Jose R Murguia

List of Publications by Year
in descending order

36 papers	1,538 citations	361413 20 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	2308 citing authors

#	Article	IF	Citations
1	Sensing and responding to DNA damage. Current Opinion in Genetics and Development, 2000, 10, 17-25.	3.3	252
2	Cisplatin induces a persistent activation of JNK that is related to cell death. Oncogene, 1998, 16, 533-540.	5.9	233
3	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 10556-10560.	13.8	122
4	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. Langmuir, 2015, 31, 3753-3762.	3.5	104
5	Human and mouse homologs ofSchizosaccharomyces pombe rad1⁺andSaccharomyces cerevisiae RAD17:linkage to checkpoint control and mammalian meiosis. Genes and Development, 1998, 12, 2560-2573.	5.9	100
6	Toward the Design of Smart Delivery Systems Controlled by Integrated Enzyme-Based Biocomputing Ensembles. Journal of the American Chemical Society, 2014, 136, 9116-9123.	13.7	100
7	Acetylenic Acids from the Aerial Parts ofNanodeamuscosaâŠ¥. Journal of Natural Products, 2003, 66, 722-724.	3.0	71
8	Yeast on drugs: Saccharomyces cerevisiae as a tool for anticancer drug research. Clinical and Translational Oncology, 2007, 9, 221-228.	2.4	54
9	Selective, Highly Sensitive, and Rapid Detection of Genomic DNA by Using Gated Materials: Mycoplasma Detection. Angewandte Chemie - International Edition, 2013, 52, 8938-8942.	13.8	51
10	New functions of protein kinase Gcn2 in yeast and mammals. IUBMB Life, 2012, 64, 971-974.	3.4	40
11	A novel role for protein kinase Gcn2 in yeast tolerance to intracellular acid stress. Biochemical Journal, 2012, 441, 255-264.	3.7	36
12	Oligonucleotide-capped mesoporous silica nanoparticles as DNA-responsive dye delivery systems for genomic DNA detection. Chemical Communications, 2015, 51, 1414-1416.	4.1	33
13	Enhanced Efficacy and Broadening of Antibacterial Action of Drugs via the Use of Capped Mesoporous Nanoparticles. Chemistry - A European Journal, 2013, 19, 11167-11171.	3.3	31
14	Ïµâ€Polylysineâ€Capped Mesoporous Silica Nanoparticles as Carrier of the C9h Peptide to Induce Apoptosis in Cancer Cells. Chemistry - A European Journal, 2018, 24, 1890-1897.	3.3	29
15	Novel DNA-Damaging Tropolone Derivatives fromGoupia glabra. European Journal of Organic Chemistry, 2003, 2003, 4243-4247.	2.4	28
16	Synthesis of Functionalized Nitrogen Heterocycles by Radical Decarboxylation of Î²- and Î³-Amino Acids. European Journal of Organic Chemistry, 2005, 2005, 673-682.	2.4	28
17	A dyskerin motif reactivates telomerase activity in X-linked dyskeratosis congenita and in telomerase-deficient human cells. Blood, 2008, 111, 2606-2614.	1.4	26
18	Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous nanoparticles. International Journal of Nanomedicine, 2014, 9, 2597.	6.7	26

#	Article	IF	Citations
19	Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. Langmuir, 2016, 32, 1195-1200.	3.5	26
20	Gcn2p Regulates a G1/S Cell Cycle Checkpoint in Response to DNA Damage. Cell Cycle, 2007, 6, 2302-2305.	2.6	23
21	Synthesis of functionalized nitrogen heterocycles from Î²- and Î³-amino acids by radical decarboxylation. Tetrahedron Letters, 2004, 45, 6841-6845.	1.4	15
22	The Immunosuppressant FK506 Uncovers a Positive Regulatory Cross-talk between the Hog1p and Gcn2p Pathways. Journal of Biological Chemistry, 2003, 278, 33887-33895.	3.4	13
23	Genotoxic activity of halogenated phenylglycine derivatives. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 6073-6077.	2.2	12
24	hCCR4/cNOT6 targets DNA-damage response proteins. Cancer Letters, 2009, 273, 281-291.	7.2	11
25	Î²-lapachone Activates a Mre11p-Tel1p G1/S Checkpoint in Budding Yeast. Cell Cycle, 2006, 5, 2509-2516.	2.6	10
26	FM19G11: A new modulator of HIF that links mTOR activation with the DNA damage checkpoint pathways. Cell Cycle, 2010, 9, 2875-2885.	2.6	10
27	Sodium tungstate modulates ATM function upon DNA damage. FEBS Letters, 2013, 587, 1579-1586.	2.8	10
28	FK506 sensitizes mammalian cells to high osmolarity by modulating p38 MAP kinase activation. Cellular and Molecular Life Sciences, 2004, 61, 700-708.	5.4	9
29	Antiâ€diabetic and antiâ€obesity agent sodium tungstate enhances GCN pathway activation through Glc7p inhibition. FEBS Letters, 2012, 586, 270-276.	2.8	8
30	Activation of the C-fos promoter by increased internal pH. Journal of Cellular Biochemistry, 1995, 57, 630-640.	2.6	7
31	A set of African swine fever virus tandem repeats shares similarities with SAR-like sequences. Journal of General Virology, 1995, 76, 729-740.	2.9	7
32	A Plant Virus Movement Protein Regulates the Gcn2p Kinase in Budding Yeast. PLoS ONE, 2011, 6, e27409.	2.5	6
33	eIF2 kinases mediate Î²-lapachone toxicity in yeast and human cancer cells. Cell Cycle, 2015, 14, 630-640.	2.6	5
34	Between Scylla and Charibdis: eIF2Î± kinases as targets for cancer chemotherapy. Clinical and Translational Oncology, 2011, 13, 442-445.	2.4	2
35	Synthesis of Functionalized Nitrogen Heterocycles by Radical Decarboxylation of Î²- and Î³-Amino Acids.. ChemInform, 2005, 36, no.	0.0	0
36	hCCR4/CNOT complex targets DNA damage signalling pathway after genotoxic stress. European Journal of Cancer, Supplement, 2008, 6, 48.	2.2	0