

# Jose R Murguia

## List of Publications by Year in descending order

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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	<i>ε</i> -Polylysine-Capped Mesoporous Silica Nanoparticles as Carrier of the C <sub>9</sub> H Peptide to Induce Apoptosis in Cancer Cells. <i>Chemistry - A European Journal</i> , 2018, 24, 1890-1897.	3.3	29
2	Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. <i>Langmuir</i> , 2016, 32, 1195-1200.	3.5	26
3	eIF2 kinases mediate $\hat{2}$ -lapachone toxicity in yeast and human cancer cells. <i>Cell Cycle</i> , 2015, 14, 630-640.	2.6	5
4	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. <i>Langmuir</i> , 2015, 31, 3753-3762.	3.5	104
5	Oligonucleotide-capped mesoporous silica nanoparticles as DNA-responsive dye delivery systems for genomic DNA detection. <i>Chemical Communications</i> , 2015, 51, 1414-1416.	4.1	33
6	Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 2597.	6.7	26
7	Toward the Design of Smart Delivery Systems Controlled by Integrated Enzyme-Based Biocomputing Ensembles. <i>Journal of the American Chemical Society</i> , 2014, 136, 9116-9123.	13.7	100
8	Selective, Highly Sensitive, and Rapid Detection of Genomic DNA by Using Gated Materials: <i>Mycoplasma</i> Detection. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8938-8942.	13.8	51
9	Sodium tungstate modulates ATM function upon DNA damage. <i>FEBS Letters</i> , 2013, 587, 1579-1586.	2.8	10
10	Enhanced Efficacy and Broadening of Antibacterial Action of Drugs via the Use of Capped Mesoporous Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 11167-11171.	3.3	31
11	A novel role for protein kinase Gcn2 in yeast tolerance to intracellular acid stress. <i>Biochemical Journal</i> , 2012, 441, 255-264.	3.7	36
12	New functions of protein kinase Gcn2 in yeast and mammals. <i>IUBMB Life</i> , 2012, 64, 971-974.	3.4	40
13	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	13.8	122
14	Anti-diabetic and anti-obesity agent sodium tungstate enhances GCN pathway activation through Glc7p inhibition. <i>FEBS Letters</i> , 2012, 586, 270-276.	2.8	8
15	A Plant Virus Movement Protein Regulates the Gcn2p Kinase in Budding Yeast. <i>PLoS ONE</i> , 2011, 6, e27409.	2.5	6
16	Between Scylla and Charibdis: eIF2 $\pm$ kinases as targets for cancer chemotherapy. <i>Clinical and Translational Oncology</i> , 2011, 13, 442-445.	2.4	2
17	FM19G11: A new modulator of HIF that links mTOR activation with the DNA damage checkpoint pathways. <i>Cell Cycle</i> , 2010, 9, 2875-2885.	2.6	10
18	hCCR4/cNOT6 targets DNA-damage response proteins. <i>Cancer Letters</i> , 2009, 273, 281-291.	7.2	11

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19	hCCR4/CNOT complex targets DNA damage signalling pathway after genotoxic stress. <i>European Journal of Cancer, Supplement</i> , 2008, 6, 48.	2.2	0
20	A dyskerin motif reactivates telomerase activity in X-linked dyskeratosis congenita and in telomerase-deficient human cells. <i>Blood</i> , 2008, 111, 2606-2614.	1.4	26
21	Gcn2p Regulates a G1/S Cell Cycle Checkpoint in Response to DNA Damage. <i>Cell Cycle</i> , 2007, 6, 2302-2305.	2.6	23
22	Yeast on drugs: <i>Saccharomyces cerevisiae</i> as a tool for anticancer drug research. <i>Clinical and Translational Oncology</i> , 2007, 9, 221-228.	2.4	54
23	Genotoxic activity of halogenated phenylglycine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 6073-6077.	2.2	12
24	Î <sup>2</sup> -lapachone Activates a Mre11p-Tel1p G1/S Checkpoint in Budding Yeast. <i>Cell Cycle</i> , 2006, 5, 2509-2516.	2.6	10
25	Synthesis of Functionalized Nitrogen Heterocycles by Radical Decarboxylation of Î <sup>2</sup> - and Î <sup>3</sup> -Amino Acids. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 673-682.	2.4	28
26	Synthesis of Functionalized Nitrogen Heterocycles by Radical Decarboxylation of Î <sup>2</sup> - and Î <sup>3</sup> -Amino Acids.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
27	FK506 sensitizes mammalian cells to high osmolarity by modulating p38 MAP kinase activation. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 700-708.	5.4	9
28	Synthesis of functionalized nitrogen heterocycles from Î <sup>2</sup> - and Î <sup>3</sup> -amino acids by radical decarboxylation. <i>Tetrahedron Letters</i> , 2004, 45, 6841-6845.	1.4	15
29	Novel DNA-Damaging Tropolone Derivatives from <i>Goupia glabra</i> . <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4243-4247.	2.4	28
30	Acetylenic Acids from the Aerial Parts of <i>Nanodeamuscosa</i> . <i>Journal of Natural Products</i> , 2003, 66, 722-724.	3.0	71
31	The Immunosuppressant FK506 Uncovers a Positive Regulatory Cross-talk between the Hog1p and Gcn2p Pathways. <i>Journal of Biological Chemistry</i> , 2003, 278, 33887-33895.	3.4	13
32	Sensing and responding to DNA damage. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 17-25.	3.3	252
33	Cisplatin induces a persistent activation of JNK that is related to cell death. <i>Oncogene</i> , 1998, 16, 533-540.	5.9	233
34	Human and mouse homologs of <i>Schizosaccharomyces pombe</i> rad1 and <i>Saccharomyces cerevisiae</i> RAD17 linkage to checkpoint control and mammalian meiosis. <i>Genes and Development</i> , 1998, 12, 2560-2573.	5.9	100
35	Activation of the C-fos promoter by increased internal pH. <i>Journal of Cellular Biochemistry</i> , 1995, 57, 630-640.	2.6	7
36	A set of African swine fever virus tandem repeats shares similarities with SAR-like sequences. <i>Journal of General Virology</i> , 1995, 76, 729-740.	2.9	7