

Benoit Gautier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6342940/publications.pdf>

Version: 2024-02-01

25
papers

2,979
citations

471061

17
h-index

642321

23
g-index

29
all docs

29
docs citations

29
times ranked

6243
citing authors

#	ARTICLE	IF	CITATIONS
1	mixOmics: An R package for omics feature selection and multiple data integration. PLoS Computational Biology, 2017, 13, e1005752.	1.5	2,279
2	Cholesterol 24-hydroxylase defect is implicated in memory impairments associated with Alzheimer-like Tau pathology. Human Molecular Genetics, 2015, 24, 5965-5976.	1.4	96
3	Intracerebral Gene Therapy Using AAVrh.10-hARSA Recombinant Vector to Treat Patients with Early-Onset Forms of Metachromatic Leukodystrophy: Preclinical Feasibility and Safety Assessments in Nonhuman Primates. Human Gene Therapy Clinical Development, 2015, 26, 113-124.	3.2	68
4	In vivo real-time dynamics of ATP and ROS production in axonal mitochondria show decoupling in mouse models of peripheral neuropathies. Acta Neuropathologica Communications, 2019, 7, 86.	2.4	44
5	Development of a chemiluminescent screening assay for detection of vascular endothelial growth factor receptor 1 ligands. Analytical Biochemistry, 2007, 366, 108-110.	1.1	42
6	On-resin cyclization of peptide ligands of the Vascular Endothelial Growth Factor Receptor 1 by copper(I)-catalyzed 1,3-dipolar azide-alkyne cycloaddition. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5590-5594.	1.0	41
7	Diffusion-weighted Imaging Is a Sensitive and Specific Magnetic Resonance Sequence in the Diagnosis of Ankylosing Spondylitis. Journal of Rheumatology, 2018, 45, 771-778.	1.0	40
8	Targeting the Proangiogenic VEGF-VEGFR Protein-Protein Interface with Drug-like Compounds by In Silico and In Vitro Screening. Chemistry and Biology, 2011, 18, 1631-1639.	6.2	38
9	Personalised pathway analysis reveals association between DNA repair pathway dysregulation and chromosomal instability in sporadic breast cancer. Molecular Oncology, 2016, 10, 179-193.	2.1	36
10	AAV2/9-mediated silencing of PMP22 prevents the development of pathological features in a rat model of Charcot-Marie-Tooth disease 1A. Nature Communications, 2021, 12, 2356.	5.8	36
11	Rational Design, Structure, and Biological Evaluation of Cyclic Peptides Mimicking the Vascular Endothelial Growth Factor. Journal of Medicinal Chemistry, 2007, 50, 5135-5146.	2.9	33
12	Design, Synthesis, and Biological Evaluation of the First Podophyllotoxin Analogues as Potential Vascular Disrupting Agents. ChemMedChem, 2010, 5, 2016-2025.	1.6	33
13	Serum Glycoprotein Biomarker Discovery and Qualification Pipeline Reveals Novel Diagnostic Biomarker Candidates for Esophageal Adenocarcinoma. Molecular and Cellular Proteomics, 2015, 14, 3023-3039.	2.5	33
14	Biochemical and Structural Analysis of the Binding Determinants of a Vascular Endothelial Growth Factor Receptor Peptidic Antagonist. Journal of Medicinal Chemistry, 2010, 53, 4428-4440.	2.9	31
15	Are semen parameters related to birth weight?. Fertility and Sterility, 2015, 103, 6-10.	0.5	30
16	Disulfide and amide-bridged cyclic peptide analogues of the VEGF81-91 fragment: Synthesis, conformational analysis and biological evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 7526-7533.	1.4	22
17	Parallel solid-phase synthesis of a small library of linear and hydrocarbon-bridged analogues of VEGF81-91: Potential biological tools for studying the VEGF/VEGFR-1 interaction. Bioorganic and Medicinal Chemistry, 2011, 19, 1978-1986.	1.4	21
18	Targeting VEGFR1 on endothelial progenitors modulates their differentiation potential. Angiogenesis, 2014, 17, 603-616.	3.7	14

#	ARTICLE	IF	CITATIONS
19	Structure-based design of a bicyclic peptide antagonist of the vascular endothelial growth factor receptors. <i>Journal of Peptide Science</i> , 2008, 14, 767-772.	0.8	12
20	Total chemical synthesis of the D2 domain of human VEGF receptor 1. <i>Journal of Peptide Science</i> , 2009, 15, 417-422.	0.8	10
21	Biophysical Studies of the Induced Dimerization of Human VEGF Receptor 1 Binding Domain by Divalent Metals Competing with VEGF-A. <i>PLoS ONE</i> , 2016, 11, e0167755.	1.1	10
22	Glyco-centric lectin magnetic bead array (LeMBA) proteomics dataset of human serum samples from healthy, Barrett's esophagus and esophageal adenocarcinoma individuals. <i>Data in Brief</i> , 2016, 7, 1058-1062.	0.5	6
23	Traumatic and Diabetic Schwann Cell Demyelination Is Triggered by a Transient Mitochondrial Calcium Release through Voltage Dependent Anion Channel 1. <i>Biomedicines</i> , 2022, 10, 1447.	1.4	3
24	Inside Cover: Design, Synthesis, and Biological Evaluation of the First Podophyllotoxin Analogues as Potential Vascular-Disrupting Agents (<i>ChemMedChem</i> 12/2010). <i>ChemMedChem</i> , 2010, 5, 1958-1958.	1.6	0
25	Cyclic peptides as VEGF receptor antagonist. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 479-480.	0.8	0