

Pierre Colas

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,592
citations

394421

19
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic selection of peptide aptamers that recognize and inhibit cyclin-dependent kinase 2. <i>Nature</i> , 1996, 380, 548-550.	27.8	469
2	Peptides and Aptamers Targeting HSP70: A Novel Approach for Anticancer Chemotherapy. <i>Cancer Research</i> , 2011, 71, 484-495.	0.9	150
3	Peptide aptamers as guides for small-molecule drug discovery. <i>Drug Discovery Today</i> , 2006, 11, 334-341.	6.4	114
4	Yeast two-hybrid methods and their applications in drug discovery. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 109-118.	8.7	79
5	CDK10/cyclin M is a protein kinase that controls ETS2 degradation and is deficient in STAR syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19525-19530.	7.1	73
6	Combinatorial protein reagents to manipulate protein function. <i>Current Opinion in Chemical Biology</i> , 2000, 4, 54-59.	6.1	55
7	Selection and characterization of large collections of peptide aptamers through optimized yeast two-hybrid procedures. <i>Nature Protocols</i> , 2006, 1, 1066-1091.	12.0	50
8	Meiotic maturation in mollusc oocytes. <i>Seminars in Cell and Developmental Biology</i> , 1998, 9, 539-548.	5.0	48
9	The impact of two-hybrid and related methods on biotechnology. <i>Trends in Biotechnology</i> , 1998, 16, 355-363.	9.3	46
10	Cyclin A-Cys41 does not undergo cell cycle-dependent degradation in <i>Xenopus</i> extracts. <i>FEBS Letters</i> , 1992, 306, 90-93.	2.8	44
11	The eleven-year switch of peptide aptamers. , 2008, 7, 2.		34
12	High-Throughput Screening Assays to Discover Small-Molecule Inhibitors of Protein Interactions. <i>Current Drug Discovery Technologies</i> , 2008, 5, 190-199.	1.2	34
13	Targeting cancer with peptide aptamers. <i>Oncotarget</i> , 2011, 2, 557-561.	1.8	34
14	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.	6.0	33
15	STAR syndrome-associated CDK10/Cyclin M regulates actin network architecture and ciliogenesis. <i>Cell Cycle</i> , 2016, 15, 678-688.	2.6	33
16	First BRET-based screening assay performed in budding yeast leads to the discovery of CDK5/p25 interaction inhibitors. <i>Biotechnology Journal</i> , 2011, 6, 860-870.	3.5	30
17	Peptide Aptamers for Small Molecule Drug Discovery. <i>Methods in Molecular Biology</i> , 2009, 535, 373-388.	0.9	26
18	The awakening of the CDK10/Cyclin M protein kinase. <i>Oncotarget</i> , 2017, 8, 50174-50186.	1.8	24

#	ARTICLE	IF	CITATIONS
19	A homozygous deleterious <i>CDK10</i> mutation in a patient with agenesis of corpus callosum, retinopathy, and deafness. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 92-98.	1.2	21
20	Cyclin-dependent kinases and rare developmental disorders. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 203.	2.7	21
21	Protein Synthesis Controls Cyclin Stability in Metaphase I-Arrested Oocytes of <i>Patella vulgata</i> . <i>Experimental Cell Research</i> , 1993, 208, 518-521.	2.6	19
22	A Comparative Analysis of Perturbations Caused by a Gene Knock-out, a Dominant Negative Allele, and a Set of Peptide Aptamers. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2110-2121.	3.8	19
23	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.	5.5	17
24	An Antiproliferative Genetic Screening Identifies a Peptide Aptamer That Targets Calcineurin and Up-regulates Its Activity. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 451-459.	3.8	16
25	Inhibition of vaccinia virus replication by peptide aptamers. <i>Antiviral Research</i> , 2009, 82, 134-140.	4.1	15
26	A RasGAP SH3 Peptide Aptamer Inhibits RasGAP-Aurora Interaction and Induces Caspase-Independent Tumor Cell Death. <i>PLoS ONE</i> , 2008, 3, e2902.	2.5	14
27	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.	2.7	14
28	From Peptide Aptamers to Inhibitors of FUR, Bacterial Transcriptional Regulator of Iron Homeostasis and Virulence. <i>ACS Chemical Biology</i> , 2016, 11, 2519-2528.	3.4	13
29	Development of a <i>CDK10/CycM</i> in vitro Kinase Screening Assay and Identification of First Small-Molecule Inhibitors. <i>Frontiers in Chemistry</i> , 2020, 8, 147.	3.6	12
30	A small molecule screen in yeast identifies inhibitors targeting protein-protein interactions within the vaccinia virus replication complex. <i>Antiviral Research</i> , 2012, 96, 187-195.	4.1	11
31	Kinase-Based Screening of Marine Natural Extracts Leads to the Identification of a Cytotoxic High Molecular Weight Metabolite from the Mediterranean Sponge <i>Crambe tailliezi</i> . <i>Marine Drugs</i> , 2019, 17, 569.	4.6	7
32	Tampering with Cell Division by Using Small-Molecule Inhibitors of <i>CDK</i> - <i>CKS</i> Protein Interactions. <i>ChemBioChem</i> , 2015, 16, 432-439.	2.6	6
33	The oocyte metaphase arrest. , 1995, 1, 299-308.		4
34	Functional characterization of <i>CDK10</i> and cyclin M truncated variants causing severe developmental disorders. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1782.	1.2	2
35	Calcineurin A versus NS5A-TP2/HD Domain Containing 2: A Case Study of Site-directed Low-frequency Random Mutagenesis for Dissecting Target Specificity of Peptide Aptamers. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1939-1952.	3.8	1
36	Peptide Aptamers. , 0, , 1368-1372.		1