

# Fernanda Borges

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7683948/fernanda-borges-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

326  
papers

10,794  
citations

50  
h-index

90  
g-index

369  
ext. papers

12,125  
ext. citations

4.6  
avg, IF

6.29  
L-index

#	Paper	IF	Citations
326	Unexpected conversion of 4-oxo-4H-chromene-2-carboxylic acid to 2-(1,3-benzothiazol-2-yl)-4H-chromen-4-one and spiro[1,4-benzothiazine-2,2@chromene]-3,4@B@,4H)-dione. <i>Chemistry of Heterocyclic Compounds</i> , 2022, 15, 103641	1.4	0
325	Synthesis and study of the trypanocidal activity of catechol-containing 3-aryl coumarins, inclusion in Cyclodextrin complexes and combination with benznidazole. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103641	5.9	0
324	Screening of Natural Molecules as Adjuvants to Topical Antibiotics to Treat Staphylococcus aureus from Diabetic Foot Ulcer Infections. <i>Antibiotics</i> , 2022, 11, 620	4.9	1
323	Brain Drug Delivery and Neurodegenerative Diseases: Polymeric PLGA-Based Nanoparticles as a Forefront Platform. <i>Ageing Research Reviews</i> , 2022, 101658	12	1
322	Design and synthesis of chromone-based monoamine oxidase B inhibitors with improved drug-like properties. <i>European Journal of Medicinal Chemistry</i> , 2022, 114507	6.8	0
321	Mitochondriotropic antioxidant based on caffeic acid AntiOxClN activates Nrf2-dependent antioxidant defenses and quality control mechanisms to antagonize oxidative stress-induced cell damage.. <i>Free Radical Biology and Medicine</i> , 2021, 179, 119-119	7.8	2
320	Study of a Selected Series of 3- and 4-Arylcoumarins as Antifungal Agents against Dermatophytic Fungi: T. rubrum and T. mentagrophytes. <i>ChemistrySelect</i> , 2021, 6, 9981-9989	1.8	0
319	Computer-aided Design of Coumarins for Neurodegenerative Diseases: Trends of the Last Decade. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2245-2257	3	0
318	Chemical and biological analysis of 4-acyloxy-3-nitrocoumarins as trypanocidal agents. <i>Arabian Journal of Chemistry</i> , 2021, 14, 102975	5.9	2
317	4-Oxoquinolines and monoamine oxidase: When tautomerism matters. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113183	6.8	1
316	Design and characterization of Nanostructured lipid carriers (NLC) and Nanostructured lipid carrier-based hydrogels containing Passiflora edulis seeds oil. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120444	6.5	8
315	Biofilm control by ionic liquids. <i>Drug Discovery Today</i> , 2021, 26, 1340-1346	8.8	5
314	Antioxidant Therapy and Neurodegenerative Disorders: Lessons From Clinical Trials 2021, 97-110		0
313	Bridging the Gap Between Nature and Antioxidant Setbacks: Delivering Gallic Acid to Mitochondria. <i>Methods in Molecular Biology</i> , 2021, 2275, 161-172	1.4	0
312	Mitochondria-targeted phenolic antioxidants induce ROS-protective pathways in primary human skin fibroblasts. <i>Free Radical Biology and Medicine</i> , 2021, 163, 314-324	7.8	5
311	Fine-Tuning the Biological Profile of Multitarget Mitochondriotropic Antioxidants for Neurodegenerative Diseases. <i>Antioxidants</i> , 2021, 10,	7.1	6
310	Joining European Scientific Forces to Face Pandemics. <i>Trends in Microbiology</i> , 2021, 29, 92-97	12.4	3

309	Voltammetric profiling of new psychoactive substances: Piperazine derivatives. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 883, 115054	4.1	4
308	Lipid Nanosystems and Serum Protein as Biomimetic Interfaces: Predicting the Biodistribution of a Caffeic Acid-Based Antioxidant. <i>Nanotechnology, Science and Applications</i> , <b>2021</b> , 14, 7-27	3.9	1
307	Mapping Chromone-3-Phenylcarboxamide Pharmacophore: ?. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 11169-11182	8.3	3
306	Coordination Compounds As Multi-Delivery Systems for Osteoporosis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 35469-35483	9.5	2
305	A mitochondria-targeted caffeic acid derivative reverts cellular and mitochondrial defects in human skin fibroblasts from male sporadic Parkinson disease patients. <i>Redox Biology</i> , <b>2021</b> , 45, 102037	11.3	4
304	Mitochondrial Impairment by MitoBlock-6 Inhibits Liver Cancer Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 725474	5.7	1
303	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , <b>2021</b> , 116, 105301	5.1	3
302	2-(2-Methyl-2-nitrovinyl)furan but Not Furva Interfere with Agr Quorum-Sensing System and Potentiate the Action of Fusidic Acid against Biofilms. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
301	Surface Wiping Test to Study Biocide -Cinnamaldehyde Combination to Improve Efficiency in Surface Disinfection. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
300	Design, Synthesis and Biological Evaluation of New Antioxidant and Neuroprotective Multitarget Directed Ligands Able to Block Calcium Channels. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
299	Looking for new xanthine oxidase inhibitors: 3-Phenylcoumarins versus 2-phenylbenzofurans. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 774-780	7.9	8
298	The potential of phytochemical products in biofilm control <b>2020</b> , 273-293		2
297	Isothiazolinone Biocides: Chemistry, Biological, and Toxicity Profiles. <i>Molecules</i> , <b>2020</b> , 25,	4.8	35
296	Exploring the Multi-Target Performance of Mitochondriotropic Antioxidants against the Pivotal Alzheimer Disease Pathophysiological Hallmarks. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
295	Multifunctionality and cytotoxicity of a layered coordination polymer. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3989-3998	4.3	5
294	The synthesis, crystal structure and Hirshfeld analysis of 4-(3,4-di-methyl-anilino)-(3,4-di-methyl-phen-yl)quinoline-3-carboxamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 201-207	0.7	2
293	Structure-Based Optimization of Coumarin hA Adenosine Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 2577-2587	8.3	9
292	Adenosine Receptor Ligands: Coumarin-Chalcone Hybrids as Modulating Agents on the Activity of ARs. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3

291	Antioxidant therapy, oxidative stress, and blood-brain barrier: The road of dietary antioxidants <b>2020</b> , 125-141		3
290	Liver says no: the ongoing search for safe catechol O-methyltransferase inhibitors to replace tolcapone. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1846-1854	8.8	5
289	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111770	6.8	16
288	CompScore: Boosting Structure-Based Virtual Screening Performance by Incorporating Docking Scoring Function Components into Consensus Scoring. <i>Journal of Chemical Information and Modeling</i> , <b>2019</b> , 59, 3655-3666	6.1	14
287	Pharmacodynamic evaluation of novel Catechol-O-methyltransferase inhibitors. <i>European Journal of Pharmacology</i> , <b>2019</b> , 847, 53-60	5.3	7
286	Repurposing ibuprofen to control <i>Staphylococcus aureus</i> biofilms. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 166, 197-205	6.8	27
285	Development of piperic acid-based monoamine oxidase inhibitors: Synthesis, structural characterization and biological evaluation. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1182, 298-307	3.4	5
284	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 174, 116-129	6.8	19
283	Fine-tuning the neuroprotective and blood-brain barrier permeability profile of multi-target agents designed to prevent progressive mitochondrial dysfunction. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 525-545	6.8	18
282	Repurposing nitrocatechols: 5-Nitro-Ecyanocarboxamide derivatives of caffeic acid and caffeic acid phenethyl ester effectively inhibit aggregation of tau-derived hexapeptide AcPHF6. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 146-152	6.8	15
281	Evaluation of cinnamaldehyde and cinnamic acid derivatives in microbial growth control. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 141, 71-78	4.8	18
280	The chemistry toolbox of multitarget-directed ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 181, 111572	6.8	38
279	Boosting Drug Discovery for Parkinson's: Enhancement of the Delivery of a Monoamine Oxidase-B Inhibitor by Brain-Targeted PEGylated Polycaprolactone-Based Nanoparticles. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	5
278	Ensemble-Based Modeling of Chemical Compounds with Antimalarial Activity. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 957-969	3	6
277	Caffeic Acid Alkyl Amide Derivatives Ameliorate Oxidative Stress and Modulate ERK1/2 and AKT Signaling Pathways in a Rat Model of Diabetic Retinopathy. <i>Chemistry and Biodiversity</i> , <b>2019</b> , 16, e1900405	2.5	10
276	Oxalate induces type II epithelial to mesenchymal transition (EMT) in inner medullary collecting duct cells (IMCD) and stimulate the expression of osteogenic and fibrotic markers in kidney medulla. <i>Oncotarget</i> , <b>2019</b> , 10, 1102-1118	3.3	4
275	Dietary Polyphenols and Mitochondrial Function: Role in Health and Disease. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 3376-3406	4.3	39
274	Searching for new cytotoxic agents based on chromen-4-one and chromane-2,4-dione scaffolds. <i>Research in Pharmaceutical Sciences</i> , <b>2019</b> , 14, 74-83	2.6	7

273	Biocide Potentiation Using Cinnamic Phytochemicals and Derivatives. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
272	Optimizing the Synthetic Route of Chromone-2-carboxylic Acids: A Step forward to Speed-Up the Discovery of Chromone-Based Multitarget-Directed Ligands. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
271	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanylcinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
270	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9646-9654	3.9	6
269	Premenstrual Syndrome, Inflammatory Status, and Mood States in Soccer Players. <i>NeuroImmunoModulation</i> , <b>2019</b> , 26, 1-6	2.5	12
268	Electrochemical sensing of the thyroid hormone thyronamine (TAM) via molecular imprinted polymers (MIPs). <i>Talanta</i> , <b>2019</b> , 194, 689-696	6.2	26
267	Using microfluidic platforms to develop CNS-targeted polymeric nanoparticles for HIV therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 138, 111-124	5.7	45
266	Discovery of a new mitochondria permeability transition pore (mPTP) inhibitor based on gallic acid. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 567-576	5.6	18
265	Development of a PEGylated-Based Platform for Efficient Delivery of Dietary Antioxidants Across the Blood-Brain Barrier. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1677-1689	6.3	22
264	Tight-Binding Inhibition of Human Monoamine Oxidase B by Chromone Analogs: A Kinetic, Crystallographic, and Biological Analysis. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 4203-4212	8.3	42
263	Microencapsulation of caffeic acid phenethyl ester and caffeic acid phenethyl amide by inclusion in hydroxypropyl-β-cyclodextrin. <i>Food Chemistry</i> , <b>2018</b> , 254, 260-265	8.5	22
262	Mitochondria: Targeting mitochondrial reactive oxygen species with mitochondriotropic polyphenolic-based antioxidants. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2018</b> , 97, 98-103	5.6	40
261	Targeting Mitochondria: The Road to Mitochondriotropic Antioxidants and Beyond <b>2018</b> , 333-358		6
260	Coumarins and adenosine receptors: New perceptions in structure-affinity relationships. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 91, 245-256	2.9	5
259	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 126	5	21
258	The Mu.Ta.Lig. Chemotheca: A Community-Populated Molecular Database for Multi-Target Ligands Identification and Compound-Repurposing. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 130	5	6
257	Electrochemical Behavior of a Mitochondria-Targeted Antioxidant at an Interface between Two Immiscible Electrolyte Solutions: An Alternative Approach to Study Lipophilicity. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7989-7996	7.8	5
256	A desirability-based multi objective approach for the virtual screening discovery of broad-spectrum anti-gastric cancer agents. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192176	3.7	11

255	NO and HNO donors, nitrones, and nitroxides: Past, present, and future. <i>Medicinal Research Reviews</i> , <b>2018</b> , 38, 1159-1187	14.4	37
254	Structural elucidation of a series of benzamide derivatives. <i>Magnetic Resonance in Chemistry</i> , <b>2018</b> , 56, 216-223	2.1	
253	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. <i>Toxicology</i> , <b>2018</b> , 393, 123-139	4.4	25
252	FP414 EXOSOMES FROM HIGH GLUCOSE-TREATED MESANGIAL CELLS ACTIVATE INTRACELLULAR RENIN ANGIOTENSIN SYSTEM IN HEALTHY MESANGIAL CELLS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i175-i175	4.3	
251	Modulation of ERK1/2 and Akt Pathways Involved in the Neurotrophic Action of Caffeic Acid Alkyl Esters. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
250	PEGylated PLGA Nanoparticles As a Smart Carrier to Increase the Cellular Uptake of a Coumarin-Based Monoamine Oxidase B Inhibitor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 39557-39563	9.5	33
249	Multi-target-directed ligands for Alzheimer's disease: Discovery of chromone-based monoamine oxidase/cholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 781-800	6.8	40
248	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2723-2733	6.3	7
247	Tailoring Lipid and Polymeric Nanoparticles as siRNA Carriers towards the Blood-Brain Barrier - from Targeting to Safe Administration. <i>Journal of NeuroImmune Pharmacology</i> , <b>2017</b> , 12, 107-119	6.9	30
246	New insights into highly potent tyrosinase inhibitors based on 3-heteroaryl coumarins: Anti-melanogenesis and antioxidant activities, and computational molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 1687-1695	3.4	37
245	Furvina inhibits the 3-oxo-C12-HSL-based quorum sensing system of <i>Pseudomonas aeruginosa</i> and QS-dependent phenotypes. <i>Biofouling</i> , <b>2017</b> , 33, 156-168	3.3	20
244	Systemic QSAR and phenotypic virtual screening: chasing butterflies in drug discovery. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 994-1007	8.8	25
243	Derivatives of caffeic acid, a natural antioxidant, as the basis for the discovery of novel nonpeptidic neurotrophic agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 3235-3246	3.4	20
242	From flamingo dance to (desirable) drug discovery: a nature-inspired approach. <i>Drug Discovery Today</i> , <b>2017</b> , 22, 1489-1502	8.8	17
241	Chromone as a Privileged Scaffold in Drug Discovery: Recent Advances. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7941-7957	8.3	173
240	β-Cyclodextrin carbon nanotube-enhanced sensor for ciprofloxacin detection. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2017</b> , 52, 313-319	2.3	31
239	Consensus strategy in genes prioritization and combined bioinformatics analysis for preeclampsia pathogenesis. <i>BMC Medical Genomics</i> , <b>2017</b> , 10, 50	3.7	14
238	Polymorphism in the structure of -(5-methyl-thiazol-2-yl)-4-oxo-4-chromene-3-carboxamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1154-1161	0.7	

237	Long Chain Alkyl Esters of Hydroxycinnamic Acids as Promising Anticancer Agents: Selective Induction of Apoptosis in Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7228-7239	5.7	18
236	MAO inhibitory activity of bromo-2-phenylbenzofurans: synthesis, study, and docking calculations. <i>MedChemComm</i> , <b>2017</b> , 8, 1788-1796	5	12
235	Synthesis and structure-activity relationship study of novel 3-heteroaryl coumarins based on pyridazine scaffold as selective MAO-B inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 139, 1-11	6.8	32
234	Development of a Mitochondriotropic Antioxidant Based on Caffeic Acid: Proof of Concept on Cellular and Mitochondrial Oxidative Stress Models. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7084-7098	8.3	34
233	Coumarin versus Chromone Monoamine Oxidase B Inhibitors: Quo Vadis?. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7206-7212	8.3	35
232	Development of hydroxybenzoic-based platforms as a solution to deliver dietary antioxidants to mitochondria. <i>Scientific Reports</i> , <b>2017</b> , 7, 6842	4.9	23
231	Structural elucidation of a series of 6-methyl-3-carboxamidocoumarins. <i>Magnetic Resonance in Chemistry</i> , <b>2017</b> , 55, 373-378	2.1	1
230	Structure of 7-hydroxy-3-(2-methoxyphenyl)-2-trifluoromethyl-4-chromen-4-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2017</b> , 73, 1130-1134	0.7	1
229	Photodamage and photoprotection: toward safety and sustainability through nanotechnology solutions <b>2017</b> , 527-565		3
228	Molecular Encapsulation of Herbicide Terbutylazine in Native and Modified Cyclodextrin. <i>Journal of Chemistry</i> , <b>2017</b> , 2017, 1-9	2.3	6
227	Heterocyclic Antioxidants in Nature: Coumarins. <i>Current Organic Chemistry</i> , <b>2017</b> , 21, 311-324	1.7	25
226	Fusing Docking Scoring Functions Improves the Virtual Screening Performance for Discovering Parkinson's Disease Dual Target Ligands. <i>Current Neuropharmacology</i> , <b>2017</b> , 15, 1107-1116	7.6	6
225	Cheminformatics Profiling of the Chromone Nucleus as a MAO-B/A2AAR Dual Binding Scaffold. <i>Current Neuropharmacology</i> , <b>2017</b> , 15, 1117-1135	7.6	3
224	Carbon nanotube cyclodextrin modified electrode as enhanced sensing platform for the determination of fungicide pyrimethanil. <i>Food Control</i> , <b>2016</b> , 60, 7-11	6.2	22
223	Topological sub-structural molecular design (TOPS-MODE): a useful tool to explore key fragments of human A3 adenosine receptor ligands. <i>Molecular Diversity</i> , <b>2016</b> , 20, 55-76	3.1	3
222	Phytochemical profiling as a solution to palliate disinfectant limitations. <i>Biofouling</i> , <b>2016</b> , 32, 1007-16	3.3	21
221	Computational Drug Target Screening through Protein Interaction Profiles. <i>Scientific Reports</i> , <b>2016</b> , 6, 36969	4.9	7
220	Co-cultivation of <i>Synechocystis salina</i> and <i>Pseudokirchneriella subcapitata</i> under varying phosphorus concentrations evidences an allelopathic competition scenario. <i>RSC Advances</i> , <b>2016</b> , 6, 56091-56100	3.7	10

219	Efficient and biologically relevant consensus strategy for Parkinson's disease gene prioritization. <i>BMC Medical Genomics</i> , <b>2016</b> , 9, 12	3.7	15
218	Carbon nanotube $\beta$ -cyclodextrin-modified electrode for quantification of cocaine in seized street samples. <i>Ionics</i> , <b>2016</b> , 22, 2511-2518	2.7	20
217	Discovery of New Chemical Entities for Old Targets: Insights on the Lead Optimization of Chromone-Based Monoamine Oxidase B (MAO-B) Inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 5879-93	8.3	65
216	Synthesis of 6-aryl/heteroaryl-4-oxo-4H-chromene-2-carboxylic ethyl ester derivatives. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 3006-3010	2	5
215	Progress in the development of small molecules as new human A3 adenosine receptor ligands based on the 3-thiophenylcoumarin core. <i>MedChemComm</i> , <b>2016</b> , 7, 845-852	5	2
214	Lessons from black pepper: piperine and derivatives thereof. <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 245-64	6.8	27
213	Crystal structures of three 6-substituted coumarin-3-carboxamide derivatives. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 926-32	0.7	11
212	6-Methyl-2-oxo-N-(quinolin-6-yl)-2H-chromene-3-carboxamide: crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 1121-5	0.7	2
211	Ligand-Based Virtual Screening Using Tailored Ensembles: A Prioritization Tool for Dual A2A Adenosine Receptor Antagonists / Monoamine Oxidase B Inhibitors. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 3082-96	3.3	10
210	Probing the Hypothesis of SAR Continuity Restoration by the Removal of Activity Cliffs Generators in QSAR. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 5043-5056	3.3	5
209	Crystal structures of five 6-mercaptapurine derivatives. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 307-13	0.7	
208	Crystal structures of three 3,4,5-tri-meth-oxy-benzamide-based derivatives. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 675-82	0.7	1
207	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> , <b>2016</b> , 3,	3.9	8
206	New Perspectives on the Use of Phytochemicals as an Emergent Strategy to Control Bacterial Infections Including Biofilms. <i>Molecules</i> , <b>2016</b> , 21,	4.8	120
205	Study on the volatility of halogenated fluorenes. <i>Chemosphere</i> , <b>2016</b> , 157, 25-32	8.4	7
204	Discovery of the first A1 adenosine receptor ligand based on the chromone scaffold. <i>RSC Advances</i> , <b>2016</b> , 6, 46972-46976	3.7	2
203	Exploring coumarin potentialities: development of new enzymatic inhibitors based on the 6-methyl-3-carboxamidocoumarin scaffold. <i>RSC Advances</i> , <b>2016</b> , 6, 49764-49768	3.7	10
202	Crystal structures of ethyl 6-(4-methyl-phen-yl)-4-oxo-4H-chromene-2-carboxyl-ate and ethyl 6-(4-fluoro-phen-yl)-4-oxo-4H-chromene-2-carboxyl-ate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2016</b> , 72, 8-13	0.7	1



201	Evaluation of Antioxidant and Antitrypanosomal Properties of a Selected Series of Synthetic 3-Carboxamidocoumarins. <i>ChemistrySelect</i> , <b>2016</b> , 1, 4957-4964	1.8	3
200	Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 926-937	2.9	10
199	Development of Blood-Brain Barrier Permeable Nitrocatechol-Based Catechol O-Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 7584-97	8.3	21
198	Electrochemical sensor for simultaneous determination of herbicide MCPA and its metabolite 4-chloro-2-methylphenol. Application to photodegradation environmental monitoring. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 4491-9	5.1	14
197	A comparative synthesis of 6-benzyl-2,3-dihydroimidazo[2,1-a]phthalazine and 2H-7-benzyl-3,4-dihydropyrimido[2,1-a]phthalazine. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 828-830	2	10
196	Fine-tuning of the hydrophobicity of caffeic acid: studies on the antimicrobial activity against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>RSC Advances</i> , <b>2015</b> , 5, 53915-53925	3.7	35
195	Hydroxycinnamic acid as a novel scaffold for the development of cyclooxygenase-2 inhibitors. <i>RSC Advances</i> , <b>2015</b> , 5, 58902-58911	3.7	4
194	Plant derived and dietary phenolic antioxidants: anticancer properties. <i>Food Chemistry</i> , <b>2015</b> , 183, 235-58.5		267
193	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. <i>MedChemComm</i> , <b>2015</b> , 6, 1043-1053	5	24
192	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , <b>2015</b> , 5, 15800-15811	3.7	16
191	Design, synthesis and antibacterial study of new potent and selective coumarin-chalcone derivatives for the treatment of tenacibaculosis. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7045-52	3.4	23
190	Design and discovery of tyrosinase inhibitors based on a coumarin scaffold. <i>RSC Advances</i> , <b>2015</b> , 5, 94227-94239	3.7	16
189	New insights in the discovery of novel h-MAO-B inhibitors: structural characterization of a series of N-phenyl-4-oxo-4H-chromene-3-carboxamide derivatives. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, 547-54	0.7	4
188	Navigating in chromone chemical space: discovery of novel and distinct A3 adenosine receptor ligands. <i>RSC Advances</i> , <b>2015</b> , 5, 78572-78585	3.7	10
187	Harmonization of QSAR Best Practices and Molecular Docking Provides an Efficient Virtual Screening Tool for Discovering New G-Quadruplex Ligands. <i>Journal of Chemical Information and Modeling</i> , <b>2015</b> , 55, 2094-110	6.1	14
186	Discovery of two new classes of potent monoamine oxidase-B inhibitors by tricky chemistry. <i>Chemical Communications</i> , <b>2015</b> , 51, 2832-5	5.8	37
185	Microwave-Assisted Synthesis of 5-Phenyl-2-hydroxyacetophenone Derivatives by a Green Suzuki Coupling Reaction. <i>Journal of Chemical Education</i> , <b>2015</b> , 92, 575-578	2.4	20
184	Crystal structures of two 6-(2-hydroxy-benzo-yl)-5H-thia-zolo[3,2-a]pyrimidin-5-ones. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, 766-71	0.7	

183	A comparison of the structures of some 2- and 3-substituted chromone derivatives: a structural study on the importance of the secondary carboxamide backbone for the inhibitory activity of MAO-B. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, 1270-7	0.7	2
182	3-Amidocoumarins as Potential Multifunctional Agents against Neurodegenerative Diseases. <i>ChemMedChem</i> , <b>2015</b> , 10, 2071-9	3.7	14
181	Bioactive Coumarins from Marine Sources: Origin, Structural Features and Pharmacological Properties. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 1755-66	3	18
180	Study of coumarin-resveratrol hybrids as potent antioxidant compounds. <i>Molecules</i> , <b>2015</b> , 20, 3290-308	4.8	24
179	Development of novel adenosine receptor ligands based on the 3-amidocoumarin scaffold. <i>Bioorganic Chemistry</i> , <b>2015</b> , 61, 1-6	5.1	8
178	Synthesis and characterisation of new 4-oxo-N-(substituted-thiazol-2-yl)-4H-chromene-2-carboxamides as potential adenosine receptor ligands. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1089, 206-215	3.4	8
177	Caffeic and Ferulic Acid Derivatives <b>2015</b> , 663-671		2
176	The crystal structures of four N-(4-halophen-yl)-4-oxo-4H-chromene-3-carboxamides. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, 88-93	0.7	7
175	Synthesis and pharmacological activities of non-flavonoid chromones: a patent review (from 2005 to 2015). <i>Expert Opinion on Therapeutic Patents</i> , <b>2015</b> , 25, 1285-304	6.8	8
174	Oxidative Stress and Neurodegenerative Diseases: Looking for a Therapeutic Solution Inspired on Benzopyran Chemistry. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 432-445	3	21
173	Interest of antioxidant agents in parasitic diseases. The case study of coumarins. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 850-6	3	12
172	Bridging the gap between nature and antioxidant setbacks: delivering caffeic acid to mitochondria. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1265, 73-83	1.4	1
171	Mesenchymal Stem Cell Exosomes transfer microRNA and protect injured tubular epithelial cells.. <i>FASEB Journal</i> , <b>2015</b> , 29, 670.8	0.9	1
170	Stem Cells Improved Renovascular Hypertension Independently of the Change of Renal Water and Sodium Transporters. <i>FASEB Journal</i> , <b>2015</b> , 29, 960.17	0.9	
169	Oxidative stress and neurodegenerative diseases: looking for a therapeutic solution inspired on benzopyran chemistry. <i>Current Topics in Medicinal Chemistry</i> , <b>2015</b> , 15, 432-45	3	7
168	Chromone: a valid scaffold in medicinal chemistry. <i>Chemical Reviews</i> , <b>2014</b> , 114, 4960-92	68.1	443
167	Alzheimer® disease, enzyme targets and drug discovery struggles: from natural products to drug prototypes. <i>Ageing Research Reviews</i> , <b>2014</b> , 15, 116-45	12	98
166	New insights into the antioxidant activity of hydroxycinnamic and hydroxybenzoic systems: spectroscopic, electrochemistry, and cellular studies. <i>Free Radical Research</i> , <b>2014</b> , 48, 1473-84	4	15

165	Caffeic acid derivatives, analogs and applications: a patent review (2009-2013). <i>Expert Opinion on Therapeutic Patents</i> , <b>2014</b> , 24, 1257-70	6.8	59
164	Synthesis, pharmacological study and docking calculations of new benzo[f]coumarin derivatives as dual inhibitors of enzymatic systems involved in neurodegenerative diseases. <i>Future Medicinal Chemistry</i> , <b>2014</b> , 6, 371-83	4.1	23
163	Activity cliffs in drug discovery: Dr Jekyll or Mr Hyde?. <i>Drug Discovery Today</i> , <b>2014</b> , 19, 1069-80	8.8	103
162	Topological structural alerts modulations of mammalian cell mutagenicity for halogenated derivatives. <i>SAR and QSAR in Environmental Research</i> , <b>2014</b> , 25, 17-33	3.5	2
161	Influence of Hydroxypropyl- $\beta$ -Cyclodextrin on the Photostability of Fungicide Pyrimethanil. <i>International Journal of Photoenergy</i> , <b>2014</b> , 2014, 1-8	2.1	11
160	Methamphetamine decreases dentate gyrus stem cell self-renewal and shifts the differentiation towards neuronal fate. <i>Stem Cell Research</i> , <b>2014</b> , 13, 329-41	1.6	10
159	Insight into the interactions between novel coumarin derivatives and human A3 adenosine receptors. <i>ChemMedChem</i> , <b>2014</b> , 9, 2245-53	3.7	11
158	Effects of chlorophenoxy herbicides and their main transformation products on DNA damage and acetylcholinesterase activity. <i>BioMed Research International</i> , <b>2014</b> , 2014, 709036	3	8
157	Synthesis, spectroscopic characterization and X-ray structure of novel 7-methoxy-4-oxo-N-phenyl-4H-chromene-2-carboxamides. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1056-1057, 31-37	3.4	6
156	Microencapsulation of herbicide MCPA with native $\beta$ -Cyclodextrin and its methyl and hydroxypropyl derivatives: An experimental and theoretical investigation. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1061, 76-81	3.4	25
155	Nanotechnology and antioxidant therapy: an emerging approach for neurodegenerative diseases. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 4311-27	4.3	15
154	Wine and grape polyphenols – A chemical perspective. <i>Food Research International</i> , <b>2013</b> , 54, 1844-1858	7	183
153	Remarkable antioxidant properties of a series of hydroxy-3-arylcoumarins. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3900-6	3.4	44
152	Classifier ensemble based on feature selection and diversity measures for predicting the affinity of A(2B) adenosine receptor antagonists. <i>Journal of Chemical Information and Modeling</i> , <b>2013</b> , 53, 3140-55	6.1	10
151	Synthesis and adenosine receptors binding affinities of a series of 3-arylcoumarins. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1590-7	4.8	14
150	Combining QSAR classification models for predictive modeling of human monoamine oxidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 59, 75-90	6.8	39
149	Synthesis and NMR studies of novel chromone-2-carboxamide derivatives. <i>Magnetic Resonance in Chemistry</i> , <b>2013</b> , 51, 251-4	2.1	6
148	Alzheimersche Demenz, Cholesterin und Statine: Berührungspunkte wichtiger Stoffwechselwege. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 1146-1158	3.6	2

147	Alzheimer's disease, cholesterol, and statins: the junctions of important metabolic pathways. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1110-21	16.4	46
146	Wine and grape polyphenols – A chemical perspective [Food Research International 44 (2011) 3134-3148]. <i>Food Research International</i> , <b>2013</b> , 54, 1843	7	5
145	Antioxidant therapy: still in search of the magic bullet <i>Mitochondrion</i> , <b>2013</b> , 13, 427-35	4.9	43
144	Targeting adenosine receptors with coumarins: synthesis and binding activities of amide and carbamate derivatives. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 30-4	4.8	12
143	Chalcone-based derivatives as new scaffolds for hA3 adenosine receptor antagonists. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 697-703	4.8	40
142	Exploring nature profits: development of novel and potent lipophilic antioxidants based on galloyl-cinnamic hybrids. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 62, 289-96	6.8	46
141	Synthesis, crystal structure and spectral properties of 6-bromo-N-(cyclohex-1-en-1-ylmethyl)-4-oxo-4H-chromene-2-carboxamide. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1049, 125-131	3.4	1
140	Electrochemical Determination of the Herbicide Bentazone Using a Carbon Nanotube $\beta$ -Cyclodextrin Modified Electrode. <i>Electroanalysis</i> , <b>2013</b> , 25, n/a-n/a	3	7
139	Hydroxycinnamic acid antioxidants: an electrochemical overview. <i>BioMed Research International</i> , <b>2013</b> , 2013, 251754	3	138
138	Photostabilization of Phenoxyacetic Acid Herbicides MCPA and Mecoprop by Hydroxypropyl- $\beta$ -Cyclodextrin. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-8	2.1	9
137	Two polymorphs of N-(2-methoxyphenyl)-4-oxo-4H-chromone-3-carboxamide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 927-33		1
136	4-Oxo-N-phenyl-4H-chromene-2-carboxamide and of a new polymorph of 7-methoxy-4-oxo-N-p-tolyl-4H-chromene-2-carboxamide and its hemihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 1527-33		4
135	Structural characterization of some N-phenyl-4-oxo-4H-2-chromone carboxamides. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2013</b> , 69, 294-309	1.8	7
134	Variable delay-to-signal: a fast paradigm for assessment of aspects of impulsivity in rats. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 154	3.5	16
133	Host-guest interaction between herbicide oxadiargyl and hydroxypropyl- $\beta$ -Cyclodextrin. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 825206	2.2	11
132	Antioxidant properties of hydroxycinnamic acids: a review of structure- activity relationships. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 4436-50	4.3	115
131	Desirability-based multi-criteria virtual screening of selective antimicrobial cyclic hairpin cationic peptidomimetics. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 2148-63	3.3	2
130	Recent advances on QSAR-based profiling of agonist and antagonist A3 adenosine receptor ligands. <i>Current Topics in Medicinal Chemistry</i> , <b>2013</b> , 13, 1048-68	3	4

129	QSAR and Complex Network Recognition of miRNAs in Stem Cells. <i>Current Bioinformatics</i> , <b>2013</b> , 8, 438-451	4.1	2
128	Alzheimer® disease and antioxidant therapy: how long how far?. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 2939-52	4.3	35
127	Discovery of novel A3 adenosine receptor ligands based on chromone scaffold. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 21-9	6	41
126	In vitro evaluation of bisnaphthalimidopropyl derivatives loaded into pegylated nanoparticles against <i>Leishmania infantum</i> protozoa. <i>International Journal of Antimicrobial Agents</i> , <b>2012</b> , 39, 424-30	14.3	18
125	Enhanced host-guest electrochemical recognition of herbicide MCPA using a $\beta$ -cyclodextrin carbon nanotube sensor. <i>Talanta</i> , <b>2012</b> , 99, 288-93	6.2	34
124	In search for new chemical entities as adenosine receptor ligands: development of agents based on benzo- $\beta$ -pyrone skeleton. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 54, 914-8	6.8	24
123	Improved Synthesis of 3-(Aminoaryl)coumarins. <i>Organic Preparations and Procedures International</i> , <b>2012</b> , 44, 522-526	1.1	4
122	Rational discovery and development of a mitochondria-targeted antioxidant based on cinnamic acid scaffold. <i>Free Radical Research</i> , <b>2012</b> , 46, 600-11	4	23
121	Alkyl esters of hydroxycinnamic acids with improved antioxidant activity and lipophilicity protect PC12 cells against oxidative stress. <i>Biochimie</i> , <b>2012</b> , 94, 961-7	4.6	86
120	Studies on the Food Additive Propyl Gallate: Synthesis, Structural Characterization, and Evaluation of the Antioxidant Activity. <i>Journal of Chemical Education</i> , <b>2012</b> , 89, 130-133	2.4	19
119	Host-guest complexes of phenoxy alkyl acid herbicides and cyclodextrins. MCPA and $\beta$ -cyclodextrin. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2012</b> , 47, 869-875	2.2	11
118	Antioxidants and Stroke: Success and Pitfalls <b>2012</b> , 117-143		2
117	Recent advances on A $\beta$ adenosine receptor antagonists by QSAR tools. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 878-94	3	7
116	8-Substituted 3-aryl coumarins as potent and selective MAO-B inhibitors: synthesis, pharmacological evaluation, and docking studies. <i>ChemMedChem</i> , <b>2012</b> , 7, 464-70	3.7	44
115	Discovery of MAO-B inhibitors - present status and future directions part I: oxygen heterocycles and analogs. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2012</b> , 12, 907-19	3.2	30
114	Desirability-based multi-objective QSAR in drug discovery. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2012</b> , 12, 920-35	3.2	11
113	Parkinson® disease management. Part II- discovery of MAO-B inhibitors based on nitrogen heterocycles and analogues. <i>Current Topics in Medicinal Chemistry</i> , <b>2012</b> , 12, 2116-30	3	13
112	Chromone, a privileged scaffold for the development of monoamine oxidase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 5165-73	8.3	124

111	Two new parameters based on distances in a receiver operating characteristic chart for the selection of classification models. <i>Journal of Chemical Information and Modeling</i> , <b>2011</b> , 51, 2746-59	6.1	48
110	Affinity prediction on A3 adenosine receptor antagonists: the chemometric approach. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 6853-9	3.4	10
109	An electrochemical outlook on tamoxifen biotransformation: current and future prospects. <i>Current Drug Metabolism</i> , <b>2011</b> , 12, 372-82	3.5	6
108	Accelerating lead optimization of chromone carboxamide scaffold throughout microwave-assisted organic synthesis. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 6446-6449	2	23
107	Methamphetamine transiently increases the blood-brain barrier permeability in the hippocampus: role of tight junction proteins and matrix metalloproteinase-9. <i>Brain Research</i> , <b>2011</b> , 1411, 28-40	3.7	86
106	Lipophilic caffeic and ferulic acid derivatives presenting cytotoxicity against human breast cancer cells. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 763-74	4	99
105	Hydration Structure of Cocaine and its Metabolites: A Molecular Dynamics Study. <i>Journal of Solution Chemistry</i> , <b>2011</b> , 40, 656-679	1.8	1
104	Synthesis and antioxidant activity of long chain alkyl hydroxycinnamates. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 773-7	6.8	83
103	Towards the discovery of a novel class of monoamine oxidase inhibitors: structure-property-activity and docking studies on chromone amides. <i>ChemMedChem</i> , <b>2011</b> , 6, 628-32	3.7	30
102	Jointly handling potency and toxicity of antimicrobial peptidomimetics by simple rules from desirability theory and chemoinformatics. <i>Journal of Chemical Information and Modeling</i> , <b>2011</b> , 51, 3060-77	6.1	21
101	Chromone 3-phenylcarboxamides as potent and selective MAO-B inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 707-9	2.9	68
100	Synthesis of 3-arylcoumarins via Suzuki-cross-coupling reactions of 3-chlorocoumarin. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1225-1227	2	40
99	Receptores A3 da adenosina: uma nova abordagem terapêutica no câncer. <i>Química Nova</i> , <b>2011</b> , 34, 1417-1424	4.2	2
98	Wine and grape polyphenols: a chemical perspective. <i>Food Research International</i> , <b>2011</b> , 44, 3134-3148	7	27
97	Multidimensional drug design: simultaneous analysis of binding and relative efficacy profiles of N(6)-substituted-4-thioadenosines A3 adenosine receptor agonists. <i>Chemical Biology and Drug Design</i> , <b>2010</b> , 75, 607-18	2.9	8
96	Methamphetamine-induced neuroinflammation and neuronal dysfunction in the mice hippocampus: preventive effect of indomethacin. <i>European Journal of Neuroscience</i> , <b>2010</b> , 31, 315-26	3.5	106
95	The anticancer properties of dietary polyphenols and its relation with apoptosis. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 114-34	3.3	122
94	Powerful protective role of 3,4-dihydroxyphenylethanol-elenolic acid dialdehyde against erythrocyte oxidative-induced hemolysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 135-40	5.7	44

93	Structure-property-activity relationship of phenolic acids and derivatives. Protocatechuic acid alkyl esters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 6986-93	5.7	71
92	Dietary phenolic acids and derivatives. Evaluation of the antioxidant activity of sinapic acid and its alkyl esters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 11273-80	5.7	68
91	Synthesis and vasorelaxant and platelet antiaggregatory activities of a new series of 6-halo-3-phenylcoumarins. <i>Molecules</i> , <b>2010</b> , 15, 270-9	4.8	55
90	Lipophilic phenolic antioxidants: correlation between antioxidant profile, partition coefficients and redox properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2010</b> , 18, 5816-25	3.4	77
89	Synthesis of Carbocyclic Pyrimidine Nucleosides Using the Mitsunobu Reaction: O2- vs. N1-Alkylation. <i>Helvetica Chimica Acta</i> , <b>2010</b> , 93, 309-313	2	8
88	Unified QSAR & network-based computational chemistry approach to antimicrobials. II. Multiple distance and triadic census analysis of antiparasitic drugs complex networks. <i>Journal of Computational Chemistry</i> , <b>2010</b> , 31, 164-73	3.5	22
87	Prioritizing Hits with Appropriate Trade-Offs Between HIV-1 Reverse Transcriptase Inhibitory Efficacy and MT4 Blood Cells Toxicity Through Desirability-Based Multiobjective Optimization and Ranking. <i>Molecular Informatics</i> , <b>2010</b> , 29, 303-21	3.8	12
86	Neurotoxicity of heroin-cocaine combinations in rat cortical neurons. <i>Toxicology</i> , <b>2010</b> , 276, 11-7	4.4	54
85	Electrochemical oxidation of amphetamine-like drugs and application to electroanalysis of ecstasy in human serum. <i>Bioelectrochemistry</i> , <b>2010</b> , 79, 77-83	5.6	58
84	Chromone-2- and -3-carboxylic acids inhibit differently monoamine oxidases A and B. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 2709-12	2.9	41
83	New halogenated 3-phenylcoumarins as potent and selective MAO-B inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 5157-60	2.9	73
82	Effects of olive oil polyphenols on erythrocyte oxidative damage. <i>Molecular Nutrition and Food Research</i> , <b>2009</b> , 53, 609-16	5.9	82
81	Antioxidant phenolic esters with potential anticancer activity: solution equilibria studied by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2009</b> , 40, 80-85	2.3	15
80	Conformational behaviour of biologically active ferulic acid derivatives. <i>Computational and Theoretical Chemistry</i> , <b>2009</b> , 913, 146-156		12
79	Activation of hydrocinnamic acids with pentafluorophenol versus pentafluorothiophenol: Reactivity towards hexylamine. <i>Journal of Fluorine Chemistry</i> , <b>2009</b> , 130, 169-174	2.1	6
78	Multi-target spectral moments for QSAR and Complex Networks study of antibacterial drugs. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 4516-21	6.8	49
77	Theoretical study of cocaine and ecgonine methyl ester in gas phase and in aqueous solution. <i>Chemical Physics Letters</i> , <b>2009</b> , 467, 249-254	2.5	8
76	New insights into the antioxidant activity of hydroxycinnamic acids: Synthesis and physicochemical characterization of novel halogenated derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 2092-9	6.8	62

75	Multi-target spectral moment: QSAR for antifungal drugs vs. different fungi species. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 4051-6	6.8	38
74	Multi-target spectral moment: QSAR for antiviral drugs vs. different viral species. <i>Analytica Chimica Acta</i> , <b>2009</b> , 651, 159-64	6.6	24
73	Fluoxetine and norfluoxetine revisited: new insights into the electrochemical and spectroscopic properties. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 9934-44	2.8	16
72	Desirability-based methods of multiobjective optimization and ranking for global QSAR studies. Filtering safe and potent drug candidates from combinatorial libraries. <i>ACS Combinatorial Science</i> , <b>2008</b> , 10, 897-913		40
71	3D-MEDNEs: an alternative "in silico" technique for chemical research in toxicology. 2. quantitative proteome-toxicity relationships (QPTR) based on mass spectrum spiral entropy. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 619-32	4	35
70	Ligands and therapeutic perspectives of adenosine A(2A) receptors. <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 1698-722	3.3	18
69	Natural/random protein classification models based on star network topological indices. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 254, 775-83	2.3	30
68	Antioxidant phenolic esters with potential anticancer activity: A Raman spectroscopy study. <i>Journal of Raman Spectroscopy</i> , <b>2008</b> , 39, 95-107	2.3	37
67	Computational chemistry approach for the early detection of drug-induced idiosyncratic liver toxicity. <i>Journal of Computational Chemistry</i> , <b>2008</b> , 29, 533-49	3.5	42
66	Desirability-based multiobjective optimization for global QSAR studies: application to the design of novel NSAIDs with improved analgesic, antiinflammatory, and ulcerogenic profiles. <i>Journal of Computational Chemistry</i> , <b>2008</b> , 29, 2445-59	3.5	40
65	Voltammetric and DFT Studies on Viloxazine: Analytical Application to Pharmaceuticals and Biological Fluids. <i>Electroanalysis</i> , <b>2008</b> , 20, 1454-1462	3	9
64	Antioxidant versus cytotoxic properties of hydroxycinnamic acid derivatives - a new paradigm in phenolic research. <i>Archiv Der Pharmazie</i> , <b>2008</b> , 341, 164-73	4.3	39
63	Stochastic molecular descriptors for polymers. 4. Study of complex mixtures with topological indices of mass spectra spiral and star networks: The blood proteome case. <i>Polymer</i> , <b>2008</b> , 49, 5575-5587	3.9	22
62	Quantitative Proteome-Property Relationships (QPPRs). Part 1: finding biomarkers of organic drugs with mean Markov connectivity indices of spiral networks of blood mass spectra. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9684-93	3.4	13
61	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> , <b>2008</b> , 1139, 232-41	6.5	33
60	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> , <b>2008</b> , 1139, 103-11	6.5	97
59	Square-Wave Adsorptive-Stripping Voltammetric Detection in the Quality Control of Fluoxetine. <i>Analytical Letters</i> , <b>2007</b> , 40, 1131-1146	2.2	23
58	Computational chemistry development of a unified free energy Markov model for the distribution of 1300 chemicals to 38 different environmental or biological systems. <i>Journal of Computational Chemistry</i> , <b>2007</b> , 28, 1909-23	3.5	67



57	Computational modeling tools for the design of potent antimalarial bisbenzamidines: overcoming the antimalarial potential of pentamidine. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 5322-39	3.4	15
56	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> , <b>2007</b> , 361, 236-43	3.1	48
55	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> , <b>2007</b> , 596, 231-41	6.6	38
54	Street heroin induces mitochondrial dysfunction and apoptosis in rat cortical neurons. <i>Journal of Neurochemistry</i> , <b>2007</b> , 101, 543-54	6	71
53	Spectroscopic and electrochemical studies of cocaine-opioid interactions. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 1799-808	4.4	33
52	Phenolic esters with potential anticancer activity--the structural variable. <i>Journal of Molecular Modeling</i> , <b>2007</b> , 13, 865-77	2	18
51	Voltammetric insights in the transfer of ionizable drugs across biomimetic membranes: recent achievements. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2007</b> , 10, 514-26	1.3	14
50	Vibrational Spectroscopy Studies on Biologically Relevant Molecules: From Anticancer Agents to Drugs of Abuse. <i>ACS Symposium Series</i> , <b>2007</b> , 338-363	0.4	1
49	Methamphetamine induces alterations on hippocampal NMDA and AMPA receptor subunit levels and impairs spatial working memory. <i>Neuroscience</i> , <b>2007</b> , 150, 433-41	3.9	83
48	Simple stochastic fingerprints towards mathematical modeling in biology and medicine. 3. Ocular irritability classification model. <i>Bulletin of Mathematical Biology</i> , <b>2006</b> , 68, 1555-72	2.1	9
47	Mitochondrial dysfunction and caspase activation in rat cortical neurons treated with cocaine or amphetamine. <i>Brain Research</i> , <b>2006</b> , 1089, 44-54	3.7	104
46	New insights on the anticancer properties of dietary polyphenols. <i>Medicinal Research Reviews</i> , <b>2006</b> , 26, 747-66	14.4	414
45	Cytotoxic and COX-2 Inhibition Properties of Hydroxycinnamic Derivatives. <i>Letters in Drug Design and Discovery</i> , <b>2006</b> , 3, 316-320	0.8	10
44	Synthesis and cytotoxic profile of 3,4-methylenedioxymethamphetamine ("ecstasy") and its metabolites on undifferentiated PC12 cells: A putative structure-toxicity relationship. <i>Chemical Research in Toxicology</i> , <b>2006</b> , 19, 1294-304	4	51
43	Antioxidant profile of dihydroxy- and trihydroxyphenolic acids--a structure-activity relationship study. <i>Free Radical Research</i> , <b>2006</b> , 40, 433-42	4	111
42	2,2,4,4-Tetra-tert-butyl-1,3,5,2,4-benzotrioxadisilepine-7-carbaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2006</b> , 62, o95-7		0
41	Single or multiple injections of methamphetamine increased dopamine turnover but did not decrease tyrosine hydroxylase levels or cleave caspase-3 in caudate-putamen. <i>Synapse</i> , <b>2006</b> , 60, 185-93 <sup>2-4</sup>		33
40	Beta-nitrostyrene derivatives as potential antibacterial agents: a structure-property-activity relationship study. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4078-88	3.4	65

39	Conformational analysis of the potential anticancer agent ethyl trihydroxycinnamate—a combined raman spectroscopy and ab initio study. <i>Journal of Molecular Structure</i> , <b>2006</b> , 783, 122-135	3.4	16
38	Potentiometric studies on the complexation of copper(II) by phenolic acids as discrete ligand models of humic substances. <i>Talanta</i> , <b>2005</b> , 66, 670-3	6.2	38
37	Simple coumarins and analogues in medicinal chemistry: occurrence, synthesis and biological activity. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 887-916	4.3	683
36	Structure-property studies on the antioxidant activity of flavonoids present in diet. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 39, 1099-108	7.8	125
35	Furocoumarins in medicinal chemistry. Synthesis, natural occurrence and biological activity. <i>Current Medicinal Chemistry</i> , <b>2004</b> , 11, 3239-61	4.3	166
34	Electrochemical Analysis of Opiates—An Overview. <i>Analytical Letters</i> , <b>2004</b> , 37, 831-844	2.2	21
33	Hepatotoxicity of 3,4-methylenedioxyamphetamine and alpha-methyldopamine in isolated rat hepatocytes: formation of glutathione conjugates. <i>Archives of Toxicology</i> , <b>2004</b> , 78, 16-24	5.8	70
32	Voltammetric Oxidation of Drugs of Abuse I. Morphine and Metabolites. <i>Electroanalysis</i> , <b>2004</b> , 16, 1419-1426	3.4	45
31	Voltammetric Oxidation of Drugs of Abuse II. Codeine and Metabolites. <i>Electroanalysis</i> , <b>2004</b> , 16, 1427-1433	3.4	35
30	Voltammetric Oxidation of Drugs of Abuse III. Heroin and Metabolites. <i>Electroanalysis</i> , <b>2004</b> , 16, 1497-1502	3.4	33
29	Nitrostyrene derivatives—a conformational study by combined Raman spectroscopy and ab initio MO calculations. <i>Journal of Molecular Structure</i> , <b>2004</b> , 692, 91-106	3.4	12
28	Phenolic acid derivatives with potential anticancer properties—a structure-activity relationship study. Part 1: methyl, propyl and octyl esters of caffeic and gallic acids. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 3581-9	3.4	251
27	The toxicity of N-methyl-alpha-methyldopamine to freshly isolated rat hepatocytes is prevented by ascorbic acid and N-acetylcysteine. <i>Toxicology</i> , <b>2004</b> , 200, 193-203	4.4	72
26	Conformational analysis of a trihydroxylated derivative of cinnamic acid—a combined Raman spectroscopy and Ab initio study. <i>Journal of Molecular Structure</i> , <b>2004</b> , 693, 103-118	3.4	32
25	Identification of synthetic precursors of amphetamine-like drugs using Raman spectroscopy and ab initio calculations: beta-Methyl-beta-nitrostyrene derivatives. <i>Analyst, The</i> , <b>2004</b> , 129, 1106-17	5	16
24	Metabolism is required for the expression of ecstasy-induced cardiotoxicity in vitro. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 623-32	4	66
23	Electrochemical Determination of Dihydrocodeine in Pharmaceuticals. <i>Analytical Letters</i> , <b>2003</b> , 36, 577-590	3.4	4
22	Application of a Potentiometric System with Data-Analysis Computer Programs to the Quantification of Metal-Chelating Activity of Two Natural Antioxidants: Caffeic Acid and Ferulic Acid. <i>Helvetica Chimica Acta</i> , <b>2003</b> , 86, 3081-3087	2	32

21	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , <b>2003</b> , 17, 6-13	1.7	21
20	Development of electrochemical methods for determination of tramadol--analytical application to pharmaceutical dosage forms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 32, 975-81	3.5	51
19	Flow Injection Electrochemical Determination of Apomorphine. <i>Analytical Letters</i> , <b>2003</b> , 36, 2199-2210	2.2	5
18	Anticancer activity of phenolic acids of natural or synthetic origin: a structure-activity study. <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 5395-401	8.3	217
17	Electrochemical and spectroscopic studies of the oxidation mechanism of the herbicide propanil. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 876-9	5.7	11
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> , <b>2002</b> , 76, 581-8	5.8	66
15	Oxidative behaviour of apomorphine and its metabolites. <i>Bioelectrochemistry</i> , <b>2002</b> , 55, 113-4	5.6	12
14	ELECTROANALYTICAL DETERMINATION OF CODEINE IN PHARMACEUTICAL PREPARATIONS. <i>Analytical Letters</i> , <b>2002</b> , 35, 2487-2498	2.2	16
13	Progress towards the discovery of xanthine oxidase inhibitors. <i>Current Medicinal Chemistry</i> , <b>2002</b> , 9, 195-217	4.3	264
12	New insights into the oxidation pathways of apomorphine. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 1713-1717		17
11	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , <b>2001</b> , 15, 2466-71	2.2	11
10	Electroanalytical Determination of Oxadiazon and Characterization of Its Base-Catalyzed Ring-Opening Products. <i>Electroanalysis</i> , <b>2001</b> , 13, 199-203	3	10
9	Electrochemical oxidation of propanil and related N-substituted amides. <i>Analytica Chimica Acta</i> , <b>2001</b> , 434, 35-41	6.6	21
8	Effects of phenolic propyl esters on the oxidative stability of refined sunflower oil. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 3936-41	5.7	63
7	Phenolic acids and derivatives: studies on the relationship among structure, radical scavenging activity, and physicochemical parameters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 2122-6	5.7	290
6	Separation of the Diastereoisomers of Ethyl Esters of Caffeic, Ferulic, and Isoferulic Acids by Thin-Layer and High Performance Liquid Chromatography <b>1994</b> , 17, 1125-1139		6
5	Simultaneous Isocratic HPLC Separation of the Diastereoisomers of Caffeic, Ferulic, and Isoferulic Acids and Related Coumarins. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1993</b> , 16, 149-160		4
4	Substituted xanthenes as selective and reversible monoamine oxidase A (MAO-A) inhibitors. <i>Pharmaceutical Research</i> , <b>1993</b> , 10, 1187-90	4.5	26

3	Synthesis of Coumarins and Derivatives. Part 1. Biomimetic synthesis of esculetin and halogenated derivatives. <i>Helvetica Chimica Acta</i> , <b>1992</b> , 75, 1061-1068	2	7
2	Isocratic HPLC Separation of Scopoletin and Cis/Trans Isomers of Ferulic Acid as Well as Isoscopoletin and Cis/Trans Isomers of Isoferulic Acid. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1991</b> , 14, 2307-2316		3
1	NMR studies on the antiradical mechanism of phenolic compounds towards 2,2-diphenyl-1-picrylhydrazyl radical. <i>Special Publication - Royal Society of Chemistry</i> , 110-116	0.1	4