

Ana Ramos

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58
papers

1,732
citations

19
h-index

40
g-index

60
ext. papers

1,904
ext. citations

4.5
avg, IF

4.08
L-index

#	Paper	IF	Citations
58	Intercalators as anticancer drugs. <i>Current Pharmaceutical Design</i> , 2001 , 7, 1745-80	3.3	350
57	Naphthalimides as anti-cancer agents: synthesis and biological activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2001 , 1, 237-55		200
56	Synthesis of cyclobutenes by the novel photochemical ring contraction of 4-substituted 2-amino-3,5-dicyano-6-phenyl-4H-pyrans. <i>Journal of Organic Chemistry</i> , 1989 , 54, 3069-3072	4.2	180
55	New analogues of amonafide and elinafide, containing aromatic heterocycles: synthesis, antitumor activity, molecular modeling, and DNA binding properties. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1391-97	8.3	109
54	Synthesis, biological evaluation and DNA binding properties of novel mono and bisnaphthalimides. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 648-54	3.9	67
53	Chromophore-modified bisnaphthalimides: DNA recognition, topoisomerase inhibition, and cytotoxic properties of two mono- and bisfuronaphthalimides. <i>Biochemistry</i> , 2003 , 42, 4136-50	3.2	60
52	Targeting matrix metalloproteinases: exploring the dynamics of the S1Tpocket in the design of selective, small molecule inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 10205-19	8.3	58
51	Pyrazolo[3,4-c]pyridazines as novel and selective inhibitors of cyclin-dependent kinases. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6843-54	8.3	57
50	Synthesis, antitumor activity, molecular modeling, and DNA binding properties of a new series of imidazonaphthalimides. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 5813-6	8.3	56
49	Synthesis and biological evaluation of analogues of butyrolactone I and molecular model of its interaction with CDK2. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1864-71	3.9	35
48	Dietary gallic acid and anthocyanin cytotoxicity on human fibrosarcoma HT1080 cells. A study on the mode of action. <i>Food and Function</i> , 2014 , 5, 381-9	6.1	29
47	Structure of micelle-bound adrenomedullin: a first step toward the analysis of its interactions with receptors and small molecules. <i>Biopolymers</i> , 2012 , 97, 45-53	2.2	28
46	MMP-2 selectivity in hydroxamate-type inhibitors. <i>Current Medicinal Chemistry</i> , 2012 , 19, 1036-64	4.3	28
45	Adrenomedullin: a new target for the design of small molecule modulators with promising pharmacological activities. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 737-50	6.8	28
44	Progress towards water-soluble triazole-based selective MMP-2 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 6623-41	3.9	25
43	Potent "clicked" MMP2 inhibitors: synthesis, molecular modeling and biological exploration. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4587-99	3.9	25
42	New scaffolds for the design of selective estrogen receptor modulators. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3486-96	3.9	24

41	The design of novel 17 β -hydroxysteroid dehydrogenase type 3 inhibitors. <i>Molecular and Cellular Endocrinology</i> , 2009 , 301, 259-65	4.4	22
40	An integrated computational and experimental approach to gaining selectivity for MMP-2 within the gelatinase subfamily. <i>ChemBioChem</i> , 2014 , 15, 399-412	3.8	20
39	Design and synthesis of novel dual-target agents for HDAC1 and CK2 inhibition. <i>RSC Advances</i> , 2016 , 6, 66595-66608	3.7	18
38	Adrenomedullin: a new and promising target for drug discovery. <i>Expert Opinion on Therapeutic Targets</i> , 2006 , 10, 303-17	6.4	17
37	A Study of the Competition between the Di- π -methane and the Azadi- π -methane Processes in 2-Vinyl- β,γ -unsaturated Oxime Derivatives. The Novel Azadi- π -methane Reactivity of β,γ -Unsaturated Oximes. <i>Journal of Organic Chemistry</i> , 1994 , 59, 8115-8124	4.2	17
36	Synthesis, biological activity and structural study of new benzotriazole-based protein kinase CK2 inhibitors. <i>RSC Advances</i> , 2015 , 5, 72482-72494	3.7	16
35	Unexpected Oxadi- π -methane Rearrangement of β -Unsaturated Aldehydes. <i>Journal of Organic Chemistry</i> , 1996 , 61, 1459-1466	4.2	16
34	Molecular Imaging Probes Based on Matrix Metalloproteinase Inhibitors (MMPis). <i>Molecules</i> , 2019 , 24,	4.8	15
33	Development of inhibitors of receptor protein tyrosine phosphatase λ (PTPRZ1) as candidates for CNS disorders. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 318-329	6.8	15
32	Multitarget Anticancer Agents Based on Histone Deacetylase and Protein Kinase CK2 inhibitors. <i>Molecules</i> , 2020 , 25,	4.8	14
31	A novel photochemical vinylcyclopropane rearrangement yielding 6,7-dihydro-5H-benzocycloheptene derivatives. <i>Organic Letters</i> , 2000 , 2, 183-6	6.2	14
30	Synthesis, biological evaluation, and three-dimensional quantitative structure-activity relationship study of small-molecule positive modulators of adrenomedullin. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4068-75	8.3	13
29	Multisite-directed inhibitors of protein kinase CK2: new challenges. <i>Molecular and Cellular Biochemistry</i> , 2011 , 356, 117-9	4.2	11
28	Extension of the aza-di- π -methane reaction to stable derivatives. Photochemical cyclization of β -unsaturated oxime acetates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991 , 223-228		11
27	Pharmacological inhibition of Receptor Protein Tyrosine Phosphatase λ (PTPRZ1) modulates behavioral responses to ethanol. <i>Neuropharmacology</i> , 2018 , 137, 86-95	5.5	11
26	A study on the scope of the photochemical ring contraction of substituted 2-amino-3-cyano-4H-pyrans to cyclobutenes: crystal structure of 3-carbamoyl-3-cyano-1-ethoxycarbonyl-4-isopropyl-2-phenylcyclobutene. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 3401-3406		10
25	The aza-di- π -methane rearrangement of β -unsaturated oximes. <i>Tetrahedron Letters</i> , 1994 , 35, 3785-3788	2	10
24	Inhibition of RPTP λ blocks ethanol-induced conditioned place preference in pleiotrophin knockout mice. <i>Behavioural Brain Research</i> , 2019 , 369, 111933	3.4	9

23	Design and synthesis of potent hydroxamate inhibitors with increased selectivity within the gelatinase family. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 142-56	3.9	9
22	Novel photocyclization of α,β -unsaturated oximes. <i>Recueil Des Travaux Chimiques Des Pays-Bas</i> , 1995 , 114, 514-516		9
21	Towards β -selectivity in functional estrogen receptor antagonists. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 7334-46	3.9	8
20	Novel photochemical behaviour of the oximes and hydrazones of α,β -unsaturated carbonyl compounds. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 1535-1542		8
19	Photochemical synthesis of oxime acetates derivatives of 1-carbaldehydobicyclo[n.1.0]alkanes by the aza-di- β -methane rearrangement.. <i>Tetrahedron</i> , 1993 , 49, 7159-7168	2.4	8
18	In silico identification and in vivo characterization of small molecule therapeutic hypothermia mimetics. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 6597-6604	3.4	7
17	New clicked thiirane derivatives as gelatinase inhibitors: the relevance of the P1? segment. <i>RSC Advances</i> , 2014 , 4, 17726	3.7	7
16	New Dual CK2/HDAC1 Inhibitors with Nanomolar Inhibitory Activity against Both Enzymes. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 713-719	4.3	6
15	Identification of first proadrenomedullin N-terminal 20 peptide (PAMP) modulator by means of virtual screening and NMR interaction experiments. <i>European Journal of Medicinal Chemistry</i> , 2012 , 55, 262-72	6.8	6
14	Small-molecule negative modulators of adrenomedullin: design, synthesis, and 3D-QSAR study. <i>ChemMedChem</i> , 2008 , 3, 1345-55	3.7	6
13	Photochemical reactivity of imines from benzil mono-oxime esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 2035		6
12	Retro-ene reactions of N-substituted derivatives of 4-aza-2,2-dimethyl-1-phenyl-3-butenone and related compounds. <i>Journal of Organic Chemistry</i> , 1987 , 52, 3378-3381	4.2	5
11	Unexpected reactivity of the anion derived from benzophenone benzoylhydrazone in the presence of electrophiles. <i>Tetrahedron Letters</i> , 1988 , 29, 3581-3584	2	5
10	Human protein kinase CK2 phosphorylates matrix metalloproteinase 2 and inhibits its activity. <i>ChemBioChem</i> , 2014 , 15, 1873-6	3.8	4
9	A novel photochemical ring contraction of 4H-pyrans. A new route to selectively substituted cyclobutenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1231		4
8	HDAC Inhibitors: Innovative Strategies for Their Design and Applications.. <i>Molecules</i> , 2022 , 27,	4.8	4
7	A study on the scope of the photochemical 1,3-migration of oximino groups in α,β -unsaturated oximes and oxime derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996 , 107-113		3
6	From a MMP2/CK2 multitarget approach to the identification of potent and selective MMP13 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 916-929	3.9	2

- 5 Inhibition of Receptor Protein Tyrosine Phosphatase β Reduces Alcohol Intake in Rats. *Alcoholism: Clinical and Experimental Research*, **2020**, 44, 1037-1045 3.7 2
- 4 New clicked full agonists of the estrogen receptor α *RSC Advances*, **2013**, 3, 3697 3.7 2
- 3 Proteasomal Degradation of Zn-Dependent Hdacs: The E3-Ligases Implicated and the Designed Protacs That Enable Degradation. *Molecules*, **2021**, 26, 4.8 2
- 2 Role of RPTP β in neuroinflammation and microglia-neuron communication. *Scientific Reports*, **2020**, 10, 20259 4.9 1
- 1 Bis[5,5-bis(4-methoxyphenyl)-3,3-dimethyl-2-tetrahydrofuryl] Ether. *Acta Crystallographica Section C: Crystal Structure Communications*, **1996**, 52, 2296-2298