

Stefano Ferrari

List of Publications by Citations

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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.

80
papers

4,248
citations

34
h-index

64
g-index

85
ext. papers

4,618
ext. citations

5.6
avg, IF

5.17
L-index

#	Paper	IF	Citations
80	Combination of Ru(II) complexes and light: new frontiers in cancer therapy. <i>Chemical Science</i> , 2015 , 6, 2660-2686	9.4	398
79	Rapamycin inhibition of the G1 to S transition is mediated by effects on cyclin D1 mRNA and protein stability. <i>Journal of Biological Chemistry</i> , 1998 , 273, 14424-9	5.4	259
78	Molecular and cellular characterization of the biological effects of ruthenium(II) complexes incorporating 2-pyridyl-2-pyrimidine-4-carboxylic acid. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20376-87	16.4	242
77	New anilinophthalazines as potent and orally well absorbed inhibitors of the VEGF receptor tyrosine kinases useful as antagonists of tumor-driven angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2310-23	8.3	207
76	Mismatch repair-dependent G2 checkpoint induced by low doses of SN1 type methylating agents requires the ATR kinase. <i>Genes and Development</i> , 2004 , 18, 1331-44	12.6	179
75	DNA intercalating Ru(II) polypyridyl complexes as effective photosensitizers in photodynamic therapy. <i>Chemistry - A European Journal</i> , 2014 , 20, 14421-36	4.8	143
74	Towards cancer cell-specific phototoxic organometallic rhenium(I) complexes. <i>Dalton Transactions</i> , 2014 , 43, 4287-94	4.3	125
73	DMSO-mediated ligand dissociation: renaissance for biological activity of N-heterocyclic-[Ru(β -arene)Cl ₂] drug candidates. <i>Chemistry - A European Journal</i> , 2013 , 19, 14768-72	4.8	124
72	S6 phosphorylation and the p70s6k/p85s6k. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 1994 , 29, 385-413	8.7	123
71	Inhibitors of protein kinases: CGP 41251, a protein kinase inhibitor with potential as an anticancer agent 1999 , 82, 293-301		115
70	The calcium-binding protein S100A2 interacts with p53 and modulates its transcriptional activity. <i>Journal of Biological Chemistry</i> , 2005 , 280, 29186-93	5.4	107
69	Insulin-stimulated protein kinase B phosphorylation on Ser-473 is independent of its activity and occurs through a staurosporine-insensitive kinase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25643-6	5.4	107
68	DNA end resection by CtIP and exonuclease 1 prevents genomic instability. <i>EMBO Reports</i> , 2010 , 11, 962-8	6.5	98
67	Aurora-A site specificity: a study with synthetic peptide substrates. <i>Biochemical Journal</i> , 2005 , 390, 293-302	3.02	98
66	Distinct structural requirements of Ca ²⁺ /phospholipid-dependent protein kinase (protein kinase C) and cAMP-dependent protein kinase as evidenced by synthetic peptide substrates. <i>FEBS Letters</i> , 1985 , 184, 72-7	3.8	94
65	Phosphorylation and activation of B-Myb by cyclin A-Cdk2. <i>Current Biology</i> , 1997 , 7, 253-60	6.3	91
64	A bis(dipyridophenazine)(2-(2-pyridyl)pyrimidine-4-carboxylic acid)ruthenium(II) complex with anticancer action upon photodeprotection. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2960-3	16.4	89

63	Photo-induced uncaging of a specific Re(I) organometallic complex in living cells. <i>Chemical Science</i> , 2014 , 5, 4044	9.4	89
62	Characterization of the sites phosphorylated on tyrosine hydroxylase by Ca ²⁺ and phospholipid-dependent protein kinase, calmodulin-dependent multiprotein kinase and cyclic AMP-dependent protein kinase. <i>FEBS Letters</i> , 1985 , 182, 335-9	3.8	87
61	A novel inducible transactivation domain in the androgen receptor: implications for PRK in prostate cancer. <i>EMBO Journal</i> , 2003 , 22, 270-80	13	84
60	Unmasking a growth factor/oncogene-activated S6 phosphorylation cascade. <i>Cellular Signalling</i> , 1989 , 1, 219-25	4.9	74
59	A deadly organometallic luminescent probe: anticancer activity of a ReI bisquinoline complex. <i>Chemistry - A European Journal</i> , 2014 , 20, 2496-507	4.8	67
58	Mechanisms of action of Ru(II) polypyridyl complexes in living cells upon light irradiation. <i>Chemical Communications</i> , 2018 , 54, 13040-13059	5.8	64
57	Dual mode of cell death upon the photo-irradiation of a Ru polypyridyl complex in interphase or mitosis. <i>Chemical Science</i> , 2016 , 7, 6115-6124	9.4	62
56	ATR-dependent pathways control hEXO1 stability in response to stalled forks. <i>Nucleic Acids Research</i> , 2008 , 36, 511-9	20.1	61
55	Regulation of B-Myb activity by cyclin D1. <i>Oncogene</i> , 2000 , 19, 298-306	9.2	58
54	Enhanced Cytotoxicity through Conjugation of a "Clickable" Luminescent Re(I) Complex to a Cell-Penetrating Lipopeptide. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 809-14	4.3	56
53	Ferrocenyl derivatives of the anthelmintic praziquantel: design, synthesis, and biological evaluation. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 8790-8	8.3	56
52	Degradation of human exonuclease 1b upon DNA synthesis inhibition. <i>Cancer Research</i> , 2005 , 65, 3604-9	10.1	45
51	Vitamin B ₁₂ as a carrier for targeted platinum delivery: in vitro cytotoxicity and mechanistic studies. <i>Journal of Biological Inorganic Chemistry</i> , 2011 , 16, 33-44	3.7	43
50	Towards Selective Light-Activated RuII-Based Prodrug Candidates. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3879-3891	2.3	42
49	14-3-3 Proteins regulate exonuclease 1-dependent processing of stalled replication forks. <i>PLoS Genetics</i> , 2011 , 7, e1001367	6	37
48	Mismatch repair status and the response of human cells to cisplatin. <i>Cell Cycle</i> , 2007 , 6, 1796-802	4.7	37
47	In vitro metabolic profile and in vivo antischistosomal activity studies of (R)-praziquantel)Cr(CO) ₃ derivatives. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 9192-8	8.3	35
46	Novel water-soluble (99m)Tc(I)/Re(I)-porphyrin conjugates as potential multimodal agents for molecular imaging. <i>Journal of Inorganic Biochemistry</i> , 2013 , 122, 57-65	4.2	33

45	Sumoylation regulates EXO1 stability and processing of DNA damage. <i>Cell Cycle</i> , 2015 , 14, 2439-50	4.7	32
44	A Bis(dipyridophenazine)(2-(2-pyridyl)pyrimidine-4-carboxylic acid)ruthenium(II) Complex with Anticancer Action upon Photodeprotection. <i>Angewandte Chemie</i> , 2014 , 126, 3004-3007	3.6	31
43	Identification of cyclin A/Cdk2 phosphorylation sites in B-Myb. <i>FEBS Journal</i> , 1999 , 260, 384-91		29
42	Ca ²⁺ phospholipid-dependent and independent phosphorylation of synthetic peptide substrates by protein kinase C. <i>FEBS Journal</i> , 1987 , 163, 481-7		29
41	[(δ^5 -Praziquantel)Cr(CO) ₃] derivatives with remarkable in vitro anti-schistosomal activity. <i>Chemistry - A European Journal</i> , 2013 , 19, 2232-5	4.8	26
40	Induction of Cytotoxicity through Photorelease of Aminoferrocene. <i>Inorganic Chemistry</i> , 2015 , 54, 9740-8	3.1	25
39	14-3-3 checkpoint regulatory proteins interact specifically with DNA repair protein human exonuclease 1 (hEXO1) via a semi-conserved motif. <i>DNA Repair</i> , 2012 , 11, 267-77	4.3	25
38	Characterization of the phosphorylation of rat mammary ATP-citrate lyase and acetyl-CoA carboxylase by Ca ²⁺ and calmodulin-dependent multiprotein kinase and Ca ²⁺ and phospholipid-dependent protein kinase. <i>FEBS Journal</i> , 1986 , 157, 553-61		25
37	Towards matched pairs of porphyrin-Re(I) /(^{99m} Tc(I) conjugates that combine photodynamic activity with fluorescence and radio imaging. <i>ChemMedChem</i> , 2014 , 9, 1231-7	3.7	24
36	Bis(dipyridophenazine)(2-(2-pyridyl)pyrimidine-4-carboxylic acid)ruthenium(II) hexafluorophosphate: a lesson in stubbornness. <i>ChemMedChem</i> , 2014 , 9, 1419-27	3.7	24
35	It takes two to tango: Ubiquitin and SUMO in the DNA damage response. <i>Frontiers in Genetics</i> , 2013 , 4, 106	4.5	24
34	Pin1 interacts with c-Myb in a phosphorylation-dependent manner and regulates its transactivation activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 1121-8	4.9	22
33	Synthesis, Characterization, and Biological Activity of Ferrocenyl Analogues of the Anthelmintic Drug Monepantel. <i>Organometallics</i> , 2016 , 35, 3369-3377	3.8	20
32	Evidence for Different Mechanisms of Growth Inhibition of T-cell Lymphoma by Phorbol Esters and Concanavalin A. <i>Journal of Biological Chemistry</i> , 1997 , 272, 2470-2476	5.4	19
31	Chromosome Missegregation Associated with RUVBL1 Deficiency. <i>PLoS ONE</i> , 2015 , 10, e0133576	3.7	17
30	The substrate specificity of protein kinases which phosphorylate the alpha subunit of eukaryotic initiation factor 2. <i>FEBS Journal</i> , 1991 , 195, 771-9		17
29	Myoblasts inhibit prostate cancer growth by paracrine secretion of tumor necrosis factor- α . <i>Journal of Urology</i> , 2013 , 189, 1952-9	2.5	16
28	The phosphodiesterase inhibitor SQ 20006 selectively blocks mitogen activation of p70S6k and transition to S phase of the cell division cycle without affecting the steady state phosphorylation of eIF-4E. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26698-706	5.4	16

27	Homogeneous purification of human recombinant GST-Akt/PKB from Sf9 cells. <i>Protein Expression and Purification</i> , 1999 , 17, 83-8	2	14
26	Micro- and macropurification methods for protein kinases. <i>Methods in Enzymology</i> , 1991 , 200, 159-69	1.7	14
25	New anilinophthalazines as potent and orally well absorbed inhibitors of the VEGF receptor tyrosine kinases useful as antagonists of tumor-driven angiogenesis. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3200	8.3	13
24	Two-photon uncageable enzyme inhibitors bearing targeting vectors. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1821-5	4.2	12
23	A Maltol-Containing Ruthenium Polypyridyl Complex as a Potential Anticancer Agent. <i>Chemistry - A European Journal</i> , 2020 , 26, 4997-5009	4.8	12
22	Pharmacophore-guided discovery of CDC25 inhibitors causing cell cycle arrest and tumor regression. <i>Scientific Reports</i> , 2019 , 9, 1335	4.9	11
21	Protein phosphorylation in rat liver mitochondria. <i>Molecular and Cellular Biochemistry</i> , 1990 , 97, 9-16	4.2	11
20	Interplay with the Mre11-Rad50-Nbs1 complex and phosphorylation by GSK3 β implicate human B-Myb in DNA-damage signaling. <i>Scientific Reports</i> , 2017 , 7, 41663	4.9	10
19	p38MAPK delta controls c-Myb degradation in response to stress. <i>Blood Cells, Molecules, and Diseases</i> , 2008 , 40, 388-94	2.1	9
18	An alternatively spliced isoform of B-Myb is a transcriptional inhibitor. <i>Oncogene</i> , 2000 , 19, 5428-34	9.2	9
17	Ruthenium(II) Complex Containing a Redox-Active Semiquinonate Ligand as a Potential Chemotherapeutic Agent: From Synthesis to Studies. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 5568-5584	8.3	9
16	Assessment of the nematocidal activity of metallocenyl analogues of monepantel. <i>Dalton Transactions</i> , 2016 , 45, 17662-17671	4.3	8
15	Novel, mercury-free synthetic pathway for trifluoromethylthio-substituted metallocenes. <i>Inorganic Chemistry</i> , 2014 , 53, 3662-7	5.1	8
14	Phosphorylation of protamines by protein kinase C: involvement of sites which are phosphorylated in vivo and are not affected by cAMP-dependent protein kinase. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 144, 1324-31	3.4	8
13	Exocyclically metallated tetrapyridinoporphyrazine as a potential photosensitizer for photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2792-2803	4.2	8
12	Replication stress-induced Exo1 phosphorylation is mediated by Rad53/Pph3 and Exo1 nuclear localization is controlled by 14-3-3 proteins. <i>Cell Division</i> , 2019 , 14, 1	2.8	8
11	Studying the cellular distribution of highly phototoxic platinated metalloporphyrins using isotope labelling. <i>Chemical Communications</i> , 2020 , 56, 14373-14376	5.8	7
10	Linker chemistry dictates the delivery of a phototoxic organometallic rhenium(i) complex to human cervical cancer cells from core crosslinked star polymer nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7805-7810	7.3	7

9	Mitotic DNA damage targets the Aurora A/TPX2 complex. <i>Cell Cycle</i> , 2010 , 9, 4592-9	4-7	6
8	Expression and purification of human recombinant GST-FGF receptor-1. <i>Journal of Biotechnology</i> , 2001 , 86, 51-8	3-7	4
7	Maintaining Genome Stability in Defiance of Mitotic DNA Damage. <i>Frontiers in Genetics</i> , 2016 , 7, 128	4-5	3
6	The human Exonuclease-1 interactome and phosphorylation sites. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 514, 567-573	3-4	2
5	A rapid purification protocol for the mitogen-activated p70 S6 kinase. <i>Protein Expression and Purification</i> , 1998 , 13, 170-6	2	2
4	active organometallic-containing antimycotic agents. <i>RSC Chemical Biology</i> , 2021 , 2, 1263-1273	3	2
3	The Transcription Factor B-Myb is Phosphorylated and Activated by Cyclin A/Cdk2 1998 , 31-41		1
2	Mechanism of Ca ²⁺ and phospholipid-independent protein phosphorylation by protein kinase C: protamines and related peptides as substrates and inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 1988 , 231, 427-32	3-6	
1	Synthesis and Biological Evaluation of Metallocene-Tethered Peptidyl Inhibitors of CDC25. <i>Organometallics</i> , 2021 , 40, 2716-2723	3-8	