Henryk Marona

List of Publications by Year
in descending order

98 papers	1,314 citations	394421 19 h-index	477307 29 g-index
100 all docs	100 docs citations	100 times ranked	1396 citing authors

#	Article	IF	Citations
1	Ion Channels as Drug Targets in Central Nervous System Disorders. Current Medicinal Chemistry, 2013, 20, 1241-1285.	2.4	94
2	Evaluation of Anticonvulsants for Possible Use in Neuropathic Pain. Current Medicinal Chemistry, 2011, 18, 4344-4358.	2.4	52
3	Synthesis and Evaluation of Antidepressantâ€like Activity of Some 4â€substituted 1â€(2â€methoxyphenyl)Piperazine Derivatives. Chemical Biology and Drug Design, 2015, 85, 326-335.	3.2	50
4	Melanogenesis Inhibitors: Strategies for Searching for and Evaluation of Active Compounds. Current Medicinal Chemistry, 2016, 23, 3548-3574.	2.4	43
5	Serotonergic System and Its Role in Epilepsy and Neuropathic Pain Treatment: A Review Based on Receptor Ligands. Current Pharmaceutical Design, 2015, 21, 1723-1740.	1.9	43
6	Preliminary evaluation of pharmacological properties of some xanthone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 1345-1352.	3.0	41
7	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT1A and 5-HT7 Antagonists in Animal Models. PLoS ONE, 2015, 10, e0142499.	2.5	39
8	Synthesis and preliminary evaluation of pharmacological properties of some piperazine derivatives of xanthone. Bioorganic and Medicinal Chemistry, 2013, 21, 514-522.	3.0	37
9	Synthesis and evaluation of pharmacological properties of some new xanthone derivatives with piperazine moiety. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4419-4423.	2.2	35
10	Anticonvulsant activity of some xanthone derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 7234-7244.	3.0	34
11	Cinnamamide Derivatives for Central and Peripheral Nervous System Disordersâ€"A Review of Structureâ€"Activity Relationships. ChemMedChem, 2015, 10, 1302-1325.	3.2	33
12	Antifungal and Antibacterial Activity of the Newly Synthesized 2â€Xanthone Derivatives. Archiv Der Pharmazie, 2009, 342, 9-18.	4.1	31
13	The hypotensive activity and alpha1-adrenoceptor antagonistic properties of some aroxyalkyl derivatives of 2-methoxyphenylpiperazine. European Journal of Pharmacology, 2013, 698, 335-344.	3.5	26
14	The antidepressant-like activity of 6-methoxy-2-[4-(2-methoxyphenyl)piperazin-1-yl]-9H-xanthen-9-one involves serotonergic 5-HT1A and 5-HT2A/C receptors activation. European Journal of Pharmacology, 2015, 764, 537-546.	3.5	23
15	Synthesis and Evaluation of Some Xanthone Derivatives for Antiâ€Arrhythmic, Hypotensive Properties and Their Affinity for Adrenergic Receptors. Archiv Der Pharmazie, 2008, 341, 90-98.	4.1	21
16	Design, synthesis, and anticonvulsant activity of some derivatives of xanthone with aminoalkanol moieties. Chemical Biology and Drug Design, 2017, 89, 339-352.	3.2	21
17	In vitro mutagenic, antimutagenic, and antioxidant activities evaluation and biotransformation of some bioactive 4â€substituted 1â€(2â€methoxyphenyl)piperazine derivatives. Journal of Biochemical and Molecular Toxicology, 2016, 30, 593-601.	3.0	20
18	The antidepressant- and anxiolytic-like activities of new xanthone derivative with piperazine moiety in behavioral tests in mice. Indian Journal of Pharmacology, 2016, 48, 286.	0.7	20

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19	Evaluation of anti-inflammatory and ulcerogenic potential of zincâ€“ibuprofen and zincâ€“naproxen complexes in rats. Inflammopharmacology, 2017, 25, 653-663.	3.9	19
20	Structure-anticonvulsant activity studies in the group of (E)-N-cinnamoyl aminoalkanols derivatives monosubstituted in phenyl ring with 4-Cl, 4-CH3 or 2-CH3. Bioorganic and Medicinal Chemistry, 2017, 25, 471-482.	3.0	19
21	Synthesis and anticonvulsant activity of trans- and cis-2-(2,6-dimethylphenoxy)-N-(2- or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 6927-6934.	3.0	18
22	N-[(2,6-Dimethylphenoxy)alkyl]aminoalkanolsâ€”their physicochemical and anticonvulsant properties. Bioorganic and Medicinal Chemistry, 2015, 23, 4197-4217.	3.0	18
23	Antiarrhythmic and antihypertensive activity of some xanthone derivatives. Acta Poloniae Pharmaceutica, 2008, 65, 383-90.	0.1	18
24	Anticonvulsant evaluation of aminoalkanol derivatives of 2- and 4-methylxanthone. Bioorganic and Medicinal Chemistry, 2013, 21, 1190-1198.	3.0	17
25	Cardiovascular activity of the chiral xanthone derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 6714-6724.	3.0	17
26	Chemically Homogenous Compounds with Antagonistic Properties at All Î±1-Adrenoceptor Subtypes but not Î²1-Adrenoceptor Attenuate Adrenaline-Induced Arrhythmia in Rats. Frontiers in Pharmacology, 2016, 7, 229.	3.5	17
27	Anti-Helicobacter pylori activity of some newly synthesized derivatives of xanthone. Journal of Antibiotics, 2016, 69, 825-834.	2.0	17
28	HBK-7 â€” A new xanthone derivative and a 5-HT1A receptor antagonist with antidepressant-like properties. Pharmacology Biochemistry and Behavior, 2016, 146-147, 35-43.	2.9	17
29	Antidepressant-like activity of aroxyalkyl derivatives of 2-methoxyphenylpiperazine and evidence for the involvement of serotonin receptor subtypes in their mechanism of action. Pharmacology Biochemistry and Behavior, 2016, 141, 28-41.	2.9	17
30	Xanthone derivatives could be potential antibiotics: virtual screening for the inhibitors of enzyme I of bacterial phosphoenolpyruvate-dependent phosphotransferase system. Journal of Antibiotics, 2013, 66, 453-458.	2.0	16
31	Anticonvulsant activity, crystal structures, and preliminary safety evaluation of N-trans-cinnamoyl derivatives of selected (un)modified aminoalkanols. European Journal of Medicinal Chemistry, 2016, 107, 26-37.	5.5	16
32	Preliminary Evaluation of Anticonvulsant Activity of Some Aminoalkanol and Amino Acid Cinnamic Acid Derivatives. Letters in Drug Design and Discovery, 2012, 9, 37-43.	0.7	15
33	HBK-17, a 5-HT1A Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates ÃŸ-Arrestin Signaling. Frontiers in Pharmacology, 2018, 9, 1146.	3.5	15
34	In vitro effect of pentoxifylline and lisofylline on deformability and aggregation of red blood cells from healthy subjects and patients with chronic venous disease.. Acta Biochimica Polonica, 2013, 60, .	0.5	15
35	Estimating the lipophilicity of a number of 2â€aminoâ€1â€cyclohexanol derivatives exhibiting anticonvulsant activity. Biomedical Chromatography, 2009, 23, 543-550.	1.7	14
36	Design, physico-chemical properties and biological evaluation of some new N-[(phenoxy)alkyl]- and N-{2-[2-(phenoxy)ethoxy]ethyl}aminoalkanols as anticonvulsant agents. Bioorganic and Medicinal Chemistry, 2016, 24, 1793-1810.	3.0	14

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37	Contribution of reactive oxygen species to the anticancer activity of aminoalkanol derivatives of xanthone. Investigational New Drugs, 2018, 36, 355-369.	2.6	14
38	Cinnamic acid derivatives as chemosensitising agents against DOX-treated lung cancer cells â€“ Involvement of carbonyl reductase 1. European Journal of Pharmaceutical Sciences, 2020, 154, 105511.	4.0	14
39	Synthesis and in vitro Evaluation of the Anticancer Potential of New Aminoalkanol Derivatives of Xanthone. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 1587-1604.	1.7	14
40	Antiarrhythmic properties of some 1,4-disubstituted piperazine derivatives with Î±1-adrenoceptor affinities. European Journal of Pharmacology, 2013, 720, 237-246.	3.5	12
41	Antiarrhythmic, hypotensive and Î±1-adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. European Journal of Pharmacology, 2014, 735, 10-16.	3.5	11
42	Reversal of cardiac, vascular, and renal dysfunction by non-quinazoline Î±1-adrenolytics in DOCA-salt hypertensive rats: a comparison with prazosin, a quinazoline-based Î±1-adrenoceptor antagonist. Hypertension Research, 2019, 42, 1125-1141.	2.7	11
43	Design, synthesis and anticonvulsant-analgesic activity of new N-[(phenoxy)alkyl]- and N-[(phenoxy)ethoxyethyl]aminoalkanols. MedChemComm, 2017, 8, 220-238.	3.4	10
44	Synthesis and Evaluation of Anticonvulsant Activity of Some N-[(4-Chlor- 2-methylphenoxy)ethyl]- and N-[(4-Chlor-2-methylphenoxy)acetyl]aminoalkanols. Letters in Drug Design and Discovery, 2013, 10, 35-43.	0.7	10
45	Antiarrhythmic activity of some xanthone derivatives with Î²1-adrenoceptor affinities in rats. European Journal of Pharmacology, 2014, 738, 14-21.	3.5	9
46	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. Pharmacological Reports, 2015, 67, 1163-1167.	3.3	9
47	Supramolecular architectures of succinates of 1-hydroxypropan-2-aminium derivatives. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 856-862.	0.5	9
48	Synthesis, Anticonvulsant Activity and Metabolism of 4â€chlorâ€3â€methylphenoxyethylamine Derivatives of Transâ€2â€aminocyclohexanâ€1â€ol. Chirality, 2015, 27, 163-169.	2.6	8
49	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with Î±1-adrenolytic properties. Pharmacological Reports, 2015, 67, 267-274.	3.3	8
50	Design, synthesis and cardiovascular evaluation of some aminoisopropanoloxy derivatives of xanthone. Bioorganic and Medicinal Chemistry, 2018, 26, 3773-3784.	3.0	8
51	Synthesis and anticonvulsant activity of phenoxyacetyl derivatives of amines, including aminoalkanols and amino acids. MedChemComm, 2018, 9, 1933-1948.	3.4	8
52	Preliminary antifungal activity assay of selected chlorineâ€containing derivatives of xanthone and phenoxyethyl amines. Chemical Biology and Drug Design, 2018, 92, 1867-1875.	3.2	8
53	Discovery of Novel UV-Filters with Favorable Safety Profiles in the 5-Arylideneimidazolidine-2,4-dione Derivatives Group. Molecules, 2019, 24, 2321.	3.8	8
54	Beneficial effects of non-quinazoline Î±1-adrenolytics on hypertension and altered metabolism in fructose-fed rats. AÂcomparison with prazosin. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 751-760.	2.6	8

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55	Synthesis and antimycobacterial assay of some xanthone derivatives. Acta Poloniae Pharmaceutica, 2008, 65, 21-8.	0.1	8
56	The study of the lipophilicity of some aminoalkanol derivatives with anticonvulsant activity. Biomedical Chromatography, 2010, 24, 1365-1372.	1.7	7
57	Anti-Helicobacter pylori activities of selected N-substituted cinnamamide derivatives evaluated on reference and clinical bacterial strains. Journal of Antibiotics, 2018, 71, 543-548.	2.0	7
58	Involvement of the NO/sGC/cGMP/K+ channels pathway in vascular relaxation evoked by two non-quinazoline Î±1-adrenoceptor antagonists. Biomedicine and Pharmacotherapy, 2018, 103, 157-166.	5.6	7
59	Synthesis and activity of di- or trisubstituted N -(phenoxyalkyl)- or N -{2-[2-(phenoxy)ethoxy]ethyl}piperazine derivatives on the central nervous system. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2039-2049.	2.2	7
60	Design, synthesis and evaluation of activity and pharmacokinetic profile of new derivatives of xanthone and piperazine in the central nervous system. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126679.	2.2	7
61	Preliminary evaluation of anticonvulsant activity of some aroxyacetamides and aroxyethylamines. Acta Poloniae Pharmaceutica, 2005, 62, 345-53.	0.1	7
62	MH-3: evidence for non-competitive antagonism towards the low-affinity site of Î²1-adrenoceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 743-752.	3.0	6
63	Rheological properties of young and aged erythrocytes in chronic venous disease patients with varicose veins. Clinical Hemorheology and Microcirculation, 2015, 60, 171-178.	1.7	6
64	Physicochemical and biological evaluation of a cinnamamide derivative R,Sâ€(2E)â€1â€(3â€hydroxypiperidinâ€1â€yl)â€3â€phenylpropâ€2â€enâ€1â€one (KMâ€608) for nervous system disorde Chemical Biology and Drug Design, 2017, 90, 244-253.	3.2	6
65	MH-76, a Novel Non-Quinazoline Î±1-Adrenoceptor Antagonist, but Not Prazosin Reduces Inflammation and Improves Insulin Signaling in Adipose Tissue of Fructose-Fed Rats. Pharmaceuticals, 2021, 14, 477.	3.8	6
66	The Involvement of Xanthone and (E)-Cinnamoyl Chromophores for the Design and Synthesis of Novel Sunscreening Agents. International Journal of Molecular Sciences, 2021, 22, 34.	4.1	6
67	Crystallographic studies of cinnamamide derivatives as a means of searching for anticonvulsant activity. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 953-959.	0.5	5
68	Synthesis and preliminary anti-inflammatory evaluation of xanthone derivatives. Heterocyclic Communications, 2018, 24, 231-236.	1.2	5
69	Cinnamamide pharmacophore for anticonvulsant activity: evidence from crystallographic studies. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 782-788.	0.5	5
70	Microbial biotransformation of some novel hydantoin derivatives: Perspectives for bioremediation of potential sunscreen agents. Chemosphere, 2019, 234, 108-115.	8.2	5
71	Influence of the position of the methyl substituent and N-oxide formation on the geometry and intermolecular interactions of 1-(phenoxyethyl)piperidin-4-ol derivatives. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 30-36.	0.5	5
72	Red blood cell deformability and aggregation in chronic venous disease patients with varicose veins. Postepy Higieny I Medycyny Doswiadczalnej, 2013, 67, 690-694.	0.1	5

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73	Novel Xanthone Derivatives Impair Growth and Invasiveness of Colon Cancer Cells In Vitro. Biomolecules, 2021, 11, 1480.	4.0	5
74	KM-416, a novel phenoxyalkylaminoalkanol derivative with anticonvulsant properties exerts analgesic, local anesthetic, and antidepressant-like activities. Pharmacodynamic, pharmacokinetic, and forced degradation studies. European Journal of Pharmacology, 2020, 886, 173540.	3.5	5
75	Preliminary assessment of mutagenic and anti-mutagenic potential of some aminoalkanolic derivatives of xanthone by use of the Vibrio harveyi assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 768, 8-13.	1.7	4
76	Skin metabolism established with the use of MetaSite for selected retinoids employed in topical and systemic treatment of various skin disorders and found in cosmeceuticals. Acta Biochimica Polonica, 2015, 62, 201-206.	0.5	4
77	Anticonvulsant Activity of Enantiomeric Nâ€transâ€Cinnamoyl Derivatives of 2â€Aminopropanâ€1â€ols and 2â€Aminobutanâ€1â€ols. Chirality, 2016, 28, 482-488.	2.6	4
78	Synthesis of N â€(phenoxyalkyl)â€, N â€{2â€[2â€(phenoxy)ethoxy]ethyl}â€•or N â€(phenoxyacetyl)piperazine Derivatives and Their Activity Within the Central Nervous System. ChemistrySelect, 2019, 4, 9381-9391.	1.5	4
79	Anticonvulsant and analgesic in neuropathic pain activity in a group of new aminoalkanol derivatives. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127325.	2.2	4
80	Synthesis and Evaluation of the Antidepressant-like Properties of HBK-10, a Novel 2-Methoxyphenylpiperazine Derivative Targeting the 5-HT1A and D2 Receptors. Pharmaceuticals, 2021, 14, 744.	3.8	4
81	The influence of some aminoalkanolic xanthone derivatives on central nervous and cardiovascular systems in rodents. Bollettino Chimico Farmaceutico, 2004, 143, 267-74.	0.1	4
82	The Influence of some Xanthone Derivatives on the Activity of J-774A.1 Cells. Scientia Pharmaceutica, 2009, 77, .	2.0	3
83	Four N-(E)-cinnamoyl (cinnamamide) derivatives of aminoalkanols with promising anticonvulsant and analgesic activity. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1298-1303.	2.2	3
84	S(+)-(2E)-N-(2-Hydroxypropyl)-3-Phenylprop-2-Enamide (KM-568): A Novel Cinnamamide Derivative with Anticonvulsant Activity in Animal Models of Seizures and Epilepsy. International Journal of Molecular Sciences, 2020, 21, 4372.	4.1	3
85	The Nitric Oxide/Soluble Cyclic Guanylase/Cyclic Guanosine Monophosphate Pathway Is Involved in the Cardiovascular Effects of a Novel Î±₁- and Î²-Adrenoceptor Antagonist. Pharmacology, 2014, 94, 287-295.	2.2	2
86	The antidepressant-like activity of chiral xanthone derivatives may be mediated by 5-HT1A receptor and Î²-arrestin signalling. Journal of Psychopharmacology, 2020, 34, 1431-1442.	4.0	2
87	Synthesis and Anticonvulsant Activity of N-(trans)- 3-phenylprop-2-en-1-yl (Cinnamyl) Derivatives of Aminoalkanols. Letters in Drug Design and Discovery, 2014, 11, 1040-1052.	0.7	2
88	Influence of New Synthetic Xanthones on the Proliferation and Migration Potential of Cancer Cell Lines In Vitro. Anti-Cancer Agents in Medicinal Chemistry, 2020, 19, 1949-1965.	1.7	2
89	Preliminary evaluation of anticonvulsant activity of some 4-(benzyloxy)-benzamides. Acta Poloniae Pharmaceutica, 2003, 60, 477-80.	0.1	2
90	Preliminary evaluation of anticonvulsant activity and neurotoxicity of some 1,4-substituted piperazine derivatives. Acta Poloniae Pharmaceutica, 2009, 66, 571-8.	0.1	2

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91	Synthesis and Evaluation of Anticonvulsant Activity of Some N-[(4-Chlor- 2-methylphenoxy)ethyl]- and N-[(4-Chlor-2-methylphenoxy)acetyl]aminoalkanols. Letters in Drug Design and Discovery, 2012, 10, 35-43.	0.7	1
92	The conformational analyses of 2-amino-N-[2-(dimethylphenoxy)ethyl]propan-1-ol derivatives in different environments. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 681-689.	0.5	1
93	PRELIMINARY EVALUATION OF CENTRAL NERVOUS SYSTEM ACTIVITY OF (E)-N-2-METHYL-3-PHENYLPROP-2-ENYL ((E)-N- Î±-METHYLCINNAMYL) DERIVATIVES OF SELECTED AMINOALKANOLS. Acta Poloniae Pharmaceutica, 2016, 73, 345-57.	0.1	1
94	Design, Synthesis and Anticonvulsant Activity of New Phenoxyalkyl, Phenoxyethoxyethyl and Phenoxyacetyl Derivatives of Aminoalkanols. ChemistrySelect, 2022, 7, .	1.5	1
95	Simultaneous LC/ESIâ€MS Separation Method for the Enantioseparation of Some New Anticonvulsant Drugs. Chirality, 2014, 26, 144-149.	2.6	0
96	Effect of some newly synthesized xanthone and piperazine derivatives with cardiovascular activity on rheology of human erythrocytes in vitro. Clinical Hemorheology and Microcirculation, 2017, 67, 1-14.	1.7	0
97	Surprising and unusual ingredients of modern cosmetics. Farmacja Polska, 2021, 77, 287-296.	0.1	0
98	Influence of protonation on the geometry of 2-{[(2,6-dimethylphenoxy)ethyl]amino}-1-phenylethan-1-ol: crystal structures of the free base and of its chloride and 3-hydroxybenzoate salt forms. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 14-22.	0.5	0