Ana Ramos

List of Publications by Year in Descending Order

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	HDAC Inhibitors: Innovative Strategies for Their Design and Applications.. *Molecules*, **2022**, 27,	4.8	4
57	Proteasomal Degradation of Zn-Dependent Hdacs: The E3-Ligases Implicated and the Designed Protacs That Enable Degradation. *Molecules*, **2021**, 26,	4.8	2
56	Inhibition of Receptor Protein Tyrosine Phosphatase Reduces Alcohol Intake in Rats. *Alcoholism: Clinical and Experimental Research*, **2020**, 44, 1037-1045	3.7	2
55	New Dual CK2/HDAC1 Inhibitors with Nanomolar Inhibitory Activity against Both Enzymes. *ACS Medicinal Chemistry Letters*, **2020**, 11, 713-719	4.3	6
54	Multitarget Anticancer Agents Based on Histone Deacetylase and Protein Kinase CK2 inhibitors. *Molecules*, **2020**, 25,	4.8	14
53	Role of RPTP in neuroinflammation and microglia-neuron communication. *Scientific Reports*, **2020**, 10, 20259	4.9	1
52	From a MMP2/CK2 multitarget approach to the identification of potent and selective MMP13 inhibitors. *Organic and Biomolecular Chemistry*, **2019**, 17, 916-929	3.9	2
51	Inhibition of RPTP blocks ethanol-induced conditioned place preference in pleiotrophin knockout mice. *Behavioural Brain Research*, **2019**, 369, 111933	3.4	9
50	Molecular Imaging Probes Based on Matrix Metalloproteinase Inhibitors (MMPIs). *Molecules*, **2019**, 24,	4.8	15
49	Development of inhibitors of receptor protein tyrosine phosphatase (PTPRZ1) as candidates for CNS disorders. *European Journal of Medicinal Chemistry*, **2018**, 144, 318-329	6.8	15
48	Pharmacological inhibition of Receptor Protein Tyrosine Phosphatase (PTPRZ1) modulates behavioral responses to ethanol. *Neuropharmacology*, **2018**, 137, 86-95	5.5	11
47	In silico identification and in vivo characterization of small molecule therapeutic hypothermia mimetics. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 6597-6604	3.4	7
46	Design and synthesis of novel dual-target agents for HDAC1 and CK2 inhibition. *RSC Advances*, **2016**, 6, 66595-66608	3.7	18
45	Synthesis, biological activity and structural study of new benzotriazole-based protein kinase CK2 inhibitors. *RSC Advances*, **2015**, 5, 72482-72494	3.7	16
44	Design and synthesis of potent hydroxamate inhibitors with increased selectivity within the gelatinase family. *Organic and Biomolecular Chemistry*, **2015**, 13, 142-56	3.9	9
43	Dietary gallic acid and anthocyanin cytotoxicity on human fibrosarcoma HT1080 cells. A study on the mode of action. *Food and Function*, **2014**, 5, 381-9	6.1	29
42	New clicked thiirane derivatives as gelatinase inhibitors: the relevance of the P1? segment. *RSC Advances*, **2014**, 4, 17726	3.7	7

41	Targeting matrix metalloproteinases: exploring the dynamics of the s1Tpocket in the design of selective, small molecule inhibitors. *Journal of Medicinal Chemistry*, **2014**, 57, 10205-19	8.3	58
40	Human protein kinase CK2 phosphorylates matrix metalloproteinase 2 and inhibits its activity. *ChemBioChem*, **2014**, 15, 1873-6	3.8	4
39	An integrated computational and experimental approach to gaining selectivity for MMP-2 within the gelatinase subfamily. *ChemBioChem*, **2014**, 15, 399-412	3.8	20
38	Progress towards water-soluble triazole-based selective MMP-2 inhibitors. *Organic and Biomolecular Chemistry*, **2013**, 11, 6623-41	3.9	25
37	New clicked full agonists of the estrogen receptor *RSC Advances*, **2013**, 3, 3697	3.7	2
36	Structure of micelle-bound adrenomedullin: a first step toward the analysis of its interactions with receptors and small molecules. *Biopolymers*, **2012**, 97, 45-53	2.2	28
35	Towards selectivity in functional estrogen receptor antagonists. *Organic and Biomolecular Chemistry*, **2012**, 10, 7334-46	3.9	8
34	Identification of first proadrenomedullin N-terminal 20 peptide (PAMP) modulator by means of virtual screening and NMR interaction experiments. *European Journal of Medicinal Chemistry*, **2012**, 55, 262-72	6.8	6
33	MMP-2 selectivity in hydroxamate-type inhibitors. *Current Medicinal Chemistry*, **2012**, 19, 1036-64	4.3	28
32	Potent "clicked" MMP2 inhibitors: synthesis, molecular modeling and biological exploration. *Organic and Biomolecular Chemistry*, **2011**, 9, 4587-99	3.9	25
31	Multisite-directed inhibitors of protein kinase CK2: new challenges. *Molecular and Cellular Biochemistry*, **2011**, 356, 117-9	4.2	11
30	The design of novel 17beta-hydroxysteroid dehydrogenase type 3 inhibitors. *Molecular and Cellular Endocrinology*, **2009**, 301, 259-65	4.4	22
29	New scaffolds for the design of selective estrogen receptor modulators. *Organic and Biomolecular Chemistry*, **2008**, 6, 3486-96	3.9	24
28	Small-molecule negative modulators of adrenomedullin: design, synthesis, and 3D-QSAR study. *ChemMedChem*, **2008**, 3, 1345-55	3.7	6
27	Adrenomedullin: a new and promising target for drug discovery. *Expert Opinion on Therapeutic Targets*, **2006**, 10, 303-17	6.4	17
26	Synthesis, biological evaluation, and three-dimensional quantitative structure-activity relationship study of small-molecule positive modulators of adrenomedullin. *Journal of Medicinal Chemistry*, **2005**, 48, 4068-75	8.3	13
25	Adrenomedullin: a new target for the design of small molecule modulators with promising pharmacological activities. *European Journal of Medicinal Chemistry*, **2005**, 40, 737-50	6.8	28
24	Pyrazolo[3,4-c]pyridazines as novel and selective inhibitors of cyclin-dependent kinases. *Journal of Medicinal Chemistry*, **2005**, 48, 6843-54	8.3	57

23	New analogues of amonafide and elinafide, containing aromatic heterocycles: synthesis, antitumor activity, molecular modeling, and DNA binding properties. *Journal of Medicinal Chemistry*, **2004**, 47, 1391-9	8.3	109
22	Synthesis and biological evaluation of analogues of butyrolactone I and molecular model of its interaction with CDK2. *Organic and Biomolecular Chemistry*, **2004**, 2, 1864-71	3.9	35
21	Chromophore-modified bisnaphthalimides: DNA recognition, topoisomerase inhibition, and cytotoxic properties of two mono- and bisfuronaphthalimides. *Biochemistry*, **2003**, 42, 4136-50	3.2	60
20	Synthesis, biological evaluation and DNA binding properties of novel mono and bisnaphthalimides. *Organic and Biomolecular Chemistry*, **2003**, 1, 648-54	3.9	67
19	Synthesis, antitumor activity, molecular modeling, and DNA binding properties of a new series of imidazonaphthalimides. *Journal of Medicinal Chemistry*, **2002**, 45, 5813-6	8.3	56
18	Naphthalimides as anti-cancer agents: synthesis and biological activity. *Anti-Cancer Agents in Medicinal Chemistry*, **2001**, 1, 237-55		200
17	Intercalators as anticancer drugs. *Current Pharmaceutical Design*, **2001**, 7, 1745-80	3.3	350
16	A novel photochemical vinylcyclopropane rearrangement yielding 6,7-dihydro-5H-benzocycloheptene derivatives. *Organic Letters*, **2000**, 2, 183-6	6.2	14
15	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. *Journal of the Chemical Society Perkin Transactions 1*, **1997**, 3401-3406		10
14	Novel photochemical behaviour of the oximes and hydrazones of β,γ-unsaturated carbonyl compounds. *Journal of the Chemical Society Perkin Transactions 1*, **1997**, 1535-1542		8
13	Unexpected Oxadi-π-methane Rearrangement of β,γ-Unsaturated Aldehydes. *Journal of Organic Chemistry*, **1996**, 61, 1459-1466	4.2	16
12	A study on the scope of the photochemical 1,3-migration of oximino groups in β,γ-unsaturated oximes and oxime derivatives. *Journal of the Chemical Society Perkin Transactions 1*, **1996**, 107-113		3
11	Bis[5,5-bis(4-methoxyphenyl)-3,3-dimethyl-2-tetrahydrofuranyl] Ether. *Acta Crystallographica Section C: Crystal Structure Communications*, **1996**, 52, 2296-2298		
10	Novel photocyclization of β,γ-unsaturated oximes. *Recueil Des Travaux Chimiques Des Pays-Bas*, **1995**, 114, 514-516		9
9	The aza-di-π-methane rearrangement of β,γ-unsaturated oximes. *Tetrahedron Letters*, **1994**, 35, 3785-3788	2	10
8	A Study of the Competition between the Di-.pi.-methane and the Azadi-.pi.-methane Processes in 2-Vinyl-.beta.,.gamma.-unsaturated Oxime Derivatives. The Novel Azadi-.pi.-methane Reactivity of .beta.,.gamma.-Unsaturated Oximes. *Journal of Organic Chemistry*, **1994**, 59, 8115-8124	4.2	17
7	Photochemical synthesis of oxime acetates derivatives of 1-carbaldehydobicyclo[n.1.0]alkanes by the aza-di-π-methane rearrangement.. *Tetrahedron*, **1993**, 49, 7159-7168	2.4	8
6	Extension of the aza-di-π-methane reaction to stable derivatives. Photochemical cyclization of β,γ-unsaturated oxime acetates. *Journal of the Chemical Society Perkin Transactions 1*, **1991**, 223-228		11

5	Synthesis of cyclobutenes by the novel photochemical ring contraction of 4-substituted 2-amino-3,5-dicyano-6-phenyl-4H-pyrans. *Journal of Organic Chemistry*, **1989**, 54, 3069-3072	4.2	180
4	Photochemical reactivity of imines from benzil mono-oxime esters. *Journal of the Chemical Society Perkin Transactions 1*, **1989**, 2035		6
3	Unexpected reactivity of the anion derived from benzophenone benzoylhydrazone in the presence of electrophiles. *Tetrahedron Letters*, **1988**, 29, 3581-3584	2	5
2	A novel photochemical ring contraction of 4H-pyrans. A new route to selectively substituted cyclobutenes. *Journal of the Chemical Society Chemical Communications*, **1987**, 1231		4
1	Retro-ene reactions of N-substituted derivatives of 4-aza-2,2-dimethyl-1-phenyl-3-butenone and related compounds. *Journal of Organic Chemistry*, **1987**, 52, 3378-3381	4.2	5