grid-Enabled Virtual Screening Gateway 2014 ,		7
4	Classification-based comparison of pre-processing methods for interpretation of mass spectrometry generated clinical datasets. <i>Proteome Science</i> , 2009 , 7, 19	2.6	7
3	Hydrophobic Interactions Contribute to Conformational Stabilization of Endoglycosamidase II by Mechanism-Based Probes. <i>Biochemistry</i> , 2016 , 55, 4823-35	3.2	6
2	Detection of mutant protein in complex biological samples: glucocerebrosidase mutations in Gaucher's disease. <i>Analytical Biochemistry</i> , 2008 , 372, 52-61	3.1	6
1	A multi-infrastructure gateway for virtual drug screening. <i>Concurrency Computation Practice and Experience</i> , 2015 , 27, 4478-4490	1.4	4