Eva-MarÃ-a Priego

List of Publications by Year
in descending order

44 papers	1,275 citations	331259 21 h-index	360668 35 g-index
47 all docs	47 docs citations	47 times ranked	2036 citing authors

#	Article	IF	Citations
1	Blocking Blood Flow to Solid Tumors by Destabilizing Tubulin: An Approach to Targeting Tumor Growth. Journal of Medicinal Chemistry, 2016, 59, 8685-8711.	2.9	145
2	The Crystal Structure of the BAR Domain from Human Bin1/Amphiphysin II and Its Implications for Molecular Recognitionâ€. Biochemistry, 2006, 45, 12917-12928.	1.2	72
3	A New Photoactive and Highly Soluble C60â^'TTFâ^'C60Dimer:â€‰ Charge Separation and Recombination. Organic Letters, 2000, 2, 4021-4024.	2.4	66
4	Identification of [1,2,3]Triazolo[4,5-d]pyrimidin-7(6H)-ones as Novel Inhibitors of Chikungunya Virus Replication. Journal of Medicinal Chemistry, 2014, 57, 4000-4008.	2.9	60
5	A new approach to supramolecular C60-dimers based in quadruple hydrogen bonding. Chemical Communications, 2001, , 163-164.	2.2	57
6	Pyrido[2,1-f]purine-2,4-dione Derivatives as a Novel Class of Highly Potent Human A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2002, 45, 3337-3344.	2.9	57
7	Thymidine Phosphorylase Inhibitors: Recent Developments and Potential Therapeutic Applications. Mini-Reviews in Medicinal Chemistry, 2005, 5, 1113-1123.	1.1	51
8	Antivascular and antitumor properties of the tubulin-binding chalcone TUB091. Oncotarget, 2017, 8, 14325-14342.	0.8	50
9	Novel Colchicine-Site Binders with a Cyclohexanedione Scaffold Identified through a Ligand-Based Virtual Screening Approach. Journal of Medicinal Chemistry, 2014, 57, 3924-3938.	2.9	46
10	Antiviral activity of [1,2,3]triazolo[4,5- d]pyrimidin-7(6 H)-ones against chikungunya virus targeting the viral capping nsP1. Antiviral Research, 2017, 144, 216-222.	1.9	44
11	High-affinity ligands of the colchicine domain in tubulin based on a structure-guided design. Scientific Reports, 2018, 8, 4242.	1.6	42
12	Genome bioinformatic analysis of nonsynonymous SNPs. BMC Bioinformatics, 2007, 8, 301.	1.2	38
13	Targeting LMO2 with a Peptide Aptamer Establishes a Necessary Function in Overt T-Cell Neoplasia. Cancer Research, 2009, 69, 4784-4790.	0.4	36
14	Role of Histidine-85 in the Catalytic Mechanism of Thymidine Phosphorylase As Assessed by Targeted Molecular Dynamics Simulations and Quantum Mechanical Calculations. Biochemistry, 2004, 43, 405-414.	1.2	34
15	Anti-angiogenic activity of a novel multi-substrate analogue inhibitor of thymidine phosphorylase. FEBS Letters, 2002, 510, 83-88.	1.3	32
16	5â€˜-O-Tritylinosine and Analogues as Allosteric Inhibitors of Human Thymidine Phosphorylase. Journal of Medicinal Chemistry, 2006, 49, 5562-5570.	2.9	32
17	5â€²-O-Tritylated Nucleoside Derivatives: Inhibition of Thymidine Phosphorylase and Angiogenesis. Molecular Pharmacology, 2006, 70, 501-509.	1.0	30
18	9-Arylpurines as a Novel Class of Enterovirus Inhibitors. Journal of Medicinal Chemistry, 2010, 53, 316-324.	2.9	28

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19	New functionalized and soluble bis-tetrathiafulvalene derivatives as building blocks in the construction of fullerene-derived electroactive triads. Tetrahedron Letters, 2000, 41, 7737-7741.	0.7	27
20	Structure, physiological role, and specific inhibitors of human thymidine kinase 2 (TK2): Present and future. Medicinal Research Reviews, 2008, 28, 797-820.	5.0	23
21	Chalcones and Chalcone-mimetic Derivatives as Notch Inhibitors in a Model of T-cell Acute Lymphoblastic Leukemia. ACS Medicinal Chemistry Letters, 2019, 10, 639-643.	1.3	23
22	Efficient synthesis and anti-enteroviral activity of 9-arylpurines. European Journal of Medicinal Chemistry, 2012, 49, 279-288.	2.6	21
23	Chikungunya virus drug discovery: still a long way to go?. Expert Opinion on Drug Discovery, 2019, 14, 855-866.	2.5	21
24	Inhibition of the Replication of Different Strains of Chikungunya Virus by 3-Aryl-[1,2,3]triazolo[4,5-d]pyrimidin-7(6H)-ones. ACS Infectious Diseases, 2018, 4, 605-619.	1.8	18
25	Mitochondrial Thymidine Kinase Inhibitors. Current Topics in Medicinal Chemistry, 2005, 5, 1205-1219.	1.0	17
26	Identification of a novel 2-oxindole fluorinated derivative as in vivo antitumor agent for prostate cancer acting via AMPK activation. Scientific Reports, 2018, 8, 4370.	1.6	17
27	Selective Human Adenosine A₃ Antagonists based on Pyrido[2,1â€f]purineâ€2,4â€diones: Novel Features of hA₃ Antagonist Binding. ChemMedChem, 2008, 3, 111-119.	1.6	16
28	Recent Advances in Thymidine Kinase 2 (TK2) Inhibitors and New Perspectives for Potential Applications. Current Pharmaceutical Design, 2012, 18, 2981-2994.	0.9	15
29	CRDOCK: An Ultrafast Multipurpose Proteinâ€“Ligand Docking Tool. Journal of Chemical Information and Modeling, 2012, 52, 2300-2309.	2.5	15
30	Conformational mimetics of the Î±-methyl chalcone TUB091 binding tubulin: Design, synthesis and antiproliferative activity. European Journal of Medicinal Chemistry, 2018, 148, 337-348.	2.6	15
31	Thymidine Phosphorylase is Noncompetitively Inhibited by 5â€²-O-Trityl-Inosine (KIN59) and Related Compounds. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 975-980.	0.4	14
32	Synthesis and radical coupling of pyridine-bridged Ï€-extended tetrathiafulvalene (TTF)-type donors and pushâ€“pull analogues. Organic and Biomolecular Chemistry, 2007, 5, 1201-1209.	1.5	14
33	An Experimental Study of the Stability and Dynamics of Langmuir Films of Fullerene Derivatives and Their Mixtures with Pentadecanoic Acid. Langmuir, 2001, 17, 3317-3328.	1.6	13
34	Microwave-assisted synthesis of C-8 aryl and heteroaryl inosines and determination of their inhibitory activities against Plasmodium falciparum purine nucleoside phosphorylase. European Journal of Medicinal Chemistry, 2014, 82, 459-465.	2.6	13
35	Antivirals against (Re)emerging Flaviviruses: Should We Target the Virus or the Host?. ACS Medicinal Chemistry Letters, 2022, 13, 5-10.	1.3	13
36	A New and Efficient One-pot Synthesis of Pyrido[2,1-f]purine-2,4-diones Starting from 6-Aminouracil Derivatives. Synlett, 2002, 2002, 0155-0157.	1.0	12

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37	Synthesis and evaluation of thymine-derived carboxamides against mitochondrial thymidine kinase (TK-2) and related enzymes. Bioorganic and Medicinal Chemistry, 2004, 12, 5079-5090.	1.4	11
38	Synthesis and antiproliferative activity of 6-phenylaminopurines. European Journal of Medicinal Chemistry, 2014, 87, 421-428.	2.6	8
39	Targeting the colchicine site in tubulin through cyclohexanedione derivatives. RSC Advances, 2016, 6, 19492-19506.	1.7	8
40	Intramolecular Cationâ˜Ï€ Interactions As the Driving Force To Restrict the Conformation of Certain Nucleosides. Journal of Organic Chemistry, 2010, 75, 1974-1981.	1.7	5
41	Diphenyl ether derivatives occupy the expanded binding site of cyclohexanedione compounds at the colchicine site in tubulin by movement of the Î±T5 loop. European Journal of Medicinal Chemistry, 2019, 171, 195-208.	2.6	5
42	Design and Synthesis of New 6-Nitro and 6-Amino-3,3a,4,5-Tetrahydro-2H-Benzo[g]indazole Derivatives: Antiproliferative and Antibacterial Activity. Molecules, 2019, 24, 4236.	1.7	5
43	Towards New Thymidine Phosphorylase/PD-ECGF Inhibitors Based on the Transition State of the Enzyme Reaction. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 951-953.	0.4	3
44	Neuroprotective Effect of IND1316, an Indole-Based AMPK Activator, in Animal Models of Huntington Disease. ACS Chemical Neuroscience, 2022, 13, 275-287.	1.7	3