May C Morris

List of Publications by Year
in descending order

85 papers	6,909 citations	126708 33 h-index	71532 76 g-index
88 all docs	88 docs citations	88 times ranked	6889 citing authors

#	ARTICLE	IF	CITATIONS
1	Shining Light on Protein Kinase Biomarkers with Fluorescent Peptide Biosensors. Life, 2022, 12, 516.	1.1	1
2	A Toolbox of Fluorescent Peptide Biosensors to Highlight Protein Kinases in Complex Samples: Focus on Cyclinâ€Dependent Kinases. European Journal of Organic Chemistry, 2022, 2022, .	1.2	2
3	Fbxo7 promotes Cdk6 activity to inhibit PFKP and glycolysis in T cells. Journal of Cell Biology, 2022, 221, .	2.3	5
4	Fluorescent Peptide Biosensor for Probing CDK6 Kinase Activity in Lung Cancer Cell Extracts. ChemBioChem, 2021, 22, 1065-1071.	1.3	13
5	Nanobiosensor Reports on CDK1 Kinase Activity in Tumor Xenografts in Mice. Small, 2021, 17, 2007177.	5.2	4
6	Fluorescent Peptide Biosensors for Probing CDK Kinase Activity in Cell Extracts. Methods in Molecular Biology, 2021, 2329, 39-50.	0.4	3
7	When mentoring matters: a French mentoring program for women in science. Nature Biotechnology, 2021, 39, 776-779.	9.4	2
8	Quinolimide-based peptide biosensor for probing p25 in vitro and in living cells. Sensors and Actuators B: Chemical, 2021, 339, 129929.	4.0	6
9	Identification of Quinazolinone Analogs Targeting CDK5 Kinase Activity and Glioblastoma Cell Proliferation. Frontiers in Chemistry, 2020, 8, 691.	1.8	9
10	Fluorescent Biosensor of CDK5 Kinase Activity in Glioblastoma Cell Extracts and Living Cells. Biotechnology Journal, 2020, 15, e1900474.	1.8	18
11	Stapled peptide targeting the CDK4/Cyclin D interface combined with Abemaciclib inhibits KRAS mutant lung cancer growth. Theranostics, 2020, 10, 2008-2028.	4.6	15
12	Microneedle Arrayâ€Based Platforms for Future Theranostic Applications. ChemBioChem, 2019, 20, 2198-2202.	1.3	8
13	Fluorescent Biosensor for Detection of the R248Q Aggregationâ€Prone Mutant of p53. ChemBioChem, 2019, 20, 605-613.	1.3	9
14	Rationally Designed Peptides as Efficient Inhibitors of Nucleic Acid Chaperone Activity of HIV-1 Nucleocapsid Protein. Biochemistry, 2018, 57, 4562-4573.	1.2	4
15	Fluorescent peptide biosensor for probing CDK5 kinase activity in glioblastoma and its applications for diagnostics and drug discovery in vitro and by fluorescence Imaging. FASEB Journal, 2018, 32, .	0.2	0
16	Targeting Conformational Activation of CDK2 Kinase. Biotechnology Journal, 2017, 12, 1600531.	1.8	13
17	Lanthanide-based peptide biosensor to monitor CDK4/cyclin D kinase activity. Chemical Communications, 2017, 53, 6109-6112.	2.2	19
18	Rational Design of Nanobody80 Loop Peptidomimetics: Towards Biased Î² 2 Adrenergic Receptor Ligands. Chemistry - A European Journal, 2017, 23, 9632-9640.	1.7	13

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19	Highly solvatochromic and tunable fluorophores based on a 4,5-quinolimide scaffold: novel CDK5 probes. Chemical Communications, 2016, 52, 9652-9655.	2.2	25
20	Fluorescent peptide biosensor for monitoring CDK4/cyclin D kinase activity in melanoma cell extracts, mouse xenografts and skin biopsies. Biosensors and Bioelectronics, 2016, 85, 371-380.	5.3	18
21	TPâ€2Rho Is a Sensitive Solvatochromic Redâ€Shifted Probe for Monitoring the Interactions between CDK4 and Cyclinâ€…D. ChemBioChem, 2016, 17, 737-744.	1.3	6
22	Carbon nanotube biosensors. Frontiers in Chemistry, 2015, 3, 59.	1.8	252
23	Fluorescent Reporters and Biosensors for Probing the Dynamic Behavior of Protein Kinases. Proteomes, 2015, 3, 369-410.	1.7	43
24	Tampering with Cell Division by Using Smallâ€Molecule Inhibitors of CDKâ€"CKS Protein Interactions. ChemBioChem, 2015, 16, 432-439.	1.3	6
25	Conformational Equilibrium of CDK/Cyclin Complexes by Molecular Dynamics with Excited Normal Modes. Biophysical Journal, 2015, 109, 1179-1189.	0.2	21
26	Targeting Cyclin-Dependent Kinases in Human Cancers: From Small Molecules to Peptide Inhibitors. Cancers, 2015, 7, 179-237.	1.7	257
27	Meeting report: 3rdMeeting of the Biosensor Workgroup of the GDR2588. Biotechnology Journal, 2014, 9, 178-179.	1.8	0
28	Fluorescent biosensors for drug discovery new tools for old targets â€" Screening for inhibitors of cyclin-dependent kinases. European Journal of Medicinal Chemistry, 2014, 88, 74-88.	2.6	13
29	Editorial: Fluorescent biosensors. Biotechnology Journal, 2014, 9, 171-173.	1.8	6
30	Fluorescent biosensors for high throughput screening of protein kinase inhibitors. Biotechnology Journal, 2014, 9, 253-265.	1.8	25
31	Spotlight on Fluorescent Biosensorsâ€"Tools for Diagnostics and Drug Discovery. ACS Medicinal Chemistry Letters, 2014, 5, 99-101.	1.3	11
32	Fluorescent Protein Biosensor for Probing CDK/Cyclin Activity in vitro and in Living Cells. ChemBioChem, 2014, 15, 2298-2305.	1.3	18
33	Fluorescent Sensors of Protein Kinases. Progress in Molecular Biology and Translational Science, 2013, 113, 217-274.	0.9	31
34	Fluorescent biosensors â€" Probing protein kinase function in cancer and drug discovery. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1387-1395.	1.1	56
35	Modeling of non-covalent complexes of the cell-penetrating peptide CADY and its siRNA cargo. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 499-509.	1.4	14
36	Fluorescent Biosensors â€"Promises for Personalized Medicine. Journal of Biosensors & Bioelectronics, 2012, 03, .	0.4	4

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37	Complex Peptide Biosensors for Detection of Intracellular Kinase Biomarkers. FASEB Journal, 2012, 26, 755.1.	0.2	0
38	A Non-covalent Peptide-Based Strategy for Ex Vivo and In Vivo Oligonucleotide Delivery. Methods in Molecular Biology, 2011, 764, 59-73.	0.4	20
39	Fluorescent Peptide Biosensor for Probing the Relative Abundance of Cyclin-Dependent Kinases in Living Cells. PLoS ONE, 2011, 6, e26555.	1.1	19
40	Abstract 2959: The Syk tyrosine kinase negatively affects cell cycle progression through phosphorylation of the Cdk1 kinase in response to DNA damage. , 2011, , .		0
41	Fluorescent Biosensors of Intracellular Targets from Genetically Encoded Reporters to Modular Polypeptide Probes. Cell Biochemistry and Biophysics, 2010, 56, 19-37.	0.9	63
42	Cellâ€Cycle Markers and Biosensors. ChemBioChem, 2010, 11, 1037-1047.	1.3	23
43	PEP and CADY-mediated delivery of fluorescent peptides and proteins into living cells. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 2274-2285.	1.4	65
44	Fluorescent Peptide Biosensors for Imaging Protein Kinases involved in Cell Proliferation and Cancer. FASEB Journal, 2010, 24, 903.1.	0.2	0
45	Targeting cyclin B1 through peptide-based delivery of siRNA prevents tumour growth. Nucleic Acids Research, 2009, 37, 4559-4569.	6.5	169
46	Twenty years of cellâ€penetrating peptides: from molecular mechanisms to therapeutics. British Journal of Pharmacology, 2009, 157, 195-206.	2.7	783
47	Delivery of proteins and nucleic acids using a non-covalent peptide-based strategy. Advanced Drug Delivery Reviews, 2008, 60, 537-547.	6.6	169
48	Cellâ€penetrating peptides: from molecular mechanisms to therapeutics. Biology of the Cell, 2008, 100, 201-217.	0.7	312
49	Differential phosphorylation of Cdc25C phosphatase in mitosis. Biochemical and Biophysical Research Communications, 2008, 370, 483-488.	1.0	22
50	Peptide-Based Nanoparticle for Ex Vivo and In Vivo Dug Delivery. Current Pharmaceutical Design, 2008, 14, 3656-3665.	0.9	92
51	Characterization of centrosomal localization and dynamics of Cdc25C phosphatase in mitosis. Cell Cycle, 2008, 7, 1991-1998.	1.3	34
52	Peptide-Mediated Delivery of Nucleic Acids into Mammalian Cells. Methods in Molecular Biology, 2007, 386, 299-308.	0.4	6
53	A non-covalent peptide-based carrier for in vivo delivery of DNA mimics. Nucleic Acids Research, 2007, 35, e49-e49.	6.5	112
54	The peptide carrier Pep-1 forms biologically efficient nanoparticle complexes. Biochemical and Biophysical Research Communications, 2007, 355, 877-882.	1.0	67

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55	The Alpha Helix of Ubiquitin Interacts with Yeast Cyclin-Dependent Kinase Subunit CKS1â€. Biochemistry, 2007, 46, 45-54.	1.2	10
56	Interactions of amphipathic CPPs with model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 328-335.	1.4	39
57	Light controllable siRNAs regulate gene suppression and phenotypes in cells. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 394-403.	1.4	70
58	A non-covalent peptide-based strategy for protein and peptide nucleic acid transduction. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 384-393.	1.4	160
59	A Peptide Carrier for the Delivery of Biologically Active Proteins into Mammalian CellsApplication to the Delivery of Antibodies and Therapeutic Proteins. , 2006, , 13-18.		6
60	Interactions of amphipathic carrier peptides with membrane components in relation with their ability to deliver therapeutics. Journal of Peptide Science, 2006, 12, 758-765.	0.8	21
61	Cell-penetrating peptides: tools for intracellular delivery of therapeutics. Cellular and Molecular Life Sciences, 2005, 62, 1839-1849.	2.4	454
62	Interactions of Primary Amphipathic Cell Penetrating Peptides with Model Membranes: Consequences on the Mechanisms of Intracellular Delivery of Therapeutics. Current Pharmaceutical Design, 2005, 11, 3629-3638.	0.9	27
63	Design of a Novel Class of Peptide Inhibitors of Cyclin-dependent Kinase/Cyclin Activation. Journal of Biological Chemistry, 2005, 280, 13793-13800.	1.6	49
64	Peptide-Based Strategy for siRNA Delivery into Mammalian Cells. , 2005, 309, 251-260.		34
65	Combination of a new generation of PNAs with a peptide-based carrier enables efficient targeting of cell cycle progression. Gene Therapy, 2004, 11, 757-764.	2.3	65
66	Insight into the Mechanism of Internalization of the Cell-Penetrating Carrier Peptide Pep-1 through Conformational Analysis. Biochemistry, 2004, 43, 1449-1457.	1.2	183
67	On the mechanism of non-endosomial peptide-mediated cellular delivery of nucleic acids. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1667, 141-147.	1.4	105
68	Cks1-dependent proteasome recruitment and activation of CDC20 transcription in budding yeast. Nature, 2003, 423, 1009-1013.	13.7	113
69	Functional cdc25C Dual-Specificity Phosphatase Is Required for S-Phase Entry in Human Cells. Molecular Biology of the Cell, 2003, 14, 2984-2998.	0.9	73
70	Insight into the mechanism of the peptide-based gene delivery system MPG: implications for delivery of siRNA into mammalian cells. Nucleic Acids Research, 2003, 31, 2717-2724.	6.5	416
71	Kinetic Mechanism of Activation of the Cdk2/Cyclin A Complex. Journal of Biological Chemistry, 2002, 277, 23847-23853.	1.6	56
72	A peptide carrier for the delivery of biologically active proteins into mammalian cells. Nature Biotechnology, 2001, 19, 1173-1176.	9.4	933

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73	Translocating peptides and proteins and their use for gene delivery. Current Opinion in Biotechnology, 2000, 11, 461-466.	3.3	127
74	An Essential Phosphorylation-site Domain of Human cdc25C Interacts with Both 14-3-3 and Cyclins. Journal of Biological Chemistry, 2000, 275, 28849-28857.	1.6	36
75	Effects of Phosphorylation of Threonine 160 on Cyclin-dependent Kinase 2 Structure and Activity. Journal of Biological Chemistry, 1999, 274, 8746-8756.	1.6	198
76	A novel potent strategy for gene delivery using a single peptide vector as a carrier. Nucleic Acids Research, 1999, 27, 3510-3517.	6.5	170
77	A New Potent HIV-1 Reverse Transcriptase Inhibitor. Journal of Biological Chemistry, 1999, 274, 24941-24946.	1.6	63
78	Design and synthesis of a peptide derived from positions 195-244 of human cdc25C phosphatase. , 1999, 5, 263-271.		14
79	The Thumb Domain of the P51-Subunit Is Essential for Activation of HIV Reverse Transcriptaseâ€. Biochemistry, 1999, 38, 15097-15103.	1.2	31
80	Characterization of the interactions between human cdc25c, cdks, cyclins and cdk-cyclin complexes 1 1Edited by J. Karn. Journal of Molecular Biology, 1999, 286, 475-487.	2.0	12
81	Kinetics of Dimerization and Interactions of p13suc1with Cyclin-Dependent Kinasesâ€. Biochemistry, 1998, 37, 14257-14266.	1.2	11
82	A new peptide vector for efficient delivery of oligonucleotides into mammalian cells. Nucleic Acids Research, 1997, 25, 2730-2736.	6.5	452
83	Interactions of Cyclins with Cyclin-Dependent Kinases:Â A Common Interactive Mechanismâ€. Biochemistry, 1997, 36, 4995-5003.	1.2	56
84	Conformations of a synthetic peptide which facilitates the cellular delivery of nucleic acids. International Journal of Peptide Research and Therapeutics, 1997, 4, 227-230.	0.1	0
85	Peptide-Mediated Delivery of Nucleic Acids into Mammalian Cells. , 0, , 299-308.		1