Madalena Pinto

List of Publications by Citations

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	Xanthone derivatives: new insights in biological activities. *Current Medicinal Chemistry*, **2005**, 12, 2517-38	4.3	378
249	Three decades of P-gp inhibitors: skimming through several generations and scaffolds. *Current Medicinal Chemistry*, **2012**, 19, 1946-2025	4.3	332
248	Development and characterization of PLGA nanospheres and nanocapsules containing xanthone and 3-methoxyxanthone. *European Journal of Pharmaceutics and Biopharmaceutics*, **2005**, 59, 491-500	5.7	139
247	Xanthones as inhibitors of growth of human cancer cell lines and their effects on the proliferation of human lymphocytes in vitro. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 3725-30	3.4	124
246	Old Drugs as New Treatments for Neurodegenerative Diseases. *Pharmaceuticals*, **2018**, 11,	5.2	123
245	Synthesis of xanthones: an overview. *Current Medicinal Chemistry*, **2005**, 12, 2447-79	4.3	114
244	Dual inhibitors of P-glycoprotein and tumor cell growth: (re)discovering thioxanthones. *Biochemical Pharmacology*, **2012**, 83, 57-68	6	93
243	Synthesis of N-aryl-5-amino-4-cyanopyrazole derivatives as potent xanthine oxidase inhibitors. *European Journal of Medicinal Chemistry*, **2008**, 43, 771-80	6.8	75
242	Catechols from abietic acid synthesis and evaluation as bioactive compounds. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 1631-8	3.4	67
241	Chiral Stationary Phases for Liquid Chromatography: Recent Developments. *Molecules*, **2019**, 24,	4.8	65
240	Natural and Synthetic Xanthones as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. *Helvetica Chimica Acta*, **2001**, 84, 552-570	2	58
239	Medicinal Chemistry Strategies to Disrupt the p53-MDM2/MDMX Interaction. *Medicinal Research Reviews*, **2016**, 36, 789-844	14.4	58
238	Definition of an electronic profile of compounds with inhibitory activity against hematin aggregation in malaria parasite. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 3313-21	3.4	57
237	Emerging sulfated flavonoids and other polyphenols as drugs: nature as an inspiration. *Medicinal Research Reviews*, **2014**, 34, 223-79	14.4	56
236	Prenylated derivatives of baicalein and 3,7-dihydroxyflavone: synthesis and study of their effects on tumor cell lines growth, cell cycle and apoptosis. *European Journal of Medicinal Chemistry*, **2011**, 46, 2562-74	6.8	56
235	Psoralen analogues: synthesis, inhibitory activity of growth of human tumor cell lines and computational studies. *European Journal of Medicinal Chemistry*, **2006**, 41, 367-72	6.8	56
234	New isocoumarin derivatives and meroterpenoids from the marine sponge-associated fungus Aspergillus similanensis sp. nov. KUFA 0013. *Marine Drugs*, **2014**, 12, 5160-73	6	53

233	Effect of abietane diterpenes from Plectranthus grandidentatus on T- and B-lymphocyte proliferation. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 217-23	3.4	51
232	A new cyclic hexapeptide and a new isocoumarin derivative from the marine sponge-associated fungus Aspergillus similanensis KUFA 0013. *Marine Drugs*, **2015**, 13, 1432-50	6	50
231	Discovery of a new small-molecule inhibitor of p53-MDM2 interaction using a yeast-based approach. *Biochemical Pharmacology*, **2013**, 85, 1234-45	6	50
230	Dihydroxyxanthones prenylated derivatives: synthesis, structure elucidation, and growth inhibitory activity on human tumor cell lines with improvement of selectivity for MCF-7. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 6080-8	3.4	50
229	Cytotoxic activity of lupane-type triterpenes from Glochidion sphaerogynum and Glochidion eriocarpum two of which induce apoptosis. *Planta Medica*, **2005**, 71, 208-13	3.1	50
228	Protoberberine alkaloids from Coscinium fenestratum. *Phytochemistry*, **1992**, 31, 1403-1407	4	50
227	Routes to Xanthones: An Update on the Synthetic Approaches. *Current Organic Chemistry*, **2012**, 16, 2818-2867	1.7	49
226	Antibacterial and antibiofilm activities of the metabolites isolated from the culture of the mangrove-derived endophytic fungus Eurotium chevalieri KUFA 0006. *Phytochemistry*, **2017**, 141, 86-97	4	48
225	Flavonoids with an oligopolysulfated moiety: a new class of anticoagulant agents. *Journal of Medicinal Chemistry*, **2011**, 54, 95-106	8.3	47
224	New uses for old drugs: pharmacophore-based screening for the discovery of P-glycoprotein inhibitors. *Chemical Biology and Drug Design*, **2011**, 78, 57-72	2.9	47
223	Polysulfated xanthones: multipathway development of a new generation of dual anticoagulant/antiplatelet agents. *Journal of Medicinal Chemistry*, **2011**, 54, 5373-84	8.3	45
222	Enantioseparation and chiral recognition mechanism of new chiral derivatives of xanthones on macrocyclic antibiotic stationary phases. *Journal of Chromatography A*, **2012**, 1241, 60-8	4.5	44
221	Parkinson disease mutant E46K enhances □synuclein phosphorylation in mammalian cell lines, in yeast, and in vivo. *Journal of Biological Chemistry*, **2015**, 290, 9412-27	5.4	41
220	Merodrimanes and other constituents from Talaromyces thailandiasis. *Journal of Natural Products*, **2007**, 70, 1200-2	4.9	41
219	Clerodane derivatives from Polyalthia viridis. *Phytochemistry*, **1990**, 29, 653-655	4	41
218	Anticancer and cancer preventive compounds from edible marine organisms. *Seminars in Cancer Biology*, **2017**, 46, 55-64	12.7	40
217	Effect of sprouting and light cycle on antioxidant activity of Brassica oleracea varieties. *Food Chemistry*, **2014**, 165, 379-87	8.5	40
216	Antifungal activity of xanthones: evaluation of their effect on ergosterol biosynthesis by high-performance liquid chromatography. *Chemical Biology and Drug Design*, **2011**, 77, 212-22	2.9	40

215	Xanthones from Cratoxylum maingayi. *Phytochemistry*, **1998**, 49, 2159-2162	4	40
214	Effect of abietane diterpenes from Plectranthus grandidentatus on the growth of human cancer cell lines. *Planta Medica*, **2002**, 68, 839-40	3.1	40
213	Preliminary Virtual Screening Studies to Identify GRP78 Inhibitors Which May Interfere with SARS-CoV-2 Infection. *Pharmaceuticals*, **2020**, 13,	5.2	39
212	Small Molecules as Chromatographic Tools for HPLC Enantiomeric Resolution: Pirkle-Type Chiral Stationary Phases Evolution. *Chromatographia*, **2013**, 76, 871-897	2.1	39
211	Synthetic secofriedelane and friedelane derivatives as inhibitors of human lymphocyte proliferation and growth of human cancer cell lines in vitro. *Journal of Natural Products*, **2001**, 64, 1273-7	4.9	39
210	Immunomodulatory Activity of Xanthones from Calophyllum teysmannii var. inuphylloide. *Planta Medica*, **1999**, 65, 368-71	3.1	39
209	Structure and ligand-based design of P-glycoprotein inhibitors: a historical perspective. *Current Pharmaceutical Design*, **2012**, 18, 4197-214	3.3	38
208	Isomeric Kielcorins and Dihydroxyxanthones: Synthesis, Structure Elucidation, and Inhibitory Activities of Growth of Human Cancer Cell Lines and on the Proliferation of Human Lymphocytes In Vitro. *Helvetica Chimica Acta*, **2002**, 85, 2862-2876	2	38
207	Hepatoprotective activity of xanthones and xanthonolignoids against tert-butylhydroperoxide-induced toxicity in isolated rat hepatocytes--comparison with silybin. *Pharmaceutical Research*, **1995**, 12, 1756-60	4.5	37
206	Antifouling potential of Nature-inspired sulfated compounds. *Scientific Reports*, **2017**, 7, 42424	4.9	36
205	Insights into the in vitro antitumor mechanism of action of a new pyranoxanthone. *Chemical Biology and Drug Design*, **2010**, 76, 43-58	2.9	36
204	Synthesis and in vivo modulatory activity of protein kinase C of xanthone derivatives. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 3219-27	3.4	36
203	Bis-Indolyl Benzenoids, Hydroxypyrrolidine Derivatives and Other Constituents from Cultures of the Marine Sponge-Associated Fungus Aspergillus candidus KUFA0062. *Marine Drugs*, **2018**, 16,	6	36
202	Chiral Separation in Preparative Scale: A Brief Overview of Membranes as Tools for Enantiomeric Separation. *Symmetry*, **2017**, 9, 206	2.7	35
201	Anticancer activity evaluation of kuanoniamines A and C isolated from the marine sponge Oceanapia sagittaria, collected from the Gulf of Thailand. *Marine Drugs*, **2007**, 5, 6-22	6	35
200	Polyoxygenated cyclohexene derivatives from Ellipeiopsis cherrevensis. *Phytochemistry*, **2002**, 59, 543-9	4	35
199	Artelastocarpin and carpelastofuran, two new flavones, and cytotoxicities of prenyl flavonoids from Artocarpus elasticus against three cancer cell lines. *Planta Medica*, **2001**, 67, 867-70	3.1	35
198	Chiral Stationary Phases Based on Small Molecules: An Update of the Last 17 Years. *Separation and Purification Reviews*, **2018**, 47, 89-123	7.3	34

197	A novel curcumin derivative which inhibits P-glycoprotein, arrests cell cycle and induces apoptosis in multidrug resistance cells. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 581-596	3.4	34
196	New chiral derivatives of xanthones: synthesis and investigation of enantioselectivity as inhibitors of growth of human tumor cell lines. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 1049-62	3.4	34
195	Dual anticoagulant/antiplatelet persulfated small molecules. *European Journal of Medicinal Chemistry*, **2011**, 46, 2347-58	6.8	34
194	Chiral enantioresolution of cathinone derivatives present in "legal highs", and enantioselectivity evaluation on cytotoxicity of 3,4-methylenedioxypyrovalerone (MDPV). *Forensic Toxicology*, **2016**, 34, 372-385	2.6	33
193	Antifungal activity evaluation of the constituents of Haliclona baeri and Haliclona cymaeformis, collected from the Gulf of Thailand. *Marine Drugs*, **2007**, 5, 40-51	6	33
192	Induction and activation of P-glycoprotein by dihydroxylated xanthones protect against the cytotoxicity of the P-glycoprotein substrate paraquat. *Archives of Toxicology*, **2014**, 88, 937-51	5.8	32
191	Inhibition of protein kinase C by synthetic xanthone derivatives. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 1215-25	3.4	32
190	Receptor-drug association studies in the inhibition of the hematin aggregation process of malaria. *FEBS Letters*, **2003**, 547, 217-22	3.8	32
189	Chemistry of the fumiquinazolines and structurally related alkaloids. *Natural Product Reports*, **2019**, 36, 7-34	15.1	31
188	1H and 13C NMR Spectroscopy of mono-, di-, tri- and tetrasubstituted xanthones. *Magnetic Resonance in Chemistry*, **1998**, 36, 305-309	2.1	31
187	Stilbenes and other constituents of Knema austrosiamensis. *Phytochemistry*, **1993**, 32, 433-438	4	31
186	Structures, Activities and Drug-Likeness of Anti-Infective Xanthone Derivatives Isolated from the Marine Environment: A Review. *Molecules*, **2019**, 24,	4.8	31
185	Solid-phase synthesis of 2′-hydroxychalcones. Effects on cell growth inhibition, cell cycle and apoptosis of human tumor cell lines. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 25-33	3.4	30
184	Bromoalkoxyxanthones as promising antitumor agents: synthesis, crystal structure and effect on human tumor cell lines. *European Journal of Medicinal Chemistry*, **2009**, 44, 3830-5	6.8	30
183	α-mangostin and gambogic acid as potential inhibitors of the p53-MDM2 interaction revealed by a yeast approach. *Journal of Natural Products*, **2013**, 76, 774-8	4.9	29
182	The binding of xanthone derivatives to transthyretin. *Biochemical Pharmacology*, **2005**, 70, 1861-9	6	29
181	P-glycoprotein induction in Caco-2 cells by newly synthetized thioxanthones prevents paraquat cytotoxicity. *Archives of Toxicology*, **2015**, 89, 1783-800	5.8	28
180	Pyranoxanthones: Synthesis, growth inhibitory activity on human tumor cell lines and determination of their lipophilicity in two membrane models. *European Journal of Medicinal Chemistry*, **2013**, 69, 798-816	6.8	28

179	Enantioresolution of chiral derivatives of xanthones on (S,S)-Whelk-O1 and L-phenylglycine stationary phases and chiral recognition mechanism by docking approach for (S,S)-Whelk-O1. *Chirality*, **2013**, 25, 89-100	2.1	28
178	Improved methodologies for synthesis of prenylated xanthones by microwave irradiation and combination of heterogeneous catalysis (K10 clay) with microwave irradiation. *Tetrahedron*, **2009**, 65, 3848-3857	2.4	28
177	Targeting antimicrobial drug resistance with marine natural products. *International Journal of Antimicrobial Agents*, **2020**, 56, 106005	14.3	27
176	Chiral Separations in Preparative Scale: A Medicinal Chemistry Point of View. *Molecules*, **2020**, 25,	4.8	27
175	A New Ergosterol Analog, a New Bis-Anthraquinone and Anti-Obesity Activity of Anthraquinones from the Marine Sponge-Associated Fungus Talaromyces stipitatus KUFA 0207. *Marine Drugs*, **2017**, 15,	6	27
174	Synthesis of new chiral xanthone derivatives acting as nerve conduction blockers in the rat sciatic nerve. *European Journal of Medicinal Chemistry*, **2012**, 55, 1-11	6.8	27
173	Prenylflavonoids from Artocarpus elasticus. *Phytochemistry*, **1996**, 43, 691-694	4	27
172	Marine-Derived Compounds with Potential Use as Cosmeceuticals and Nutricosmetics. *Molecules*, **2020**, 25,	4.8	26
171	A New Meroditerpene and a New Tryptoquivaline Analog from the Algicolous Fungus Neosartorya takakii KUFC 7898. *Marine Drugs*, **2015**, 13, 3776-90	6	26
170	Antitumor Activity of Some Prenylated Xanthones. *Pharmaceuticals*, **2009**, 2, 33-43	5.2	26
169	Substituted xanthones as selective and reversible monoamine oxidase A (MAO-A) inhibitors. *Pharmaceutical Research*, **1993**, 10, 1187-90	4.5	26
168	A century of thioxanthones: through synthesis and biological applications. *Current Medicinal Chemistry*, **2013**, 20, 2438-57	4.3	26
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166	Isolation and Potential Biological Applications of Haloaryl Secondary Metabolites from Macroalgae. *Marine Drugs*, **2019**, 17,	6	25
165	Antithrombotics from the Sea: Polysaccharides and Beyond. *Marine Drugs*, **2019**, 17,	6	25
164	Enhanced cytotoxicity of prenylated chalcone against tumour cells via disruption of the p53-MDM2 interaction. *Life Sciences*, **2015**, 142, 60-5	6.8	25
163	Xanthone and Flavone Derivatives as Dual Agents with Acetylcholinesterase Inhibition and Antioxidant Activity as Potential Anti-Alzheimer Agents. *Journal of Chemistry*, **2017**, 2017, 1-16	2.3	25
162	Resolution and determination of enantiomeric purity of new chiral derivatives of xanthones using polysaccharide-based stationary phases. *Journal of Chromatography A*, **2012**, 1269, 143-53	4.5	25

161	Boronic Acids and Their Derivatives in Medicinal Chemistry: Synthesis and Biological Applications. *Molecules*, **2020**, 25,	4.8	25
160	New Cyclotetrapeptides and a New Diketopiperzine Derivative from the Marine Sponge-Associated Fungus Neosartorya glabra KUFA 0702. *Marine Drugs*, **2016**, 14,	6	25
159	New inhibitor of the TAp73 interaction with MDM2 and mutant p53 with promising antitumor activity against neuroblastoma. *Cancer Letters*, **2019**, 446, 90-102	9.9	24
158	Effects of natural prenylated flavones in the phenotypical ER (+) MCF-7 and ER (-) MDA-MB-231 human breast cancer cells. *Toxicology Letters*, **2006**, 164, 24-36	4.4	24
157	Enantiomeric resolution of kielcorin derivatives by HPLC on polysaccharide stationary phases using multimodal elution. *Chirality*, **2004**, 16, 279-85	2.1	24
156	Hemisynthetic secofriedelane triterpenes with inhibitory activity against the growth of human tumor cell lines in vitro. *Journal of Natural Products*, **2004**, 67, 1193-6	4.9	24
155	Lignans and other constituents of knema furfuracea. *Phytochemistry*, **1990**, 29, 1985-1988	4	24
154	Drug-like Properties and ADME of Xanthone Derivatives: The Antechamber of Clinical Trials. *Current Medicinal Chemistry*, **2016**, 23, 3654-3686	4.3	24
153	Enantiomeric Resolution and Docking Studies of Chiral Xanthonic Derivatives on Chirobiotic Columns. *Molecules*, **2018**, 23,	4.8	24
152	Lipid reducing activity and toxicity profiles of a library of polyphenol derivatives. *European Journal of Medicinal Chemistry*, **2018**, 151, 272-284	6.8	23
151	A New Dihydrochromone Dimer and Other Secondary Metabolites from Cultures of the Marine Sponge-Associated Fungi Neosartorya fennelliae KUFA 0811 and Neosartorya tsunodae KUFC 9213. *Marine Drugs*, **2017**, 15,	6	23
150	Constituents of Knema laurina and Knema tenuinervia ssp. setosa. *Planta Medica*, **1991**, 57, 575-7	3.1	23
149	Modulation of Autophagy by a Thioxanthone Decreases the Viability of Melanoma Cells. *Molecules*, **2016**, 21,	4.8	23
148	From Natural Products to New Synthetic Small Molecules: A Journey through the World of Xanthones. *Molecules*, **2021**, 26,	4.8	23
147	Chiral Stationary Phases for Liquid Chromatography Based on Chitin- and Chitosan-Derived Marine Polysaccharides. *Symmetry*, **2017**, 9, 190	2.7	22
146	Multimilligram enantioresolution of low-solubility xanthonolignoids on polysaccharide chiral stationary phases using a solid-phase injection system. *Journal of Chromatography A*, **2006**, 1120, 75-81	4.5	22
145	Clerodanes from Polyalthia viridis. *Phytochemistry*, **1993**, 34, 457-460	4	22
144	Recent advances in the synthesis of xanthones and azaxanthones. *Organic Chemistry Frontiers*, **2020**, 7, 3027-3066	5.2	22

143	Chiral Derivatives of Xanthones with Antimicrobial Activity. *Molecules*, **2019**, 24,	4.8	21
142	Dual/multitargeted xanthone derivatives for Alzheimer's disease: where do we stand?. *Future Medicinal Chemistry*, **2017**, 9, 1611-1630	4.1	21
141	Synthesis of a natural chalcone and its prenyl analogs--evaluation of tumor cell growth-inhibitory activities, and effects on cell cycle and apoptosis. *Chemistry and Biodiversity*, **2012**, 9, 1133-43	2.5	21
140	Evaluation of effect of triterpenes and limonoids on cell growth, cell cycle and apoptosis in human tumor cell line. *Anti-Cancer Agents in Medicinal Chemistry*, **2010**, 10, 769-76	2.2	21
139	Dolabranes from Endospermum diadenum. *Phytochemistry*, **1995**, 40, 191-193	4	21
138	In silico and in vitro antioxidant and cytotoxicity evaluation of oxygenated xanthone derivatives. *Arabian Journal of Chemistry*, **2020**, 13, 17-26	5.9	21
137	Synthesis of Xanthones and Benzophenones as Inhibitors of Tumor Cell Growth. *Letters in Drug Design and Discovery*, **2010**, 7, 487-493	0.8	20
136	A New Linalool Derivative and Other Constituents from Piper ribesoides. *Planta Medica*, **1989**, 55, 193-4	3.1	20
135	A biphenyl type neolignan and a biphenyl ether from Magnolia henryi. *Phytochemistry*, **1989**, 28, 1284-1286	4	20
134	Screening a Small Library of Xanthones for Antitumor Activity and Identification of a Hit Compound which Induces Apoptosis. *Molecules*, **2016**, 21, 81	4.8	20
133	Synthetic Chiral Derivatives of Xanthones: Biological Activities and Enantioselectivity Studies. *Molecules*, **2019**, 24,	4.8	19
132	Synergistic Effects Between Thioxanthones and Oxacillin Against Methicillin-Resistant Staphylococcus aureus. *Microbial Drug Resistance*, **2015**, 21, 404-15	2.9	19
131	Synthesis of Prenylated Xanthones: An Overview. *Current Organic Chemistry*, **2009**, 13, 1215-1240	1.7	19
130	Natural and synthetic xanthonolignoids: chemistry and biological activities. *Current Medicinal Chemistry*, **2003**, 10, 1-12	4.3	19
129	Arylalkanones from Horsfieldia glabra. *Phytochemistry*, **1988**, 27, 3988-3989	4	19
128	Accessing lipophilicity of drugs with biomimetic models: A comparative study using liposomes and micelles. *European Journal of Pharmaceutical Sciences*, **2018**, 115, 369-380	5.1	18
127	SULFATION PATHWAYS: Sources and biological activities of marine sulfated steroids. *Journal of Molecular Endocrinology*, **2018**, 61, T211-T231	4.5	18
126	Targeting the MDM2-p53 protein-protein interaction with prenylchalcones: Synthesis of a small library and evaluation of potential antitumor activity. *European Journal of Medicinal Chemistry*, **2018**, 156, 711-721	6.8	18

125	Marine natural flavonoids: chemistry and biological activities. *Natural Product Research*, **2019**, 33, 3260-3272	2.3	18
124	Lipophilicity assessement in drug discovery: Experimental and theoretical methods applied to xanthone derivatives. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1072, 182-192	3.2	18
123	Multi-milligram resolution and determination of absolute configuration of pentedrone and methylone enantiomers. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1100-1101, 158-164	3.2	18
122	The importance of drug metabolites synthesis: the case-study of cardiotoxic anticancer drugs. *Drug Metabolism Reviews*, **2017**, 49, 158-196	7	17
121	Prenylated xanthones: antiproliferative effects and enhancement of the growth inhibitory action of 4-hydroxytamoxifen in estrogen receptor-positive breast cancer cell line. *Medicinal Chemistry Research*, **2012**, 21, 552-558	2.2	17
120	Substituted Pyrazolo[3,4-d]pyrimidines: Microwave-Assisted, Solvent-Free Synthesis and Biological Evaluation. *Helvetica Chimica Acta*, **2008**, 91, 1336-1345	2	17
119	Strategies to Overcome HeparinsQLow Oral Bioavailability. *Pharmaceuticals*, **2016**, 9,	5.2	17
118	Xanthenes in Medicinal Chemistry - Synthetic strategies and biological activities. *European Journal of Medicinal Chemistry*, **2021**, 210, 113085	6.8	17
117	Lichen Xanthones as Models for New Antifungal Agents. *Molecules*, **2018**, 23,	4.8	17
116	Chalcone derivatives targeting mitosis: synthesis, evaluation of antitumor activity and lipophilicity. *European Journal of Medicinal Chemistry*, **2019**, 184, 111752	6.8	16
115	Synthesis, Biological Evaluation, and In Silico Studies of Novel Aminated Xanthones as Potential p53-Activating Agents. *Molecules*, **2019**, 24,	4.8	16
114	Evaluation of 2Q4Qdihydroxy-3,4,5-trimethoxychalcone as antimitotic agent that induces mitotic catastrophe in MCF-7 breast cancer cells. *Toxicology Letters*, **2014**, 229, 393-401	4.4	16
113	Enantiomeric resolution of albendazole sulfoxide by semipreparative HPLC and in vitro study of growth inhibitory effects on human cancer cell lines. *Journal of Pharmaceutical and Biomedical Analysis*, **2012**, 66, 100-8	3.5	16
112	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. *Journal of Medicinal Chemistry*, **2011**, 54, 3175-87	8.3	16
111	Xanthones from Calophyllum teysmannii var. inophylloide. *Phytochemistry*, **2000**, 53, 1021-4	4	16
110	Xanthones from Calophyllum teysmannii var. inophylloide. *Phytochemistry*, **2000**, 55, 833-6	4	16
109	16-Hydroxy-3,13Z-kolavadien-16,15-olide fromPolyalthia viridis. *Planta Medica*, **1989**, 55, 205-206	3.1	16
108	Design and synthesis of new inhibitors of p53MDM2 interaction with a chalcone scaffold. *Arabian Journal of Chemistry*, **2019**, 12, 4150-4161	5.9	16

107	Bioactive xanthones with effect on P-glycoprotein and prediction of intestinal absorption. *Medicinal Chemistry Research*, **2013**, 22, 2115-2123	2.2	15
106	Development of noncytotoxic PLGA nanoparticles to improve the effect of a new inhibitor of p53-MDM2 interaction. *International Journal of Pharmaceutics*, **2013**, 454, 394-402	6.5	15
105	Multidimensional optimization of promising antitumor xanthone derivatives. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 2941-59	3.4	15
104	Inhibition of alpha, betaI, delta, eta, and zeta protein kinase C isoforms by xanthonolignoids. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2003**, 18, 357-70	5.6	15
103	New Polyketides and New Benzoic Acid Derivatives from the Marine Sponge-Associated Fungus Neosartorya quadricincta KUFA 0081. *Marine Drugs*, **2016**, 14,	6	15
102	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. *Pharmaceuticals*, **2017**, 10,	5.2	14
101	Marine Natural Peptides: Determination of Absolute Configuration Using Liquid Chromatography Methods and Evaluation of Bioactivities. *Molecules*, **2018**, 23,	4.8	14
100	Enantiomeric ratios: Why so many notations?. *Journal of Chromatography A*, **2018**, 1569, 1-7	4.5	14
99	Chromone Derivatives and Other Constituents from Cultures of the Marine Sponge-Associated Fungus KUFA0220 and Their Antibacterial Activity. *Marine Drugs*, **2018**, 16,	6	14
98	An antifouling model from the sea: a review of 25 years of zosteric acid studies. *Biofouling*, **2017**, 33, 927-942	3.3	14
97	Synthesis and antimalarial properties of new chloro-9H-xanthones with an aminoalkyl side chain. *Chemistry and Biodiversity*, **2007**, 4, 1508-19	2.5	14
96	Clionasterol: a potent inhibitor of complement component C1. *Planta Medica*, **2003**, 69, 174-6	3.1	14
95	Resolution, determination of enantiomeric purity and chiral recognition mechanism of new xanthone derivatives on (S,S)-whelk-O1 stationary phase. *Chirality*, **2017**, 29, 247-256	2.1	13
94	Improvement of the inhibitory effect of xanthones on NO production by encapsulation in PLGA nanocapsules. *Journal of Drug Targeting*, **2005**, 13, 129-35	5.4	13
93	Dolabranes from Endospermum diadenum. *Phytochemistry*, **1994**, 37, 197-200	4	13
92	Medicinal Chemistry Updates on Bacterial Efflux Pump Modulators. *Current Medicinal Chemistry*, **2018**, 25, 6030-6069	4.3	13
91	Marine Natural Products, Multitarget Therapy and Repurposed Agents in Alzheimer's Disease. *Pharmaceuticals*, **2020**, 13,	5.2	13
90	Carboxyxanthones: Bioactive Agents and Molecular Scaffold for Synthesis of Analogues and Derivatives. *Molecules*, **2019**, 24,	4.8	13

89	Antitumor Activity of Quinazolinone Alkaloids Inspired by Marine Natural Products. *Marine Drugs*, **2018**, 16,	6	13
88	Synthesis of a Small Library of Nature-Inspired Xanthones and Study of Their Antimicrobial Activity. *Molecules*, **2020**, 25,	4.8	12
87	Overcoming environmental problems of biocides: Synthetic bile acid derivatives as a sustainable alternative. *Ecotoxicology and Environmental Safety*, **2020**, 187, 109812	7	12
86	New chiral stationary phases based on xanthone derivatives for liquid chromatography. *Chirality*, **2017**, 29, 430-442	2.1	11
85	Chiral Thioxanthones as Modulators of P-glycoprotein: Synthesis and Enantioselectivity Studies. *Molecules*, **2018**, 23,	4.8	11
84	5,7-Dihydroxychromones and 8-hydroxytetrahydrochromones from Horsfieldia irya. *Phytochemistry*, **2002**, 61, 995-8	4	11
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