Anna Rapacz

List of Publications by Year in descending order

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59	937	471061	525886
papers	citations	17 h-index	27 g-index

59	59	59	864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. Pharmacological Reports, 2016, 68, 263-274.	1.5	63
2	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.	1.5	50
3	Design, Synthesis, and Anticonvulsant Activity of New Hybrid Compounds Derived from 2-(2,5-Dioxopyrrolidin-1-yl)propanamides and 2-(2,5-Dioxopyrrolidin-1-yl)butanamides. Journal of Medicinal Chemistry, 2015, 58, 5274-5286.	2.9	45
4	Preliminary evaluation of pharmacological properties of some xanthone derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 1345-1352.	1.4	41
5	Design, synthesis and biological evaluation of new hybrid anticonvulsants derived from N-benzyl-2-(2,5-dioxopyrrolidin-1-yl)propanamide and 2-(2,5-dioxopyrrolidin-1-yl)butanamide derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 2548-2561.	1.4	41
6	Antidepressant- and Anxiolytic-Like Effects of New Dual 5-HT1A and 5-HT7 Antagonists in Animal Models. PLoS ONE, 2015, 10, e0142499.	1.1	39
7	Synthesis and preliminary evaluation of pharmacological properties of some piperazine derivatives of xanthone. Bioorganic and Medicinal Chemistry, 2013, 21, 514-522.	1.4	37
8	Design, synthesis and biological activity of new amides derived from 3-methyl-3-phenyl-2,5-dioxo-pyrrolidin-1-yl-acetic acid. European Journal of Medicinal Chemistry, 2015, 102, 14-25.	2.6	33
9	Antidepressant-like activity of a new piperazine derivative of xanthone in the forced swim test in mice: The involvement of serotonergic system. Pharmacological Reports, 2015, 67, 160-165.	1.5	32
10	Synthesis, and anticonvulsant activity of new amides derived from 3-methyl- or 3-ethyl-3-methyl-2,5-dioxo-pyrrolidin-1-yl-acetic acids. Bioorganic and Medicinal Chemistry, 2016, 24, 1598-1607.	1.4	25
11	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.	1.7	23
12	Anticonvulsant and antinociceptive activity of new amides derived from 3-phenyl-2,5-dioxo-pyrrolidine-1-yl-acetic acid in mice. European Journal of Pharmacology, 2016, 781, 239-249.	1.7	22
13	New hybrid molecules with anticonvulsant and antinociceptive activity derived from 3-methyl- or 3,3-dimethyl-1-[1-oxo-1-(4-phenylpiperazin-1-yl)propan-2-yl]pyrrolidine-2,5-diones. Bioorganic and Medicinal Chemistry, 2016, 24, 606-618.	1.4	22
14	Evaluation of anticonvulsant and antinociceptive properties of new N-Mannich bases derived from pyrrolidine-2,5-dione and 3-methylpyrrolidine-2,5-dione. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 339-348.	1.4	20
15	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.	0.4	20
16	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.	1.4	19
17	Multitargeted Compounds Derived from (2,5-Dioxopyrrolidin-1-yl)(phenyl)-Acetamides as Candidates for Effective Anticonvulsant and Antinociceptive Agents. ACS Chemical Neuroscience, 2020, 11, 1996-2008.	1.7	19
18	Synthesis, biological evaluation and structureâ€“activity relationship of new GABA uptake inhibitors, derivatives of 4-aminobutanamides. European Journal of Medicinal Chemistry, 2014, 83, 256-273.	2.6	17

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19	Cardiovascular activity of the chiral xanthone derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 6714-6724.	1.4	17
20	Design, synthesis and anticonvulsant activity of new hybrid compounds derived from N -phenyl-2-(2,5-dioxopyrrolidin-1-yl)-propanamides and -butanamides. Bioorganic and Medicinal Chemistry, 2016, 24, 2938-2946.	1.4	17
21	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.	1.3	17
22	Synthesis and evaluation of anticonvulsant properties of new N -Mannich bases derived from pyrrolidine-2,5-dione and its 3-methyl-, 3-isopropyl, and 3-benzhydryl analogs. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1412-1415.	1.0	17
23	N-Benzyl-(2,5-dioxopyrrolidin-1-yl)propanamide (AS-1) with Hybrid Structure as a Candidate for a Broad-Spectrum Antiepileptic Drug. Neurotherapeutics, 2020, 17, 309-328.	2.1	17
24	Synthesis, Physicochemical, and Anticonvulsant Properties of New Nâ€Mannich Bases Derived from Pyrrolidineâ€2,5â€dione and Its 3â€Methyl Analog. Archiv Der Pharmazie, 2014, 347, 768-776.	2.1	16
25	Synthesis and anticonvulsant activity of new N-mannich bases derived from benzhydryl- and isopropyl-pyrrolidine-2,5-dione. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1038-1047.	2.5	15
26	Analgesic, antiallodynic, and anticonvulsant activity of novel hybrid molecules derived from N-benzyl-2-(2,5-dioxopyrrolidin-1-yl)propanamide and 2-(2,5-dioxopyrrolidin-1-yl)butanamide in animal models of pain and epilepsy. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 567-579.	1.4	15
27	Antinociceptive properties of N-Mannich bases derived from 3-substituted pyrrolidine-2,5-dione in the formalin model of persistent pain in mice. Pharmacological Reports, 2015, 67, 63-68.	1.5	14
28	HBK-14 and HBK-15, triple 5-HT 1A , 5-HT 7 and 5-HT 3 antagonists with potent antidepressant- and anxiolytic-like properties, increase seizure threshold in various seizure tests in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 378-385.	2.5	14
29	Antiallodynic and antihyperalgesic activity of new 3,3-diphenyl-propionamides with anticonvulsant activity in models of pain in mice. European Journal of Pharmacology, 2018, 821, 39-48.	1.7	13
30	Synthesis, Anticonvulsant and Antinociceptive Activity of New Hybrid Compounds: Derivatives of 3-(3-Methylthiophen-2-yl)-pyrrolidine-2,5-dione. International Journal of Molecular Sciences, 2020, 21, 5750.	1.8	12
31	Antiarrhythmic, hypotensive and Î±1-adrenolytic properties of new 2-methoxyphenylpiperazine derivatives of xanthone. European Journal of Pharmacology, 2014, 735, 10-16.	1.7	11
32	Synthesis and evaluation of anticonvulsant properties of new N-Mannich bases derived from 3-(1-phenylethyl)- and 3-benzyl-pyrrolidine-2,5-dione. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2147-2151.	1.0	11
33	Novel mouse GABA uptake inhibitors with enhanced inhibitory activity toward mGAT3/4 and their effect on pain threshold in mice. European Journal of Medicinal Chemistry, 2020, 188, 111920.	2.6	11
34	Design, synthesis and anticonvulsant-analgesic activity of new N-[(phenoxy)alkyl]- and N-[(phenoxy)ethoxyethyl]aminoalkanols. MedChemComm, 2017, 8, 220-238.	3.5	10
35	Evaluation of anticonvulsant and analgesic activity of new hybrid compounds derived from N -phenyl-2-(2,5-dioxopyrrolidin-1-yl)-propanamides and â€"butanamides. Epilepsy Research, 2018, 143, 11-19.	0.8	10
36	Synthesis, Anticonvulsant, and Antinociceptive Activity of New 3-(2-Chlorophenyl)- and 3-(3-Chlorophenyl)-2,5-dioxo-pyrrolidin-1-yl-acetamides. Molecules, 2021, 26, 1564.	1.7	10

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37	Antiarrhythmic activity of some xanthone derivatives with Î²1-adrenoceptor affinities in rats. European Journal of Pharmacology, 2014, 738, 14-21.	1.7	9
38	Antiarrhythmic activity of new 2-methoxyphenylpiperazine xanthone derivatives after ischemia/reperfusion in rats. Pharmacological Reports, 2015, 67, 1163-1167.	1.5	9
39	KAâ€104, a new multitargeted anticonvulsant with potent antinociceptive activity in preclinical models. Epilepsia, 2020, 61, 2119-2128.	2.6	9
40	Biofunctional studies of new 2-methoxyphenylpiperazine xanthone derivatives with Î±1-adrenolytic properties. Pharmacological Reports, 2015, 67, 267-274.	1.5	8
41	Synthesis and Anticonvulsant Properties of New 3,3â€Diphenylâ€2,5â€dioxoâ€pyrrolidinâ€1â€ylâ€acetamides and 3,3â€Diphenylâ€propionamides. Archiv Der Pharmazie, 2017, 350, 1600368.	2.1	7
42	Synthesis and Determination of Lipophilicity, Anticonvulsant Activity, and Preliminary Safety of 3â€Substituted and 3â€Unsubstituted Nâ€[(4â€Arylpiperazinâ€1â€yl)alkyl]pyrrolidineâ€2,5â€dione Derivatives. ChemMedChem, 2017, 12, 1848-1856.	3.6	7
43	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.	1.0	7
44	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.	1.0	7
45	Asymmetric synthesis and in vivo/in vitro characterization of new hybrid anticonvulsants derived from (2,5-dioxopyrrolidin-1-yl)phenylacetamides. Bioorganic Chemistry, 2021, 109, 104751.	2.0	6
46	Novel Functionalized Amino Acids as Inhibitors of GABA Transporters with Analgesic Activity. ACS Chemical Neuroscience, 2021, 12, 3073-3100.	1.7	6
47	Development of tricyclic N-benzyl-4-hydroxybutanamide derivatives as inhibitors of GABA transporters mGAT1-4 with anticonvulsant, antinociceptive, and antidepressant activity. European Journal of Medicinal Chemistry, 2021, 221, 113512.	2.6	6
48	Synthesis and pharmacological evaluation of novel N-Mannich bases derived from 5,5-diphenyl and 5,5-di(propan-2-yl)imidazolidine-2,4-dione core. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2387-2392.	1.0	5
49	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.	1.7	5
50	Identification of New Compounds with Anticonvulsant and Antinociceptive Properties in a Group of 3-substituted (2,5-dioxo-pyrrolidin-1-yl)(phenyl)-Acetamides. International Journal of Molecular Sciences, 2021, 22, 13092.	1.8	5
51	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.	0.7	4
52	Analgesic and antiallodynic activity of novel anticonvulsant agents derived from 3-benzhydryl-pyrrolidine-2,5-dione in mouse models of nociceptive and neuropathic pain. European Journal of Pharmacology, 2020, 869, 172890.	1.7	4
53	Anticonvulsant and analgesic in neuropathic pain activity in a group of new aminoalkanol derivatives. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127325.	1.0	4
54	Synthesis, anticonvulsant, and antinociceptive activity of new 3â€(3â€methylâ€2,5â€dioxoâ€3â€phenylpyrrolidinâ€1â€yl)propanamides and 3â€phenylâ€butanamides. Archiv Der Pharmazie, 2021, 354, e2000225.	2.1	4

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55	Design, Synthesis and Biological Activity of New Amides Derived from 3â€Benzhydryl and 3â€•sec â€Butylâ€2,5â€dioxoâ€pyrrolidinâ€1â€ylâ€acetic Acid. ChemMedChem, 2021, 16, 1619-1630.	1.6	4
56	The Search for New Anticonvulsants in a Group of (2,5-Dioxopyrrolidin-1-yl)(phenyl)Acetamides with Hybrid Structureâ€"Synthesis and In Vivo/In Vitro Studies. International Journal of Molecular Sciences, 2020, 21, 8780.	1.8	3
57	ADVANCES AND LIMITATIONS IN PHARMACOTHERAPY OF EPILEPSY. Acta Poloniae Pharmaceutica, 2018, 75, 1069-1082.	0.3	1
58	Antinociceptive and Antiallodynic Activity of Some 3-(3-Methylthiophen-2-yl)pyrrolidine-2,5-dione Derivatives in Mouse Models of Tonic and Neuropathic Pain. International Journal of Molecular Sciences, 2022, 23, 4057.	1.8	1
59	Design, Synthesis and Anticonvulsant Activity of New Phenoxyalkyl, Phenoxyethoxyethyl and Phenoxyacetyl Derivatives of Aminoalkanols. ChemistrySelect, 2022, 7, .	0.7	1