

Stphane Bach

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.

85
papers

2,158
citations

23
h-index

44
g-index

92
ext. papers

2,460
ext. citations

5.1
avg. IF

4.16
L-index

#	Paper	IF	Citations
85	Nigratine as dual inhibitor of necroptosis and ferroptosis regulated cell death.. <i>Scientific Reports</i> , 2022 , 12, 5118	4.9	0
84	Thiazolo[5,4-f]quinoxalines, Oxazolo[5,4-f]quinoxalines and Pyrazino[b,e]isatins: Synthesis from 6-Aminoquinoxalines and Properties. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2756-2763	3.2	0
83	In vitro identification of imidazo[1,2-a]pyrazine-based antileishmanial agents and evaluation of L. major casein kinase 1 inhibition. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 112956	6.8	4
82	Streptomyces hygroscopicus UFPEDA 3370: A valuable source of the potent cytotoxic agent nigericin and its evaluation against human colorectal cancer cells. <i>Chemico-Biological Interactions</i> , 2021 , 333, 109316	5	1
81	From Synthetic Simplified Marine Metabolite Analogues to New Selective Allosteric Inhibitor of Aurora B Kinase. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 1197-1219	8.3	2
80	New Quinoxaline Derivatives as Dual Pim-1/2 Kinase Inhibitors: Design, Synthesis and Biological Evaluation. <i>Molecules</i> , 2021 , 26,	4.8	2
79	Discovery of DB18, a potent inhibitor of CLK kinases with a high selectivity against DYRK1A kinase. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 31, 115962	3.4	3
78	Exploration of 7-azaindole-coumaranone hybrids and their analogues as protein kinase inhibitors. <i>Chemico-Biological Interactions</i> , 2021 , 343, 109478	5	0
77	Synthesis and biological evaluation of selected 7H-pyrrolo[2,3-d]pyrimidine derivatives as novel CDK9/CyclinT and Haspin inhibitors. <i>Chemico-Biological Interactions</i> , 2021 , 349, 109643	5	0
76	Discovery of thiazolidin-4-one analogue as selective GSK-3 inhibitor through structure based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 52, 128375	2.9	
75	Regorafenib analogues and their ferrocenic counterparts: synthesis and biological evaluation. <i>New Journal of Chemistry</i> , 2020 , 44, 19723-19733	3.6	0
74	Discovery of simplified benzazole fragments derived from the marine benzosceptrin B as necroptosis inhibitors involving the receptor interacting protein Kinase-1. <i>European Journal of Medicinal Chemistry</i> , 2020 , 201, 112337	6.8	3
73	Synthesis and evaluation of C3 substituted chalcone-based derivatives of 7-azaindole as protein kinase inhibitors. <i>Chemical Biology and Drug Design</i> , 2020 , 96, 1395-1407	2.9	1
72	Development of a CDK10/CycM Kinase Screening Assay and Identification of First Small-Molecule Inhibitors. <i>Frontiers in Chemistry</i> , 2020 , 8, 147	5	8
71	Synthesis and evaluation of 7-azaindole derivatives bearing benzocycloalkanone motifs as protein kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115468	3.4	3
70	Synthesis of New 2-Phenylamino-4H-chromene-3-carbonitrile Derivatives and Their Effects on Tumor Cell Lines and against Protein Kinases. <i>International Journal of Organic Chemistry</i> , 2020 , 10, 88-103	0.3	0
69	Synthesis and biological evaluation of selected 7-azaindole derivatives as CDK9/Cyclin T and Haspin inhibitors. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1449-1462	2.2	3

68	Identification of a new series of flavopiridol-like structures as kinase inhibitors with high cytotoxic potency. <i>European Journal of Medicinal Chemistry</i> , 2020 , 199, 112355	6.8	9
67	Functionalization of 9-thioxanthone at the 1-position: From arylamino derivatives to [1]benzo(thio)pyrano[4,3,2-de]benzothieno[2,3-b]quinolines of biological interest. <i>Bioorganic Chemistry</i> , 2020 , 94, 103347	5.1	11
66	New pyrido[3,4-g]quinazoline derivatives as CLK1 and DYRK1A inhibitors: synthesis, biological evaluation and binding mode analysis. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 304-317	6.8	18
65	Neurymenolide A, a Novel Mitotic Spindle Poison from the New Caledonian Rhodophyta. <i>Marine Drugs</i> , 2019 , 17,	6	5
64	The Anti- Agent 4-AN Inhibits Multiple Protein Kinases. <i>Molecules</i> , 2019 , 24,	4.8	3
63	Synthesis and evaluation of new isatin-aminorhodanine hybrids as PIM1 and CLK1 kinase inhibitors. <i>Journal of Molecular Structure</i> , 2019 , 1192, 82-90	3.4	9
62	Kinase inhibitions in pyrido[4,3-h] and [3,4-g]quinazolines: Synthesis, SAR and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 2083-2089	3.4	7
61	New Antimicrobials Targeting Bacterial RNA Polymerase Holoenzyme Assembly Identified with an BRET-Based Discovery Platform. <i>ACS Chemical Biology</i> , 2019 , 14, 1727-1736	4.9	7
60	Kinase-Based Screening of Marine Natural Extracts Leads to the Identification of a Cytotoxic High Molecular Weight Metabolite from the Mediterranean Sponge. <i>Marine Drugs</i> , 2019 , 17,	6	3
59	Bilayered Potassium Vanadate K V O as Superior Cathode Material for Na-Ion Batteries. <i>ChemSusChem</i> , 2019 , 12, 5192-5198	8.3	11
58	From simple quinoxalines to potent oxazolo[5,4-f]quinoxaline inhibitors of glycogen-synthase kinase 3 (GSK3). <i>Organic and Biomolecular Chemistry</i> , 2019 , 18, 154-162	3.9	5
57	Design, biological evaluation and X-ray crystallography of nanomolar multifunctional ligands targeting simultaneously acetylcholinesterase and glycogen synthase kinase-3. <i>European Journal of Medicinal Chemistry</i> , 2019 , 168, 58-77	6.8	31
56	2-Aminophenones, a common precursor to N-aryl isatins and acridines endowed with bioactivities. <i>Tetrahedron</i> , 2018 , 74, 1785-1801	2.4	21
55	A combined experimental and theoretical study of the thermal [3+2] cycloaddition of carbonyl ylides with activated alkenes. <i>Journal of Molecular Structure</i> , 2018 , 1157, 276-287	3.4	7
54	Synthesis and anticancer activity of novel bisindolylhydroxymaleimide derivatives with potent GSK-3 kinase inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4209-4224	3.4	6
53	Structure-based design of novel quinoxaline-2-carboxylic acids and analogues as Pim-1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 101-109	6.8	21
52	From Quinoxaline, Pyrido[2,3-]pyrazine and Pyrido[3,4-]pyrazine to Pyrazino-Fused Carbazoles and Carbolines. <i>Molecules</i> , 2018 , 23,	4.8	4
51	Benzofuro[3,2-d]pyrimidines inspired from cercosporamide CaPkc1 inhibitor: Synthesis and evaluation of fluconazole susceptibility restoration. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2250-2255	2.9	4

50	Screening for Protein-Protein Interaction Inhibitors Using a Bioluminescence Resonance Energy Transfer (BRET)-Based Assay in Yeast. <i>SLAS Discovery</i> , 2017 , 22, 751-759	3.4	8
49	LiNiN, a Promising Negative Electrode Material for Li-Ion Batteries with a Soft Structural Response. <i>Inorganic Chemistry</i> , 2017 , 56, 13815-13821	5.1	3
48	Fused Systems Based on 2-Aminopyrimidines: Synthesis Combining Deprotolithiation-in situ Zincation with N-Arylation Reactions and Biological Properties. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 5903-5915	3.2	18
47	Effect of cell cycle arrest on intermediate metabolism in the marine diatom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8007-E8016	11.5	14
46	Sibiriline, a new small chemical inhibitor of receptor-interacting protein kinase 1, prevents immune-dependent hepatitis. <i>FEBS Journal</i> , 2017 , 284, 3050-3068	5.7	13
45	Constituents of <i>Acacia nilotica</i> (L.) Delile with Novel Kinase Inhibitory Activity. <i>Planta Medica International Open</i> , 2017 , 4, e108-e113	0.8	1
44	Synthesis, Docking Study and Kinase Inhibitory Activity of a Number of New Substituted Pyrazolo[3,4-c]pyridines. <i>Chemical and Pharmaceutical Bulletin</i> , 2017 , 65, 66-81	1.9	5
43	Synthesis of N-pyridyl azoles using a deprotometalation-iodolysis-N-arylation sequence and evaluation of their antiproliferative activity in melanoma cells. <i>Tetrahedron</i> , 2016 , 72, 6467-6476	2.4	9
42	Marine Natural Products from New Caledonia--A Review. <i>Marine Drugs</i> , 2016 , 14,	6	24
41	Microwave synthesis of new 3-(3-aminopropyl)-5-arylidene-2-thioxo-1,3-thiazolidine-4-ones as potential Ser/Thr protein kinase inhibitors. <i>Medicinal Chemistry Research</i> , 2016 , 25, 2940-2958	2.2	6
40	Synthesis, biological evaluation and molecular modeling studies of imidazo[1,2-a]pyridines derivatives as protein kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 105-114	6.8	24
39	Discovery of Novel (Imidazo[1,2-a]pyrazin-6-yl)ureas as Antiproliferative Agents Targeting P53 in Non-small Cell Lung Cancer Cell Lines. <i>Anticancer Research</i> , 2016 , 36, 1621-30	2.3	1
38	Tamoxifen inhibits CDK5 kinase activity by interacting with p35/p25 and modulates the pattern of tau phosphorylation. <i>Chemistry and Biology</i> , 2015 , 22, 472-482		23
37	Development of new highly potent imidazo[1,2-b]pyridazines targeting <i>Toxoplasma gondii</i> calcium-dependent protein kinase 1. <i>European Journal of Medicinal Chemistry</i> , 2015 , 105, 80-105	6.8	21
36	Synthesis, antileishmanial activity and cytotoxicity of 2,3-diaryl- and 2,3,8-trisubstituted imidazo[1,2-a]pyrazines. <i>European Journal of Medicinal Chemistry</i> , 2015 , 103, 381-95	6.8	15
35	Synthetic Development of New 3-(4-Arylmethylamino)butyl-5-arylidene-rhodanines under Microwave Irradiation and Their Effects on Tumor Cell Lines and against Protein Kinases. <i>Molecules</i> , 2015 , 20, 12412-35	4.8	8
34	Azine and Diazine Functionalization Using 2,2,6,6-Tetramethylpiperidino-Based Lithium Metal Combinations: Application to the Synthesis of 5,9-Disubstituted Pyrido[3,2:4,5]pyrrolo[1,2-c]pyrimidines. <i>Synlett</i> , 2015 , 26, 2811-2816	2.2	5
33	A comparative insight of potassium vanadates as positive electrode materials for Li batteries: influence of the long-range and local structure. <i>Inorganic Chemistry</i> , 2014 , 53, 1764-72	5.1	49

32	Effect of cobalt substitution on Li(3-2x)Co(x)N local structure: a XAS investigation. <i>Inorganic Chemistry</i> , 2014 , 53, 6127-31	5.1	6
31	Bioprospecting marine plankton. <i>Marine Drugs</i> , 2013 , 11, 4594-611	6	41
30	Studies on the reduction of birnessite thin layers: Influence of medium. <i>Electrochimica Acta</i> , 2011 , 56, 8564-8570	6.7	7
29	First BRET-based screening assay performed in budding yeast leads to the discovery of CDK5/p25 interaction inhibitors. <i>Biotechnology Journal</i> , 2011 , 6, 860-70	5.6	25
28	An in silico approach for the discovery of CDK5/p25 interaction inhibitors. <i>Biotechnology Journal</i> , 2011 , 6, 871-81	5.6	15
27	Delayed treatment with systemic (S)-roscovitine provides neuroprotection and inhibits in vivo CDK5 activity increase in animal stroke models. <i>PLoS ONE</i> , 2010 , 5, e12117	3.7	72
26	Synthesis of conjugates of 6-aminophenanthridine and guanabenz, two structurally unrelated prion inhibitors, for the determination of their cellular targets by affinity chromatography. <i>Bioconjugate Chemistry</i> , 2010 , 21, 279-88	6.3	12
25	Inhibition of RNA recruitment and replication of an RNA virus by acridine derivatives with known anti-prion activities. <i>PLoS ONE</i> , 2009 , 4, e7376	3.7	13
24	Identification of potential cellular targets of aloisine A by affinity chromatography. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5572-82	3.4	5
23	The BRET technology and its application to screening assays. <i>Biotechnology Journal</i> , 2008 , 3, 311-24	5.6	131
22	Antihypertensive drug guanabenz is active in vivo against both yeast and mammalian prions. <i>PLoS ONE</i> , 2008 , 3, e1981	3.7	90
21	Protein folding activity of ribosomal RNA is a selective target of two unrelated antiprion drugs. <i>PLoS ONE</i> , 2008 , 3, e2174	3.7	58
20	Identification of intracellular targets of small molecular weight chemical compounds using affinity chromatography. <i>Biotechnology Journal</i> , 2007 , 2, 68-75	5.6	47
19	Antiprion drugs as chemical tools to uncover mechanisms of prion propagation. <i>Prion</i> , 2007 , 1, 48-52	2.3	13
18	Improved tumor control through circadian clock induction by Seliciclib, a cyclin-dependent kinase inhibitor. <i>Cancer Research</i> , 2006 , 66, 10720-8	10.1	75
17	Cellular coexistence of two high molecular subsets of eEF1B complex. <i>FEBS Letters</i> , 2006 , 580, 2755-60	3.8	6
16	Degradation of Hof1 by SCF(Grr1) is important for actomyosin contraction during cytokinesis in yeast. <i>EMBO Journal</i> , 2005 , 24, 1440-52	13	98
15	Roscovitine targets, protein kinases and pyridoxal kinase. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31294-19	9.4	278

14	Crystal structure of pyridoxal kinase in complex with roscovitine and derivatives. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31220-9	5-4	62
13	Cytotoxicity of diatom-derived oxylipins in organisms belonging to different phyla. <i>Journal of Experimental Biology</i> , 2004 , 207, 2935-46	3	76
12	Independent actions on cyclin-dependent kinases and aryl hydrocarbon receptor mediate the antiproliferative effects of indirubins. <i>Oncogene</i> , 2004 , 23, 4400-12	9.2	81
11	A single step synthesis of 6-aminophenanthridines from anilines and 2-chlorobenzonitriles. <i>Tetrahedron</i> , 2004 , 60, 4705-4708	2.4	18
10	Raman investigation of the structural changes in anatase Li_xTiO_2 upon electrochemical lithium insertion. <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 577-585	2.3	43
9	Synthesis and target identification of hymenialdisine analogs. <i>Chemistry and Biology</i> , 2004 , 11, 247-59		115
8	Isolation of drugs active against mammalian prions using a yeast-based screening assay. <i>Nature Biotechnology</i> , 2003 , 21, 1075-81	44.5	154
7	Expression in a RabGAP yeast mutant of two human homologues, one of which is an oncogene. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 498-504	3.4	11
6	Co-deletion of the MSB3 and MSB4 coding regions affects bipolar budding and perturbs the organization of the actin cytoskeleton. <i>Yeast</i> , 2000 , 16, 1015-23	3.4	15
5	Electrochemical proton insertion in manganese spinel oxides from aqueous borate solution. <i>Electrochimica Acta</i> , 1999 , 44, 2705-2709	6.7	15
4	Preparation by a "chimie douce" route and characterization of $(\text{LiNi}_z\text{Mn}_{1-z}\text{O}_2)_{0.5z+1}$ cathode materials. <i>Journal of Materials Chemistry</i> , 1996 , 6, 1149-1155		27
3	Effect of Bi-doping on the electrochemical behaviour of layered MnO_2 as lithium intercalation compound. <i>Electrochimica Acta</i> , 1995 , 40, 785-789	6.7	35
2	Chemical lithium insertion into sol-gel lamellar manganese dioxide $\text{MnO}_{1.85}\cdot\text{H}_2\text{O}$. <i>Journal of Materials Chemistry</i> , 1994 , 4, 133-137		22
1	Structural and electrochemical properties of layered manganese dioxides in relation to their synthesis: classical and sol-gel routes. <i>Journal of Materials Chemistry</i> , 1994 , 4, 875-881		31