

Madalena Pinto

List of Publications by Year in Descending Order

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

250
papers

6,208
citations

39
h-index

60
g-index

265
ext. papers

7,165
ext. citations

4.4
avg, IF

6.04
L-index

#	Paper	IF	Citations
250	Indole-Containing Pyrazino[2,1-]quinazoline-3,6-diones Active against and Trypanosomatids.. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 225-235	4.3	0
249	Bioactive Marine Xanthonones: A Review.. <i>Marine Drugs</i> , 2022 , 20,	6	5
248	New diarylpentanoids and chalcones as potential antimicrobial adjuvants.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 67, 128743	2.9	1
247	BDDE-Inspired Chalcone Derivatives to Fight Bacterial and Fungal Infections. <i>Marine Drugs</i> , 2022 , 20, 315	6	0
246	Gallic acid derivatives as inhibitors of mussel (<i>Mytilus galloprovincialis</i>) larval settlement: Lead optimization, biological evaluation and use in antifouling coatings. <i>Bioorganic Chemistry</i> , 2022 , 126, 105971	5.1	0
245	Multidimensional characterization of a new antifouling xanthone: Structure-activity relationship, environmental compatibility, and immobilization in marine coatings. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 228, 112970	7	1
244	BP-M345, a New Diarylpentanoid with Promising Antimitotic Activity. <i>Molecules</i> , 2021 , 26,	4.8	1
243	Natural Benzo/Acetophenones as Leads for New Synthetic Acetophenone Hybrids Containing a 1,2,3-Triazole Ring as Potential Antifouling Agents.. <i>Marine Drugs</i> , 2021 , 19,	6	1
242	From Natural Xanthonones to Synthetic C-1 Aminated 3,4-Dioxygenated Xanthonones as Optimized Antifouling Agents. <i>Marine Drugs</i> , 2021 , 19,	6	1
241	Semi-Synthesis of Small Molecules of Aminocarbazoles: Tumor Growth Inhibition and Potential Impact on p53. <i>Molecules</i> , 2021 , 26,	4.8	2
240	Small Molecules of Marine Origin as Potential Anti-Glioma Agents. <i>Molecules</i> , 2021 , 26,	4.8	1
239	One-Pot Synthesis of Xanthone by Carbonylative Suzuki Coupling Reaction. <i>ChemistrySelect</i> , 2021 , 6, 4511-4514	1.8	1
238	Tetracyclic Thioxanthene Derivatives: Studies on Fluorescence and Antitumor Activity. <i>Molecules</i> , 2021 , 26,	4.8	1
237	Xanthonones Active against Multidrug Resistance and Virulence Mechanisms of Bacteria. <i>Antibiotics</i> , 2021 , 10,	4.9	8
236	A New Chalcone Derivative with Promising Antiproliferative and Anti-Invasion Activities in Glioblastoma Cells. <i>Molecules</i> , 2021 , 26,	4.8	1
235	Antimicrobial Activity of a Library of Thioxanthonones and Their Potential as Efflux Pump Inhibitors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
234	Chalcones as Promising Antitumor Agents by Targeting the p53 Pathway: An Overview and New Insights in Drug-Likeness. <i>Molecules</i> , 2021 , 26,	4.8	4

233	Microsequential injection analysis/lab-on-valve system for the automatic evaluation of acetylcholinesterase inhibitors. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2100150	4.3	
232	Development of lipid nanoparticles containing the xanthone LEM2 for topical treatment of melanoma. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102226	4.5	5
231	Xanthenes in Medicinal Chemistry - Synthetic strategies and biological activities. <i>European Journal of Medicinal Chemistry</i> , 2021 , 210, 113085	6.8	17
230	Tryptophan derived natural marine alkaloids and synthetic derivatives as promising antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112945	6.8	5
229	A Diarylpentanoid with Potential Activation of the p53 Pathway: Combination of in silico Screening Studies, Synthesis, and Biological Activity Evaluation. <i>ChemMedChem</i> , 2021 , 16, 2969-2981	3.7	2
228	Determination of the Absolute Configuration of Bioactive Indole-Containing Pyrazino[2,1-]quinazoline-3,6-diones and Study of Their Metabolic Profile. <i>Molecules</i> , 2021 , 26,	4.8	1
227	Metabolites from Marine-Derived Fungi as Potential Antimicrobial Adjuvants. <i>Marine Drugs</i> , 2021 , 19,	6	4
226	Strategies for Preparation of Chiral Stationary Phases: Progress on Coating and Immobilization Methods. <i>Molecules</i> , 2021 , 26,	4.8	2
225	From Natural Products to New Synthetic Small Molecules: A Journey through the World of Xanthenes. <i>Molecules</i> , 2021 , 26,	4.8	23
224	Chiral derivatives of xanthenes and benzophenones: Synthesis, enantioseparation, molecular docking, and tumor cell growth inhibition studies. <i>Chirality</i> , 2021 , 33, 153-166	2.1	2
223	Chiral Flavonoids as Antitumor Agents.. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
222	Recent Advances in Bioactive Flavonoid Hybrids Linked by 1,2,3-Triazole Ring Obtained by Click Chemistry.. <i>Molecules</i> , 2021 , 27,	4.8	5
221	Targeting antimicrobial drug resistance with marine natural products. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106005	14.3	27
220	Synthesis of a Small Library of Nature-Inspired Xanthenes and Study of Their Antimicrobial Activity. <i>Molecules</i> , 2020 , 25,	4.8	12
219	Marine-Derived Compounds with Potential Use as Cosmeceuticals and Nutricosmetics. <i>Molecules</i> , 2020 , 25,	4.8	26
218	Efficacy, Stability, and Safety Evaluation of New Polyphenolic Xanthenes Towards Identification of Bioactive Compounds to Fight Skin Photoaging. <i>Molecules</i> , 2020 , 25,	4.8	5
217	Yicathins B and C and Analogues: Total Synthesis, Lipophilicity and Biological Activities. <i>ChemMedChem</i> , 2020 , 15, 749-755	3.7	8
216	Preliminary Virtual Screening Studies to Identify GRP78 Inhibitors Which May Interfere with SARS-CoV-2 Infection. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	39

215	Diarylpentanoids with antitumor activity: A critical review of structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2020 , 192, 112177	6.8	9
214	Chiral Separations in Preparative Scale: A Medicinal Chemistry Point of View. <i>Molecules</i> , 2020 , 25,	4.8	27
213	Flavonoid Glycosides with a Triazole Moiety for Marine Antifouling Applications: Synthesis and Biological Activity Evaluation. <i>Marine Drugs</i> , 2020 , 19,	6	4
212	New chiral stationary phases for liquid chromatography based on small molecules: Development, enantioresolution evaluation and chiral recognition mechanisms. <i>Chirality</i> , 2020 , 32, 81-97	2.1	5
211	One Step Forward towards the Development of Eco-Friendly Antifouling Coatings: Immobilization of a Sulfated Marine-Inspired Compound. <i>Marine Drugs</i> , 2020 , 18,	6	4
210	Recent advances in the synthesis of xanthenes and azaxanthenes. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3027-3066	5.2	22
209	Boronic Acids and Their Derivatives in Medicinal Chemistry: Synthesis and Biological Applications. <i>Molecules</i> , 2020 , 25,	4.8	25
208	Structure-Antifouling Activity Relationship and Molecular Targets of Bio-Inspired(thio)xanthenes. <i>Biomolecules</i> , 2020 , 10,	5.9	9
207	Marine Natural Products, Multitarget Therapy and Repurposed Agents in Alzheimer's Disease. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	13
206	Synthesis of New Chiral Derivatives of Xanthenes with Enantioselective Effect on Tumor Cell Growth and DNA Crosslinking. <i>ChemistrySelect</i> , 2020 , 5, 10285-10291	1.8	4
205	New marine-derived indolymethyl pyrazinoquinazoline alkaloids with promising antimicrobial profiles.. <i>RSC Advances</i> , 2020 , 10, 31187-31204	3.7	2
204	In silico and in vitro antioxidant and cytotoxicity evaluation of oxygenated xanthone derivatives. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 17-26	5.9	21
203	Overcoming environmental problems of biocides: Synthetic bile acid derivatives as a sustainable alternative. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 187, 109812	7	12
202	Norhierridin B, a New Hierridin B-Based Hydroquinone with Improved Antiproliferative Activity. <i>Molecules</i> , 2020 , 25,	4.8	1
201	Erubescensoic Acid, a New Polyketide and a Xanthonopyrone SPF-3059-26 from the Culture of the Marine Sponge-Associated Fungus KUFA 0220 and Antibacterial Activity Evaluation of Some of Its Constituents. <i>Molecules</i> , 2019 , 24,	4.8	10
200	Enantioseparation, recognition mechanisms and binding of xanthenes on human serum albumin by liquid chromatography. <i>Bioanalysis</i> , 2019 , 11, 1255-1274	2.1	6
199	Chalcone derivatives targeting mitosis: synthesis, evaluation of antitumor activity and lipophilicity. <i>European Journal of Medicinal Chemistry</i> , 2019 , 184, 111752	6.8	16
198	New inhibitor of the TAp73 interaction with MDM2 and mutant p53 with promising antitumor activity against neuroblastoma. <i>Cancer Letters</i> , 2019 , 446, 90-102	9.9	24

197	Chiral Derivatives of Xanthenes with Antimicrobial Activity. <i>Molecules</i> , 2019 , 24,	4.8	21
196	Isolation and Potential Biological Applications of Haloaryl Secondary Metabolites from Macroalgae. <i>Marine Drugs</i> , 2019 , 17,	6	25
195	Discovery of a New Xanthone against Glioma: Synthesis and Development of (Pro)liposome Formulations. <i>Molecules</i> , 2019 , 24,	4.8	9
194	1,2-Dihydroxyxanthone: Effect on A375-C5 Melanoma Cell Growth Associated with Interference with THP-1 Human Macrophage Activity. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	7
193	Synthesis, Biological Evaluation, and In Silico Studies of Novel Aminated Xanthenes as Potential p53-Activating Agents. <i>Molecules</i> , 2019 , 24,	4.8	16
192	Antithrombotics from the Sea: Polysaccharides and Beyond. <i>Marine Drugs</i> , 2019 , 17,	6	25
191	Chiral Stationary Phases for Liquid Chromatography: Recent Developments. <i>Molecules</i> , 2019 , 24,	4.8	65
190	Synthetic Chiral Derivatives of Xanthenes: Biological Activities and Enantioselectivity Studies. <i>Molecules</i> , 2019 , 24,	4.8	19
189	Synthesis of New Proteomimetic Quinazolinone Alkaloids and Evaluation of Their Neuroprotective and Antitumor Effects. <i>Molecules</i> , 2019 , 24,	4.8	10
188	Chemistry of the fumiquinazolines and structurally related alkaloids. <i>Natural Product Reports</i> , 2019 , 36, 7-34	15.1	31
187	Marine natural flavonoids: chemistry and biological activities. <i>Natural Product Research</i> , 2019 , 33, 3260-3272		18
186	A New Meroterpene, A New Benzofuran Derivative and Other Constituents from Cultures of the Marine Sponge-Associated Fungus KUFA 1007 and Their Anticholinesterase Activities. <i>Marine Drugs</i> , 2019 , 17,	6	8
185	Development and characterization of PLGA nanoparticles containing 1,3-dihydroxy-2-methylxanthone with improved antitumor activity on a human breast cancer cell line. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1104-1114	3.4	9
184	Strategies to Discover p53 Activators and a p73 Activator for Neuroblastoma. <i>Proceedings (mdpi)</i> , 2019 , 22, 56	0.3	
183	Structures, Activities and Drug-Likeness of Anti-Infective Xanthone Derivatives Isolated from the Marine Environment: A Review. <i>Molecules</i> , 2019 , 24,	4.8	31
182	Carboxyxanthenes: Bioactive Agents and Molecular Scaffold for Synthesis of Analogues and Derivatives. <i>Molecules</i> , 2019 , 24,	4.8	13
181	Design and synthesis of new inhibitors of p53-MDM2 interaction with a chalcone scaffold. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 4150-4161	5.9	16
180	SULFATION PATHWAYS: Potential benefits of a sulfated resveratrol derivative for topical application. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, M27-M39	4.5	5

179	Assessing lipophilicity of drugs with biomimetic models: A comparative study using liposomes and micelles. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 115, 369-380	5.1	18
178	SULFATION PATHWAYS: Sources and biological activities of marine sulfated steroids. <i>Journal of Molecular Endocrinology</i> , 2018 , 61, T211-T231	4.5	18
177	Lipid reducing activity and toxicity profiles of a library of polyphenol derivatives. <i>European Journal of Medicinal Chemistry</i> , 2018 , 151, 272-284	6.8	23
176	Chiral Stationary Phases Based on Small Molecules: An Update of the Last 17 Years. <i>Separation and Purification Reviews</i> , 2018 , 47, 89-123	7.3	34
175	Marine Natural Peptides: Determination of Absolute Configuration Using Liquid Chromatography Methods and Evaluation of Bioactivities. <i>Molecules</i> , 2018 , 23,	4.8	14
174	Chiral Thioxanthenes as Modulators of P-glycoprotein: Synthesis and Enantioselectivity Studies. <i>Molecules</i> , 2018 , 23,	4.8	11
173	Synthesis of New Glycosylated Flavonoids with Inhibitory Activity on Cell Growth. <i>Molecules</i> , 2018 , 23,	4.8	9
172	Old Drugs as New Treatments for Neurodegenerative Diseases. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	123
171	Enantiomeric ratios: Why so many notations?. <i>Journal of Chromatography A</i> , 2018 , 1569, 1-7	4.5	14
170	Targeting the MDM2-p53 protein-protein interaction with prenylchalcones: Synthesis of a small library and evaluation of potential antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 711-721	6.8	18
169	Chromone Derivatives and Other Constituents from Cultures of the Marine Sponge-Associated Fungus KUFA0220 and Their Antibacterial Activity. <i>Marine Drugs</i> , 2018 , 16,	6	14
168	Medicinal Chemistry Updates on Bacterial Efflux Pump Modulators. <i>Current Medicinal Chemistry</i> , 2018 , 25, 6030-6069	4.3	13
167	New Alkoxy Flavone Derivatives Targeting Caspases: Synthesis and Antitumor Activity Evaluation. <i>Molecules</i> , 2018 , 24,	4.8	9
166	Lipophilicity assesment in drug discovery: Experimental and theoretical methods applied to xanthone derivatives. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1072, 182-192	3.2	18
165	The Antitumor Activity of a Lead Thioxanthone is Associated with Alterations in Cholesterol Localization. <i>Molecules</i> , 2018 , 23,	4.8	10
164	Antitumor Activity of Quinazolinone Alkaloids Inspired by Marine Natural Products. <i>Marine Drugs</i> , 2018 , 16,	6	13
163	Lichen Xanthenes as Models for New Antifungal Agents. <i>Molecules</i> , 2018 , 23,	4.8	17
162	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1100-1101, 158-164	3.2	18

161	Enantiomeric Resolution and Docking Studies of Chiral Xanthonic Derivatives on Chirobiotic Columns. <i>Molecules</i> , 2018 , 23,	4.8	24
160	Bis-Indolyl Benzenoids, Hydroxypyrrolidine Derivatives and Other Constituents from Cultures of the Marine Sponge-Associated Fungus <i>Aspergillus candidus</i> KUFA0062. <i>Marine Drugs</i> , 2018 , 16,	6	36
159	Antifouling potential of Nature-inspired sulfated compounds. <i>Scientific Reports</i> , 2017 , 7, 42424	4.9	36
158	The importance of drug metabolites synthesis: the case-study of cardiotoxic anticancer drugs. <i>Drug Metabolism Reviews</i> , 2017 , 49, 158-196	7	17
157	Resolution, determination of enantiomeric purity and chiral recognition mechanism of new xanthone derivatives on (S,S)-whelk-O1 stationary phase. <i>Chirality</i> , 2017 , 29, 247-256	2.1	13
156	New chiral stationary phases based on xanthone derivatives for liquid chromatography. <i>Chirality</i> , 2017 , 29, 430-442	2.1	11
155	Anticancer and cancer preventive compounds from edible marine organisms. <i>Seminars in Cancer Biology</i> , 2017 , 46, 55-64	12.7	40
154	Xanthone and Flavone Derivatives as Dual Agents with Acetylcholinesterase Inhibition and Antioxidant Activity as Potential Anti-Alzheimer Agents. <i>Journal of Chemistry</i> , 2017 , 2017, 1-16	2.3	25
153	Chiral Derivatives of Xanthones: Investigation of the Effect of Enantioselectivity on Inhibition of Cyclooxygenases (COX-1 and COX-2) and Binding Interaction with Human Serum Albumin. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	14
152	Dual/multitargeted xanthone derivatives for Alzheimer's disease: where do we stand?. <i>Future Medicinal Chemistry</i> , 2017 , 9, 1611-1630	4.1	21
151	An antifouling model from the sea: a review of 25 years of zosteric acid studies. <i>Biofouling</i> , 2017 , 33, 927-942	3.3	14
150	A novel curcumin derivative which inhibits P-glycoprotein, arrests cell cycle and induces apoptosis in multidrug resistance cells. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 581-596	3.4	34
149	Quantification of 1-(propan-2-ylamino)-4-propoxy-9H-thioxanthen-9-one (TX5), a newly synthesized P-glycoprotein inducer/activator, in biological samples: method development and validation. <i>Biomedical Chromatography</i> , 2017 , 31, e3802	1.7	1
148	A New Ergosterol Analog, a New Bis-Anthraquinone and Anti-Obesity Activity of Anthraquinones from the Marine Sponge-Associated Fungus <i>Talaromyces stipitatus</i> KUFA 0207. <i>Marine Drugs</i> , 2017 , 15,	6	27
147	A New Dihydrochromone Dimer and Other Secondary Metabolites from Cultures of the Marine Sponge-Associated Fungi <i>Neosartorya fennelliae</i> KUFA 0811 and <i>Neosartorya tsunodae</i> KUFC 9213. <i>Marine Drugs</i> , 2017 , 15,	6	23
146	Chiral Stationary Phases for Liquid Chromatography Based on Chitin- and Chitosan-Derived Marine Polysaccharides. <i>Symmetry</i> , 2017 , 9, 190	2.7	22
145	Chiral Separation in Preparative Scale: A Brief Overview of Membranes as Tools for Enantiomeric Separation. <i>Symmetry</i> , 2017 , 9, 206	2.7	35
144	Antibacterial and antibiofilm activities of the metabolites isolated from the culture of the mangrove-derived endophytic fungus <i>Eurotium chevalieri</i> KUFA 0006. <i>Phytochemistry</i> , 2017 , 141, 86-97	4	48

143	Structure-activity relationship studies for multitarget antithrombotic drugs. <i>Future Medicinal Chemistry</i> , 2016 , 8, 2305-2355	4.1	6
142	Chiral enantioresolution of cathinone derivatives present in "legal highs", and enantioselectivity evaluation on cytotoxicity of 3,4-methylenedioxypropylvalerone (MDPV). <i>Forensic Toxicology</i> , 2016 , 34, 372-385	2.6	33
141	Drug-like Properties and ADME of Xanthone Derivatives: The Antechamber of Clinical Trials. <i>Current Medicinal Chemistry</i> , 2016 , 23, 3654-3686	4.3	24
140	Modulation of Autophagy by a Thioxanthone Decreases the Viability of Melanoma Cells. <i>Molecules</i> , 2016 , 21,	4.8	23
139	New Polyketides and New Benzoic Acid Derivatives from the Marine Sponge-Associated Fungus <i>Neosartorya quadricincta</i> KUFA 0081. <i>Marine Drugs</i> , 2016 , 14,	6	15
138	New Cyclotetrapeptides and a New Diketopiperazine Derivative from the Marine Sponge-Associated Fungus <i>Neosartorya glabra</i> KUFA 0702. <i>Marine Drugs</i> , 2016 , 14,	6	25
137	Screening a Small Library of Xanthenes for Antitumor Activity and Identification of a Hit Compound which Induces Apoptosis. <i>Molecules</i> , 2016 , 21, 81	4.8	20
136	Marine Natural Products as Models to Circumvent Multidrug Resistance. <i>Molecules</i> , 2016 , 21,	4.8	26
135	Prenylated Chalcone 2 Acts as an Antimitotic Agent and Enhances the Chemosensitivity of Tumor Cells to Paclitaxel. <i>Molecules</i> , 2016 , 21,	4.8	7
134	Strategies to Overcome Heparins Low Oral Bioavailability. <i>Pharmaceuticals</i> , 2016 , 9,	5.2	17
133	Medicinal Chemistry Strategies to Disrupt the p53-MDM2/MDMX Interaction. <i>Medicinal Research Reviews</i> , 2016 , 36, 789-844	14.4	58
132	Chiral Pharmaceuticals 2016 , 1-28		3
131	Transcription profiling of the <i>Neurospora crassa</i> response to a group of synthetic (thio)xanthenes and a natural acetophenone. <i>Genomics Data</i> , 2015 , 4, 26-32		6
130	Synergistic Effects Between Thioxanthenes and Oxacillin Against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Microbial Drug Resistance</i> , 2015 , 21, 404-15	2.9	19
129	Parkinson disease mutant E46K enhances β -synuclein phosphorylation in mammalian cell lines, in yeast, and in vivo. <i>Journal of Biological Chemistry</i> , 2015 , 290, 9412-27	5.4	41
128	Enhanced cytotoxicity of prenylated chalcone against tumour cells via disruption of the p53-MDM2 interaction. <i>Life Sciences</i> , 2015 , 142, 60-5	6.8	25
127	Molecular clefts of Rebek revisited: potential application as drug carriers for the antiviral acyclovir. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 83, 203-208	1.7	2
126	P-glycoprotein induction in Caco-2 cells by newly synthesized thioxanthenes prevents paraquat cytotoxicity. <i>Archives of Toxicology</i> , 2015 , 89, 1783-800	5.8	28

125	A new cyclic hexapeptide and a new isocoumarin derivative from the marine sponge-associated fungus <i>Aspergillus similanensis</i> KUFA 0013. <i>Marine Drugs</i> , 2015 , 13, 1432-50	6	50
124	A New Meroditerpene and a New Tryptoquivaline Analog from the Algicolous Fungus <i>Neosartorya takakii</i> KUFC 7898. <i>Marine Drugs</i> , 2015 , 13, 3776-90	6	26
123	Induction and activation of P-glycoprotein by dihydroxylated xanthenes protect against the cytotoxicity of the P-glycoprotein substrate paraquat. <i>Archives of Toxicology</i> , 2014 , 88, 937-51	5.8	32
122	Potential small-molecule activators of caspase-7 identified using yeast-based caspase-3 and -7 screening assays. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 54, 8-16	5.1	7
121	Evaluation of 2-O-dihydroxy-3,4,5-trimethoxychalcone as antimitotic agent that induces mitotic catastrophe in MCF-7 breast cancer cells. <i>Toxicology Letters</i> , 2014 , 229, 393-401	4.4	16
120	Effect of sprouting and light cycle on antioxidant activity of <i>Brassica oleracea</i> varieties. <i>Food Chemistry</i> , 2014 , 165, 379-87	8.5	40
119	New isocoumarin derivatives and meroterpenoids from the marine sponge-associated fungus <i>Aspergillus similanensis</i> sp. nov. KUFA 0013. <i>Marine Drugs</i> , 2014 , 12, 5160-73	6	53
118	Enantioresolution of Chiral Derivatives of Xanthenes on Different Types of Liquid Chromatography Stationary Phases: A Comparative Study. <i>Current Chromatography</i> , 2014 , 1, 139-150	0.4	3
117	Xanthenes from Marine-Derived Microorganisms: Isolation, Structure Elucidation and Biological Activities 2014 , 1-21		7
116	New chiral derivatives of xanthenes: synthesis and investigation of enantioselectivity as inhibitors of growth of human tumor cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1049-62	3.4	34
115	Emerging sulfated flavonoids and other polyphenols as drugs: nature as an inspiration. <i>Medicinal Research Reviews</i> , 2014 , 34, 223-79	14.4	56
114	Bioactive xanthenes with effect on P-glycoprotein and prediction of intestinal absorption. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2115-2123	2.2	15
113	Small Molecules as Chromatographic Tools for HPLC Enantiomeric Resolution: Pirkle-Type Chiral Stationary Phases Evolution. <i>Chromatographia</i> , 2013 , 76, 871-897	2.1	39
112	Development of noncytotoxic PLGA nanoparticles to improve the effect of a new inhibitor of p53-MDM2 interaction. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 394-402	6.5	15
111	Pyranoxanthenes: Synthesis, growth inhibitory activity on human tumor cell lines and determination of their lipophilicity in two membrane models. <i>European Journal of Medicinal Chemistry</i> , 2013 , 69, 798-816	6.8	28
110	Enantioresolution of chiral derivatives of xanthenes on (S,S)-Whelk-O1 and L-phenylglycine stationary phases and chiral recognition mechanism by docking approach for (S,S)-Whelk-O1. <i>Chirality</i> , 2013 , 25, 89-100	2.1	28
109	Emangostin and gambogic acid as potential inhibitors of the p53-MDM2 interaction revealed by a yeast approach. <i>Journal of Natural Products</i> , 2013 , 76, 774-8	4.9	29
108	Discovery of a new small-molecule inhibitor of p53-MDM2 interaction using a yeast-based approach. <i>Biochemical Pharmacology</i> , 2013 , 85, 1234-45	6	50

107	Multidimensional optimization of promising antitumor xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2941-59	3.4	15
106	Sulfated small molecules targeting eBV in Burkitt lymphoma: from in silico screening to the evidence of in vitro effect on viral episomal DNA. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 631-44	2.9	8
105	A century of thioxanthenes: through synthesis and biological applications. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2438-57	4.3	26
104	Natural compounds with cell growth inhibitory activity in human tumor cell lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 1582-9	2.2	2
103	Dual inhibitors of P-glycoprotein and tumor cell growth: (re)discovering thioxanthenes. <i>Biochemical Pharmacology</i> , 2012 , 83, 57-68	6	93
102	Solid-phase synthesis of 2-hydroxychalcones. Effects on cell growth inhibition, cell cycle and apoptosis of human tumor cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 25-33	3.4	30
101	Enantiomeric resolution of albendazole sulfoxide by semipreparative HPLC and in vitro study of growth inhibitory effects on human cancer cell lines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 66, 100-8	3.5	16
100	Effects of a prenyl-baicalein derivative on ER (+) MCF-7 and ER (−) MDA-MB-231 breast tumor cell lines. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3154-3160	2.2	
99	Resolution and determination of enantiomeric purity of new chiral derivatives of xanthenes using polysaccharide-based stationary phases. <i>Journal of Chromatography A</i> , 2012 , 1269, 143-53	4.5	25
98	Synthesis of new chiral xanthone derivatives acting as nerve conduction blockers in the rat sciatic nerve. <i>European Journal of Medicinal Chemistry</i> , 2012 , 55, 1-11	6.8	27
97	Multidrug resistance reversal effects of aminated thioxanthenes and interaction with cytochrome P450 3A4. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012 , 15, 31-45	3.4	9
96	Synthesis of a natural chalcone and its prenyl analogs--evaluation of tumor cell growth-inhibitory activities, and effects on cell cycle and apoptosis. <i>Chemistry and Biodiversity</i> , 2012 , 9, 1133-43	2.5	21
95	Prenylated xanthenes: antiproliferative effects and enhancement of the growth inhibitory action of 4-hydroxytamoxifen in estrogen receptor-positive breast cancer cell line. <i>Medicinal Chemistry Research</i> , 2012 , 21, 552-558	2.2	17
94	Enantioseparation and chiral recognition mechanism of new chiral derivatives of xanthenes on macrocyclic antibiotic stationary phases. <i>Journal of Chromatography A</i> , 2012 , 1241, 60-8	4.5	44
93	Three decades of P-gp inhibitors: skimming through several generations and scaffolds. <i>Current Medicinal Chemistry</i> , 2012 , 19, 1946-2025	4.3	332
92	Structure and ligand-based design of P-glycoprotein inhibitors: a historical perspective. <i>Current Pharmaceutical Design</i> , 2012 , 18, 4197-214	3.3	38
91	Routes to Xanthenes: An Update on the Synthetic Approaches. <i>Current Organic Chemistry</i> , 2012 , 16, 2818-2867	4.9	
90	Polysulfated xanthenes: multipathway development of a new generation of dual anticoagulant/antiplatelet agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5373-84	8.3	45

89	Synthesis of tetrahydronaphthalene lignan esters by intramolecular cyclization of ethyl p-azidophenyl-2-phenylalkanoates and evaluation of the growth inhibition of human tumor cell lines. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 3175-87	8.3	16
88	Flavonoids with an oligopolysulfated moiety: a new class of anticoagulant agents. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 95-106	8.3	47
87	Antifungal activity of xanthenes: evaluation of their effect on ergosterol biosynthesis by high-performance liquid chromatography. <i>Chemical Biology and Drug Design</i> , 2011 , 77, 212-22	2.9	40
86	New uses for old drugs: pharmacophore-based screening for the discovery of P-glycoprotein inhibitors. <i>Chemical Biology and Drug Design</i> , 2011 , 78, 57-72	2.9	47
85	Dual anticoagulant/antiplatelet persulfated small molecules. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2347-58	6.8	34
84	Prenylated derivatives of baicalein and 3,7-dihydroxyflavone: synthesis and study of their effects on tumor cell lines growth, cell cycle and apoptosis. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2562-74	6.8	56
83	Insights into the in vitro antitumor mechanism of action of a new pyranoxanthone. <i>Chemical Biology and Drug Design</i> , 2010 , 76, 43-58	2.9	36
82	Synthesis of Xanthenes and Benzophenones as Inhibitors of Tumor Cell Growth. <i>Letters in Drug Design and Discovery</i> , 2010 , 7, 487-493	0.8	20
81	Evaluation of effect of triterpenes and limonoids on cell growth, cell cycle and apoptosis in human tumor cell line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010 , 10, 769-76	2.2	21
80	Pharmacophore-Based Screening as a Clue for the Discovery of New P-Glycoprotein Inhibitors. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 175-180		1
79	Synthesis of Prenylated Xanthenes: An Overview. <i>Current Organic Chemistry</i> , 2009 , 13, 1215-1240	1.7	19
78	A new tetralone from <i>Diospyros cauliflora</i> . <i>Biochemical Systematics and Ecology</i> , 2009 , 37, 690-692	1.4	4
77	Improved methodologies for synthesis of prenylated xanthenes by microwave irradiation and combination of heterogeneous catalysis (K10 clay) with microwave irradiation. <i>Tetrahedron</i> , 2009 , 65, 3848-3857	2.4	28
76	Bromoalkoxyxanthenes as promising antitumor agents: synthesis, crystal structure and effect on human tumor cell lines. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3830-5	6.8	30
75	Antitumor Activity of Some Prenylated Xanthenes. <i>Pharmaceuticals</i> , 2009 , 2, 33-43	5.2	26
74	1-Hydr-oxy-3-(3-methyl-but-2-en-yloxy)xanthone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2718-9		
73	Development and validation of an HPLC method for the quantitation of 1,3-dihydroxy-2-methylxanthone in biodegradable nanoparticles. <i>Journal of Chromatographic Science</i> , 2008 , 46, 472-8	1.4	5
72	Cytotoxicity of prenylated xanthenes and other constituents from the wood of <i>Garcinia merguensis</i> . <i>Planta Medica</i> , 2008 , 74, 864-6	3.1	5

71	Substituted Pyrazolo[3,4-d]pyrimidines: Microwave-Assisted, Solvent-Free Synthesis and Biological Evaluation. <i>Helvetica Chimica Acta</i> , 2008 , 91, 1336-1345	2	17
70	Synthesis of N-aryl-5-amino-4-cyanopyrazole derivatives as potent xanthine oxidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 771-80	6.8	75
69	Merodrimanes and other constituents from <i>Talaromyces thailandiasis</i> . <i>Journal of Natural Products</i> , 2007 , 70, 1200-2	4.9	41
68	Constituents of <i>Polyalthia jucunda</i> . and Their Cytotoxic Effect on Human Cancer Cell Lines. <i>Pharmaceutical Biology</i> , 2007 , 45, 575-579	3.8	6
67	Anticancer activity evaluation of kuanoniamines A and C isolated from the marine sponge <i>Oceanapia sagittaria</i> , collected from the Gulf of Thailand. <i>Marine Drugs</i> , 2007 , 5, 6-22	6	35
66	Antifungal activity evaluation of the constituents of <i>Haliclona baeri</i> and <i>Haliclona cymaeformis</i> , collected from the Gulf of Thailand. <i>Marine Drugs</i> , 2007 , 5, 40-51	6	33
65	Synthesis and antitumor evaluation of benzopsoralen analogues. <i>Chemistry and Biodiversity</i> , 2007 , 4, 980-90	2.5	6
64	Synthesis and antimalarial properties of new chloro-9H-xanthenes with an aminoalkyl side chain. <i>Chemistry and Biodiversity</i> , 2007 , 4, 1508-19	2.5	14
63	Dihydroxyxanthenes prenylated derivatives: synthesis, structure elucidation, and growth inhibitory activity on human tumor cell lines with improvement of selectivity for MCF-7. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 6080-8	3.4	50
62	Constituents of <i>Schisandra verruculosa</i> . and Their Cytotoxic Effect on Human Cancer Cell Lines. <i>Pharmaceutical Biology</i> , 2006 , 44, 411-415	3.8	5
61	Effects of natural prenylated flavones in the phenotypical ER (+) MCF-7 and ER (-) MDA-MB-231 human breast cancer cells. <i>Toxicology Letters</i> , 2006 , 164, 24-36	4.4	24
60	Psoralen analogues: synthesis, inhibitory activity of growth of human tumor cell lines and computational studies. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 367-72	6.8	56
59	Multimilligram enantioresolution of low-solubility xanthonolignoids on polysaccharide chiral stationary phases using a solid-phase injection system. <i>Journal of Chromatography A</i> , 2006 , 1120, 75-81	4.5	22
58	Improvement of the inhibitory effect of xanthenes on NO production by encapsulation in PLGA nanocapsules. <i>Journal of Drug Targeting</i> , 2005 , 13, 129-35	5.4	13
57	Development and characterization of PLGA nanospheres and nanocapsules containing xanthone and 3-methoxyxanthone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 59, 491-500	5.7	139
56	The binding of xanthone derivatives to transthyretin. <i>Biochemical Pharmacology</i> , 2005 , 70, 1861-9	6	29
55	3,4-Dihydroxy-9H-xanthen-9-one trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, o2213-o2215		2
54	Editorial [Hot Topic: Xanthone (Dibenzo- π -Pyrone): An Interesting Framework In Medicinal Chemistry (Guest Editor: Madalena M.M. Pinto)]. <i>Current Medicinal Chemistry</i> , 2005 , 12, 2411-2411	4.3	1

53	Synthesis of xanthenes: an overview. <i>Current Medicinal Chemistry</i> , 2005 , 12, 2447-79	4.3	114
52	Xanthone derivatives: new insights in biological activities. <i>Current Medicinal Chemistry</i> , 2005 , 12, 2517-38	4.3	378
51	Cytotoxic activity of lupane-type triterpenes from <i>Glochidion sphaerogynum</i> and <i>Glochidion eriocarpum</i> two of which induce apoptosis. <i>Planta Medica</i> , 2005 , 71, 208-13	3.1	50
50	Cytotoxicities of xanthenes and cinnamate esters from <i>Hypericum hookerianum</i> . <i>Planta Medica</i> , 2005 , 71, 680-2	3.1	10
49	Effect of Natural 2,5-Diaryl-3,4-dimethyltetrahydrofuran Lignans on Complement Activation, Lymphocyte Proliferation, and Growth of Tumor Cell Lines. <i>Pharmaceutical Biology</i> , 2004 , 42, 449-453	3.8	9
48	Enantiomeric resolution of kielcorin derivatives by HPLC on polysaccharide stationary phases using multimodal elution. <i>Chirality</i> , 2004 , 16, 279-85	2.1	24
47	Effect of abietane diterpenes from <i>Plectranthus grandidentatus</i> on T- and B-lymphocyte proliferation. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 217-23	3.4	51
46	Definition of an electronic profile of compounds with inhibitory activity against hematin aggregation in malaria parasite. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3313-21	3.4	57
45	Hemisynthetic secofriedelane triterpenes with inhibitory activity against the growth of human tumor cell lines in vitro. <i>Journal of Natural Products</i> , 2004 , 67, 1193-6	4.9	24
44	Clonasterol: a potent inhibitor of complement component C1. <i>Planta Medica</i> , 2003 , 69, 174-6	3.1	14
43	Natural and synthetic xanthonolignoids: chemistry and biological activities. <i>Current Medicinal Chemistry</i> , 2003 , 10, 1-12	4.3	19
42	Inhibition of alpha, beta, delta, eta, and zeta protein kinase C isoforms by xanthonolignoids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2003 , 18, 357-70	5.6	15
41	Quantitative Analysis of Kielcorins in Biomimetic Synthesis by Liquid Chromatography/UV Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003 , 26, 29-41	1.3	3
40	Computational studies of new potential antimalarial compounds--stereoelectronic complementarity with the receptor. <i>Journal of Computer-Aided Molecular Design</i> , 2003 , 17, 583-95	4.2	7
39	Inhibition of protein kinase C by synthetic xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 1215-25	3.4	32
38	Catechols from abietic acid synthesis and evaluation as bioactive compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 1631-8	3.4	67
37	Receptor-drug association studies in the inhibition of the hematin aggregation process of malaria. <i>FEBS Letters</i> , 2003 , 547, 217-22	3.8	32
36	Isomeric Kielcorins and Dihydroxyxanthenes: Synthesis, Structure Elucidation, and Inhibitory Activities of Growth of Human Cancer Cell Lines and on the Proliferation of Human Lymphocytes In Vitro. <i>Helvetica Chimica Acta</i> , 2002 , 85, 2862-2876	2	38

35	Synthesis and in vivo modulatory activity of protein kinase C of xanthone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 3219-27	3-4	36
34	Xanthonones as inhibitors of growth of human cancer cell lines and their effects on the proliferation of human lymphocytes in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 3725-30	3-4	124
33	Polyoxygenated cyclohexene derivatives from <i>Ellipeiopsis cherrevensis</i> . <i>Phytochemistry</i> , 2002 , 59, 543-94		35
32	5,7-Dihydroxychromones and 8-hydroxytetrahydrochromones from <i>Horsfieldia irya</i> . <i>Phytochemistry</i> , 2002 , 61, 995-8	4	11
31	Effect of abietane diterpenes from <i>Plectranthus grandidentatus</i> on the growth of human cancer cell lines. <i>Planta Medica</i> , 2002 , 68, 839-40	3-1	40
30	Naturally occurring 1,2,8-trimethoxyxanthone and biphenyl ether intermediates leading to 1,2-dimethoxyxanthone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 1319-23		11
29	Natural and Synthetic Xanthonones as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. <i>Helvetica Chimica Acta</i> , 2001 , 84, 552-570	2	58
28	Artelastocarpin and carpelastofuran, two new flavones, and cytotoxicities of prenyl flavonoids from <i>Artocarpus elasticus</i> against three cancer cell lines. <i>Planta Medica</i> , 2001 , 67, 867-70	3-1	35
27	Synthetic secofriedelane and friedelane derivatives as inhibitors of human lymphocyte proliferation and growth of human cancer cell lines in vitro. <i>Journal of Natural Products</i> , 2001 , 64, 1273-74-9		39
26	Xanthonones from <i>Calophyllum teysmannii</i> var. <i>inophylloide</i> . <i>Phytochemistry</i> , 2000 , 53, 1021-4	4	16
25	Xanthonones from <i>Calophyllum teysmannii</i> var. <i>inophylloide</i> . <i>Phytochemistry</i> , 2000 , 55, 833-6	4	16
24	Immunomodulatory Activity of Xanthonones from <i>Calophyllum teysmannii</i> var. <i>inophylloide</i> . <i>Planta Medica</i> , 1999 , 65, 368-71	3-1	39
23	¹ H and ¹³ C NMR Spectroscopy of mono-, di-, tri- and tetrasubstituted xanthonones. <i>Magnetic Resonance in Chemistry</i> , 1998 , 36, 305-309	2-1	31
22	Xanthonones from <i>Cratoxylum maingayi</i> . <i>Phytochemistry</i> , 1998 , 49, 2159-2162	4	40
21	Inhibition of inflammatory responses by a series of novel dolabrane derivatives. <i>European Journal of Pharmacology</i> , 1996 , 312, 97-105	5-3	11
20	Prenylflavonoids from <i>Artocarpus elasticus</i> . <i>Phytochemistry</i> , 1996 , 43, 691-694	4	27
19	Dolabranes from <i>Endospermum diadenum</i> . <i>Phytochemistry</i> , 1995 , 40, 191-193	4	21
18	Hepatoprotective activity of xanthonones and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. <i>Pharmaceutical Research</i> , 1995 , 12, 1756-60	4-5	37

17	Dolabranes from <i>Endospermum diadenum</i> . <i>Phytochemistry</i> , 1994 , 37, 197-200	4	13
16	Clerodanes from <i>Polyalthia viridis</i> . <i>Phytochemistry</i> , 1993 , 34, 457-460	4	22
15	Stilbenes and other constituents of <i>Knema austrosiamensis</i> . <i>Phytochemistry</i> , 1993 , 32, 433-438	4	31
14	Substituted xanthenes as selective and reversible monoamine oxidase A (MAO-A) inhibitors. <i>Pharmaceutical Research</i> , 1993 , 10, 1187-90	4.5	26
13	Protoberberine alkaloids from <i>Coscinium fenestratum</i> . <i>Phytochemistry</i> , 1992 , 31, 1403-1407	4	50
12	Synthesis of Coumarins and Derivatives. Part 1. Biomimetic synthesis of esculetin and halogenated derivatives. <i>Helvetica Chimica Acta</i> , 1992 , 75, 1061-1068	2	7
11	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> , 1991 , 14, 2307-2316		3
10	Constituents of <i>Knema laurina</i> and <i>Knema tenuinervia</i> ssp. <i>setosa</i> . <i>Planta Medica</i> , 1991 , 57, 575-7	3.1	23
9	Quantification of Usnic Acid in <i>Usnea Florida</i> by Densitometric High Performance thin Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991 , 14, 1447-1452		4
8	Lignans and other constituents of <i>knema furfuracea</i> . <i>Phytochemistry</i> , 1990 , 29, 1985-1988	4	24
7	Clerodane derivatives from <i>Polyalthia viridis</i> . <i>Phytochemistry</i> , 1990 , 29, 653-655	4	41
6	Biphenyl Type Lignans and Costunolide from <i>Manglietia garrettii</i> . <i>Planta Medica</i> , 1990 , 56, 417-8	3.1	2
5	A New Linalool Derivative and Other Constituents from <i>Piper ribesoides</i> . <i>Planta Medica</i> , 1989 , 55, 193-4	3.1	20
4	16-Hydroxy-3,13Z-kolavadien-16,15-olide from <i>Polyalthia viridis</i> . <i>Planta Medica</i> , 1989 , 55, 205-206	3.1	16
3	A biphenyl type neolignan and a biphenyl ether from <i>Magnolia henryi</i> . <i>Phytochemistry</i> , 1989 , 28, 1284-1286		20
2	Arylalkanones from <i>Horsfieldia glabra</i> . <i>Phytochemistry</i> , 1988 , 27, 3988-3989	4	19
1	Synthesis of New Xanthenes, I. <i>Helvetica Chimica Acta</i> , 1974 , 57, 2613-2617	2	8