

May C Morris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1488567/publications.pdf>

Version: 2024-02-01

85
papers

6,909
citations

126858

33
h-index

71651

76
g-index

88
all docs

88
docs citations

88
times ranked

6889
citing authors

#	ARTICLE	IF	CITATIONS
1	A peptide carrier for the delivery of biologically active proteins into mammalian cells. <i>Nature Biotechnology</i> , 2001, 19, 1173-1176.	9.4	933
2	Twenty years of cell-penetrating peptides: from molecular mechanisms to therapeutics. <i>British Journal of Pharmacology</i> , 2009, 157, 195-206.	2.7	783
3	Cell-penetrating peptides: tools for intracellular delivery of therapeutics. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 1839-1849.	2.4	454
4	A new peptide vector for efficient delivery of oligonucleotides into mammalian cells. <i>Nucleic Acids Research</i> , 1997, 25, 2730-2736.	6.5	452
5	Insight into the mechanism of the peptide-based gene delivery system MPG: implications for delivery of siRNA into mammalian cells. <i>Nucleic Acids Research</i> , 2003, 31, 2717-2724.	6.5	416
6	Cell-penetrating peptides: from molecular mechanisms to therapeutics. <i>Biology of the Cell</i> , 2008, 100, 201-217.	0.7	312
7	Targeting Cyclin-Dependent Kinases in Human Cancers: From Small Molecules to Peptide Inhibitors. <i>Cancers</i> , 2015, 7, 179-237.	1.7	257
8	Carbon nanotube biosensors. <i>Frontiers in Chemistry</i> , 2015, 3, 59.	1.8	252
9	Effects of Phosphorylation of Threonine 160 on Cyclin-dependent Kinase 2 Structure and Activity. <i>Journal of Biological Chemistry</i> , 1999, 274, 8746-8756.	1.6	198
10	Insight into the Mechanism of Internalization of the Cell-Penetrating Carrier Peptide Pep-1 through Conformational Analysis. <i>Biochemistry</i> , 2004, 43, 1449-1457.	1.2	183
11	A novel potent strategy for gene delivery using a single peptide vector as a carrier. <i>Nucleic Acids Research</i> , 1999, 27, 3510-3517.	6.5	170
12	Delivery of proteins and nucleic acids using a non-covalent peptide-based strategy. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 537-547.	6.6	169
13	Targeting cyclin B1 through peptide-based delivery of siRNA prevents tumour growth. <i>Nucleic Acids Research</i> , 2009, 37, 4559-4569.	6.5	169
14	A non-covalent peptide-based strategy for protein and peptide nucleic acid transduction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 384-393.	1.4	160
15	Translocating peptides and proteins and their use for gene delivery. <i>Current Opinion in Biotechnology</i> , 2000, 11, 461-466.	3.3	127
16	Cks1-dependent proteasome recruitment and activation of CDC20 transcription in budding yeast. <i>Nature</i> , 2003, 423, 1009-1013.	13.7	113
17	A non-covalent peptide-based carrier for in vivo delivery of DNA mimics. <i>Nucleic Acids Research</i> , 2007, 35, e49-e49.	6.5	112
18	On the mechanism of non-endosomal peptide-mediated cellular delivery of nucleic acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1667, 141-147.	1.4	105

#	ARTICLE	IF	CITATIONS
19	Peptide-Based Nanoparticle for Ex Vivo and In Vivo Drug Delivery. <i>Current Pharmaceutical Design</i> , 2008, 14, 3656-3665.	0.9	92
20	Functional cdc25C Dual-Specificity Phosphatase Is Required for S-Phase Entry in Human Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 2984-2998.	0.9	73
21	Light controllable siRNAs regulate gene suppression and phenotypes in cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 394-403.	1.4	70
22	The peptide carrier Pep-1 forms biologically efficient nanoparticle complexes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 877-882.	1.0	67
23	Combination of a new generation of PNAs with a peptide-based carrier enables efficient targeting of cell cycle progression. <i>Gene Therapy</i> , 2004, 11, 757-764.	2.3	65
24	PEP and CADY-mediated delivery of fluorescent peptides and proteins into living cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 2274-2285.	1.4	65
25	A New Potent HIV-1 Reverse Transcriptase Inhibitor. <i>Journal of Biological Chemistry</i> , 1999, 274, 24941-24946.	1.6	63
26	Fluorescent Biosensors of Intracellular Targets from Genetically Encoded Reporters to Modular Polypeptide Probes. <i>Cell Biochemistry and Biophysics</i> , 2010, 56, 19-37.	0.9	63
27	Interactions of Cyclins with Cyclin-Dependent Kinases: A Common Interactive Mechanism. <i>Biochemistry</i> , 1997, 36, 4995-5003.	1.2	56
28	Kinetic Mechanism of Activation of the Cdk2/Cyclin A Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 23847-23853.	1.6	56
29	Fluorescent biosensors " Probing protein kinase function in cancer and drug discovery. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1387-1395.	1.1	56
30	Design of a Novel Class of Peptide Inhibitors of Cyclin-dependent Kinase/Cyclin Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 13793-13800.	1.6	49
31	Fluorescent Reporters and Biosensors for Probing the Dynamic Behavior of Protein Kinases. <i>Proteomes</i> , 2015, 3, 369-410.	1.7	43
32	Interactions of amphipathic CPPs with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 328-335.	1.4	39
33	An Essential Phosphorylation-site Domain of Human cdc25C Interacts with Both 14-3-3 and Cyclins. <i>Journal of Biological Chemistry</i> , 2000, 275, 28849-28857.	1.6	36
34	Peptide-Based Strategy for siRNA Delivery into Mammalian Cells. , 2005, 309, 251-260.		34
35	Characterization of centrosomal localization and dynamics of Cdc25C phosphatase in mitosis. <i>Cell Cycle</i> , 2008, 7, 1991-1998.	1.3	34
36	The Thumb Domain of the P51-Subunit Is Essential for Activation of HIV Reverse Transcriptase. <i>Biochemistry</i> , 1999, 38, 15097-15103.	1.2	31

#	ARTICLE	IF	CITATIONS
37	Fluorescent Sensors of Protein Kinases. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 113, 217-274.	0.9	31
38	Interactions of Primary Amphipathic Cell Penetrating Peptides with Model Membranes: Consequences on the Mechanisms of Intracellular Delivery of Therapeutics. <i>Current Pharmaceutical Design</i> , 2005, 11, 3629-3638.	0.9	27
39	Fluorescent biosensors for high throughput screening of protein kinase inhibitors. <i>Biotechnology Journal</i> , 2014, 9, 253-265.	1.8	25
40	Highly solvatochromic and tunable fluorophores based on a 4,5-quinolimide scaffold: novel CDK5 probes. <i>Chemical Communications</i> , 2016, 52, 9652-9655.	2.2	25
41	Cell Cycle Markers and Biosensors. <i>ChemBioChem</i> , 2010, 11, 1037-1047.	1.3	23
42	Differential phosphorylation of Cdc25C phosphatase in mitosis. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 483-488.	1.0	22
43	Interactions of amphipathic carrier peptides with membrane components in relation with their ability to deliver therapeutics. <i>Journal of Peptide Science</i> , 2006, 12, 758-765.	0.8	21
44	Conformational Equilibrium of CDK/Cyclin Complexes by Molecular Dynamics with Excited Normal Modes. <i>Biophysical Journal</i> , 2015, 109, 1179-1189.	0.2	21
45	A Non-covalent Peptide-Based Strategy for Ex Vivo and In Vivo Oligonucleotide Delivery. <i>Methods in Molecular Biology</i> , 2011, 764, 59-73.	0.4	20
46	Lanthanide-based peptide biosensor to monitor CDK4/cyclin D kinase activity. <i>Chemical Communications</i> , 2017, 53, 6109-6112.	2.2	19
47	Fluorescent Peptide Biosensor for Probing the Relative Abundance of Cyclin-Dependent Kinases in Living Cells. <i>PLoS ONE</i> , 2011, 6, e26555.	1.1	19
48	Fluorescent Protein Biosensor for Probing CDK/Cyclin Activity in vitro and in Living Cells. <i>ChemBioChem</i> , 2014, 15, 2298-2305.	1.3	18
49	Fluorescent peptide biosensor for monitoring CDK4/cyclin D kinase activity in melanoma cell extracts, mouse xenografts and skin biopsies. <i>Biosensors and Bioelectronics</i> , 2016, 85, 371-380.	5.3	18
50	Fluorescent Biosensor of CDK5 Kinase Activity in Glioblastoma Cell Extracts and Living Cells. <i>Biotechnology Journal</i> , 2020, 15, e1900474.	1.8	18
51	Stapled peptide targeting the CDK4/Cyclin D interface combined with Abemaciclib inhibits KRAS mutant lung cancer growth. <i>Theranostics</i> , 2020, 10, 2008-2028.	4.6	15
52	Design and synthesis of a peptide derived from positions 195-244 of human cdc25C phosphatase. , 1999, 5, 263-271.		14
53	Modeling of non-covalent complexes of the cell-penetrating peptide CADY and its siRNA cargo. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 499-509.	1.4	14
54	Fluorescent biosensors for drug discovery new tools for old targets – Screening for inhibitors of cyclin-dependent kinases. <i>European Journal of Medicinal Chemistry</i> , 2014, 88, 74-88.	2.6	13

#	ARTICLE	IF	CITATIONS
55	Targeting Conformational Activation of CDK2 Kinase. <i>Biotechnology Journal</i> , 2017, 12, 1600531.	1.8	13
56	Rational Design of Nanobody80 Loop Peptidomimetics: Towards Biased β_2 Adrenergic Receptor Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 9632-9640.	1.7	13
57	Fluorescent Peptide Biosensor for Probing CDK6 Kinase Activity in Lung Cancer Cell Extracts. <i>ChemBioChem</i> , 2021, 22, 1065-1071.	1.3	13
58	Characterization of the interactions between human cdc25c, cdks, cyclins and cdk-cyclin complexes 1 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 1999, 286, 475-487.	2.0	12
59	Kinetics of Dimerization and Interactions of p13suc1 with Cyclin-Dependent Kinases. <i>Biochemistry</i> , 1998, 37, 14257-14266.	1.2	11
60	Spotlight on Fluorescent Biosensors: Tools for Diagnostics and Drug Discovery. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 99-101.	1.3	11
61	The Alpha Helix of Ubiquitin Interacts with Yeast Cyclin-Dependent Kinase Subunit CKS1. <i>Biochemistry</i> , 2007, 46, 45-54.	1.2	10
62	Fluorescent Biosensor for Detection of the R248Q Aggregation-Prone Mutant of p53. <i>ChemBioChem</i> , 2019, 20, 605-613.	1.3	9
63	Identification of Quinazolinone Analogs Targeting CDK5 Kinase Activity and Glioblastoma Cell Proliferation. <i>Frontiers in Chemistry</i> , 2020, 8, 691.	1.8	9
64	Microneedle Array-Based Platforms for Future Theranostic Applications. <i>ChemBioChem</i> , 2019, 20, 2198-2202.	1.3	8
65	A Peptide Carrier for the Delivery of Biologically Active Proteins into Mammalian Cells: Application to the Delivery of Antibodies and Therapeutic Proteins. , 2006, , 13-18.		6
66	Peptide-Mediated Delivery of Nucleic Acids into Mammalian Cells. <i>Methods in Molecular Biology</i> , 2007, 386, 299-308.	0.4	6
67	Editorial: Fluorescent biosensors. <i>Biotechnology Journal</i> , 2014, 9, 171-173.	1.8	6
68	Tampering with Cell Division by Using Small-Molecule Inhibitors of CDK-CKS Protein Interactions. <i>ChemBioChem</i> , 2015, 16, 432-439.	1.3	6
69	TP-Rho Is a Sensitive Solvatochromic Red-Shifted Probe for Monitoring the Interactions between CDK4 and Cyclin-D. <i>ChemBioChem</i> , 2016, 17, 737-744.	1.3	6
70	Quinolimide-based peptide biosensor for probing p25 in vitro and in living cells. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129929.	4.0	6
71	Fbxo7 promotes Cdk6 activity to inhibit PFKF and glycolysis in T cells. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	5
72	Rationally Designed Peptides as Efficient Inhibitors of Nucleic Acid Chaperone Activity of HIV-1 Nucleocapsid Protein. <i>Biochemistry</i> , 2018, 57, 4562-4573.	1.2	4

#	ARTICLE	IF	CITATIONS
73	Nanobiosensor Reports on CDK1 Kinase Activity in Tumor Xenografts in Mice. <i>Small</i> , 2021, 17, 2007177.	5.2	4
74	Fluorescent Biosensors –Promises for Personalized Medicine. <i>Journal of Biosensors & Bioelectronics</i> , 2012, 03, .	0.4	4
75	Fluorescent Peptide Biosensors for Probing CDK Kinase Activity in Cell Extracts. <i>Methods in Molecular Biology</i> , 2021, 2329, 39-50.	0.4	3
76	When mentoring matters: a French mentoring program for women in science. <i>Nature Biotechnology</i> , 2021, 39, 776-779.	9.4	2
77	A Toolbox of Fluorescent Peptide Biosensors to Highlight Protein Kinases in Complex Samples: Focus on Cyclin-Dependent Kinases. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
78	Peptide-Mediated Delivery of Nucleic Acids into Mammalian Cells. , 0, , 299-308.		1
79	Shining Light on Protein Kinase Biomarkers with Fluorescent Peptide Biosensors. <i>Life</i> , 2022, 12, 516.	1.1	1
80	Conformations of a synthetic peptide which facilitates the cellular delivery of nucleic acids. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 227-230.	0.1	0
81	Meeting report: 3rd Meeting of the Biosensor Workgroup of the GDR2588. <i>Biotechnology Journal</i> , 2014, 9, 178-179.	1.8	0
82	Fluorescent Peptide Biosensors for Imaging Protein Kinases involved in Cell Proliferation and Cancer. <i>FASEB Journal</i> , 2010, 24, 903.1.	0.2	0
83	Abstract 2959: The Syk tyrosine kinase negatively affects cell cycle progression through phosphorylation of the Cdk1 kinase in response to DNA damage. , 2011, , .		0
84	Complex Peptide Biosensors for Detection of Intracellular Kinase Biomarkers. <i>FASEB Journal</i> , 2012, 26, 755.1.	0.2	0
85	Fluorescent peptide biosensor for probing CDK5 kinase activity in glioblastoma and its applications for diagnostics and drug discovery in vitro and by fluorescence Imaging. <i>FASEB Journal</i> , 2018, 32, .	0.2	0