

# Nuno Milhazes

## List of Publications by Year in descending order

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37  
papers

3,106  
citations

236612

25  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

4550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Coumarins and Analogues in Medicinal Chemistry: Occurrence, Synthesis and Biological Activity. <i>Current Medicinal Chemistry</i> , 2005, 12, 887-916.	1.2	828
2	Chromone as a Privileged Scaffold in Drug Discovery: Recent Advances. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7941-7957.	2.9	273
3	Anticancer Activity of Phenolic Acids of Natural or Synthetic Origin: A Structure-Activity Study. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 5395-5401.	2.9	250
4	Methamphetamine-induced neuroinflammation and neuronal dysfunction in the mice hippocampus: preventive effect of indomethacin. <i>European Journal of Neuroscience</i> , 2010, 31, 315-326.	1.2	125
5	Lipophilic Caffeic and Ferulic Acid Derivatives Presenting Cytotoxicity against Human Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 763-774.	1.7	115
6	Methamphetamine transiently increases the blood-brain barrier permeability in the hippocampus: Role of tight junction proteins and matrix metalloproteinase-9. <i>Brain Research</i> , 2011, 1411, 28-40.	1.1	110
7	Methamphetamine-induced Early Increase of IL-6 and TNF- $\alpha$ mRNA Expression in the Mouse Brain. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 103-111.	1.8	106
8	Lipophilic phenolic antioxidants: Correlation between antioxidant profile, partition coefficients and redox properties. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5816-5825.	1.4	94
9	Methamphetamine induces alterations on hippocampal NMDA and AMPA receptor subunit levels and impairs spatial working memory. <i>Neuroscience</i> , 2007, 150, 433-441.	1.1	91
10	Structure-Property-Activity Relationship of Phenolic Acids and Derivatives. Protocatechuic Acid Alkyl Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6986-6993.	2.4	91
11	Hepatotoxicity of 3,4-methylenedioxyamphetamine and $\beta$ -methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , 2004, 78, 16-24.	1.9	82
12	The toxicity of N-methyl- $\beta$ -methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. <i>Toxicology</i> , 2004, 200, 193-203.	2.0	77
13	Chromone 3-phenylcarboxamides as potent and selective MAO-B inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 707-709.	1.0	76
14	$\beta$ -Nitrostyrene derivatives as potential antibacterial agents: A structure-property-activity relationship study. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4078-4088.	1.4	73
15	New insights into the antioxidant activity of hydroxycinnamic acids: Synthesis and physicochemical characterization of novel halogenated derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2092-2099.	2.6	73
16	Role of metabolites in MDMA (ecstasy)-induced nephrotoxicity: an in vitro study using rat and human renal proximal tubular cells. <i>Archives of Toxicology</i> , 2002, 76, 581-588.	1.9	72
17	Metabolism Is Required for the Expression of Ecstasy-Induced Cardiotoxicity in Vitro. <i>Chemical Research in Toxicology</i> , 2004, 17, 623-632.	1.7	71
18	Evaluation of the lipophilic properties of opioids, amphetamine-like drugs, and metabolites through electrochemical studies at the interface between two immiscible solutions. <i>Analytical Biochemistry</i> , 2007, 361, 236-243.	1.1	59

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19	Synthesis and Cytotoxic Profile of 3,4-Methylenedioxymethamphetamine (â€œEcstasyâ€) and Its Metabolites on Undifferentiated PC12 Cells: A Putative Structureâˆ™Toxicity Relationship. <i>Chemical Research in Toxicology</i> , 2006, 19, 1294-1304.	1.7	56
20	Chromone-2- and -3-carboxylic acids inhibit differently monoamine oxidases A and B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2709-2712.	1.0	47
21	Electrochemical and spectroscopic characterisation of amphetamine-like drugs: Application to the screening of 3,4-methylenedioxymethamphetamine (MDMA) and its synthetic precursors. <i>Analytica Chimica Acta</i> , 2007, 596, 231-241.	2.6	43
22	Methamphetamine Changes NMDA and AMPA Glutamate Receptor Subunit Levels in the Rat Striatum and Frontal Cortex. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 232-241.	1.8	39
23	Conformational analysis of a trihydroxylated derivative of cinnamic acidâ€™a combined Raman spectroscopy and Ab initio study. <i>Journal of Molecular Structure</i> , 2004, 693, 103-118.	1.8	37
24	Towards the Discovery of a Novel Class of Monoamine Oxidase Inhibitors: Structureâ€™Propertyâ€™Activity and Docking Studies on Chromone Amides. <i>ChemMedChem</i> , 2011, 6, 628-632.	1.6	34
25	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , 2003, 17, 6-13.	0.8	28
26	Methamphetamine, Morphine, and Their Combination: Acute Changes in Striatal Dopaminergic Transmission Evaluated by Microdialysis in Awake Rats. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 160-173.	1.8	26
27	Variable delay-to-signal: a fast paradigm for assessment of aspects of impulsivity in rats. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 154.	1.0	24
28	Identification of synthetic precursors of amphetamine-like drugs using Raman spectroscopy and ab initio calculations: Î²-Methyl-Î²-nitrostyrene derivatives. <i>Analyst</i> , The, 2004, 129, 1106-1117.	1.7	18
29	Parkinson's Disease Management. Part II- Discovery of MAO-B Inhibitors Based on Nitrogen Heterocycles and Analogues. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2116-2130.	1.0	16
30	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2466-2471.	0.7	15
31	Î²-Nitrostyrene derivativesâ€™a conformational study by combined Raman spectroscopy and ab initio MO calculations. <i>Journal of Molecular Structure</i> , 2004, 692, 91-106.	1.8	13
32	Methamphetamine decreases dentate gyrus stem cell self-renewal and shifts the differentiation towards neuronal fate. <i>Stem Cell Research</i> , 2014, 13, 329-341.	0.3	13
33	Long-Term Treatment with Low Doses of Methamphetamine Promotes Neuronal Differentiation and Strengthens Long-Term Potentiation of Glutamatergic Synapses onto Dentate Granule Neurons. <i>ENeuro</i> , 2016, 3, ENEURO.0141-16.2016.	0.9	10
34	Caffeic and Ferulic Acid Derivatives. , 2015, , 663-671.		7
35	Molecular Encapsulation of Herbicide Terbutylazine in Native and Modified<i>Î²</i>-Cyclodextrin. <i>Journal of Chemistry</i> , 2017, 2017, 1-9.	0.9	7
36	Oxidative stress and neurodegenerative diseases: looking for a therapeutic solution inspired on benzopyran chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 432-45.	1.0	7

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37	Exploring Nitrostyrene as a Scaffold for a New Class a of Monoamine Oxidase Inhibitors. Letters in Drug Design and Discovery, 2012, 9, 958-961.	0.4	0