

Rusli B Ismail

List of Publications by Year in descending order

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70
papers

1,075
citations

393982

19
h-index

454577

30
g-index

77
all docs

77
docs citations

77
times ranked

1532
citing authors

#	ARTICLE	IF	CITATIONS
1	Substituted spiro [2.3] oxindolespiro [3.2]-5,6-dimethoxy-indane-1-one-pyrrolidine analogue as inhibitors of acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7064-7066.	1.0	129
2	Impact of CYP2D6 Genetic Polymorphism on Tramadol Pharmacokinetics and Pharmacodynamics. <i>Molecular Diagnosis and Therapy</i> , 2007, 11, 171-181.	1.6	71
3	AChE inhibitor : A regio- and stereo-selective 1,3-dipolar cycloaddition for the synthesis of novel substituted 5,6-dimethoxy spiro[5.3]-oxindole-spiro-[6.3]-2,3-dihydro-1H-inden-1-one-7-(substituted) Tj $\frac{10784314}{51}$ 508-511.	1.0	43
4	In vitro modulatory effects of <i>Andrographis paniculata</i> , <i>Centella asiatica</i> and <i>Orthosiphon stamineus</i> on cytochrome P450 2C19 (CYP2C19). <i>Journal of Ethnopharmacology</i> , 2011, 133, 881-887.	2.0	47
5	A facile three-component [3+2]-cycloaddition for the regioselective synthesis of highly functionalised dispiropyrrrolidines acting as antimycobacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1383-1386.	1.0	43
6	In vitro modulatory effects on three major human cytochrome P450 enzymes by multiple active constituents and extracts of <i>Centella asiatica</i> . <i>Journal of Ethnopharmacology</i> , 2010, 130, 275-283.	2.0	42
7	Antimycobacterial activity: A facile three-component [3+2]-cycloaddition for the regioselective synthesis of highly functionalised dispiropyrrrolidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4930-4933.	1.0	40
8	Synthesis and evaluation of antimycobacterial activity of new benzimidazole aminoesters. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 614-624.	2.6	38
9	Influence of Cytochrome P450, Family 2, Subfamily D, Polypeptide 6 (CYP2D6) Polymorphisms on Pain Sensitivity and Clinical Response to Weak Opioid Analgesics. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 29-43.	1.1	35
10	Facile, Regio- and Diastereoselective Synthesis of Spiro-Pyrrolidine and Pyrrolizine Derivatives and Evaluation of Their Antiproliferative Activities. <i>Molecules</i> , 2014, 19, 10033-10055.	1.7	35
11	Better retention of Malaysian opiate dependents treated with high dose methadone in methadone maintenance therapy. <i>Harm Reduction Journal</i> , 2010, 7, 30.	1.3	30
12	In vitro determination of the effect of <i>Andrographis paniculata</i> extracts and andrographolide on human hepatic cytochrome P450 activities. <i>Journal of Natural Medicines</i> , 2011, 65, 440-447.	1.1	28
13	A facile three-component [3+2]-cycloaddition/annulation domino protocol for the regio- and diastereoselective synthesis of novel penta- and hexacyclic cage systems, involving the generation of two heterocyclic rings and five contiguous stereocenters. <i>Tetrahedron</i> , 2011, 67, 3132-3139.	1.0	25
14	Heterologous Expression of Human Cytochromes P450 2D6 and CYP3A4 in <i>Escherichia coli</i> and Their Functional Characterization. <i>Protein Journal</i> , 2011, 30, 581-591.	0.7	24
15	Functional Role of Ile264 in CYP2C8: Mutations Affect Haem Incorporation and Catalytic Activity. <i>Drug Metabolism and Pharmacokinetics</i> , 2008, 23, 165-174.	1.1	22
16	In vitro effects of active constituents and extracts of <i>Orthosiphon stamineus</i> on the activities of three major human cDNA-expressed cytochrome P450 enzymes. <i>Chemico-Biological Interactions</i> , 2011, 190, 1-8.	1.7	22
17	Synthesis and discovery of novel hexacyclic cage compounds as inhibitors of acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3997-4000.	1.0	21
18	A regio- and stereoselective 1,3-dipolar cycloaddition for the synthesis of new-fangled dispiropyrrrolothiazoles as antimycobacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7418-7421.	1.0	21

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19	Influence of DRD2 polymorphisms on the clinical outcomes of patients with schizophrenia. <i>Psychiatric Genetics</i> , 2011, 21, 183-189.	0.6	20
20	Genetic polymorphism of CYP2D6: Malaysian Indians have the highest frequency for CYP2D6*4 in Asia. <i>European Journal of Clinical Pharmacology</i> , 2001, 57, 617-618.	0.8	18
21	In vitro modulatory effects of flavonoids on human cytochrome P450 2C8 (CYP2C8). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 495-502.	1.4	18
22	Relationship between ABCB1 polymorphisms and serum methadone concentration in patients undergoing methadone maintenance therapy (MMT). <i>American Journal of Drug and Alcohol Abuse</i> , 2016, 42, 587-596.	1.1	17
23	Inhibitory effects of cytochrome P450 enzymes CYP2C8, CYP2C9, CYP2C19 and CYP3A4 by <i>Labisia pumila</i> extracts. <i>Journal of Ethnopharmacology</i> , 2012, 143, 586-591.	2.0	16
24	Antituberculosis: Synthesis and Antimycobacterial Activity of Novel Benzimidazole Derivatives. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	16
25	Comparison of Pain Tolerance between Opioid Dependent Patients on Methadone Maintenance Therapy (MMT) and Opioid Naive Individuals. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 19, 127.	0.9	16
26	The AC/AG Diplotype for the 118A>G and IVS2+691G>C Polymorphisms of OPRM1 Gene is Associated with Sleep Quality Among Opioid-Dependent Patients on Methadone Maintenance Therapy. <i>Pain and Therapy</i> , 2016, 5, 43-54.	1.5	13
27	Prevalence and Correlates of HIV and Hepatitis C Virus Infections and Risk Behaviors among Malaysian Fishermen. <i>PLoS ONE</i> , 2015, 10, e0118422.	1.1	13
28	Relationship between cold pressor pain-sensitivity and sleep quality in opioid-dependent males on methadone treatment. <i>PeerJ</i> , 2015, 3, e839.	0.9	13
29	Effect of eurycomanone on cytochrome P450 isoforms CYP1A2, CYP2A6, CYP2C8, CYP2C9, CYP2C19, CYP2E1 and CYP3A4 in vitro. <i>Journal of Natural Medicines</i> , 2014, 68, 402-406.	1.1	12
30	In vitro effect of important herbal active constituents on human cytochrome P450 1A2 (CYP1A2) activity. <i>Phytomedicine</i> , 2014, 21, 1645-1650.	2.3	11
31	Sleep quality in opioid-naive and opioid-dependent patients on methadone maintenance therapy in Malaysia. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 1743-1748.	0.4	11
32	Report: Demographic profiles and sleep quality among patients on methadone maintenance therapy (MMT) in Malaysia. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 239-46.	0.2	11
33	In vitro approaches to investigate cytochrome P450 activities: update on current status and their applicability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 1097-1113.	1.5	10
34	Tualang honey supplementation as cognitive enhancer in patients with schizophrenia. <i>Heliyon</i> , 2020, 6, e03948.	1.4	10
35	Functional Characterization of Cytochrome P450 2A6 Allelic Variants CYP2A6*15, CYP2A6*16, CYP2A6*21, and CYP2A6*22. <i>Drug Metabolism and Disposition</i> , 2010, 38, 745-751.	1.7	9
36	In-vitro inhibitory effect of Tualang honey on cytochrome P450 2C8 activity. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1761-1769.	1.2	8

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37	The Opposing Roles of IVS2+691 CC Genotype and AC/AG Diplotype of 118A>G and IVS2+691G>C of OPRM1 Polymorphisms in Cold Pain Tolerance Among Opioid-Dependent Malay Males on Methadone Therapy. <i>Pain and Therapy</i> , 2015, 4, 179-196.	1.5	8
38	Relationship between CYP2B6*6 and cold pressor pain sensitivity in opioid dependent patients on methadone maintenance therapy (MMT). <i>Drug and Alcohol Dependence</i> , 2016, 165, 143-150.	1.6	7
39	ABCB1 Polymorphisms and Cold Pressor Pain Responses. <i>Nursing Research</i> , 2017, 66, 134-144.	0.8	7
40	Inhibitory Potency of 8-Methoxypsoralen on Cytochrome P450 2A6 (CYP2A6) Allelic Variants CYP2A6*15, CYP2A6*16, CYP2A6*21 and CYP2A6*22: Differential Susceptibility Due to Different Sequence Locations of the Mutations. <i>PLoS ONE</i> , 2014, 9, e86230.	1.1	7
41	4-[[5-(4-Fluorophenyl)pyridin-3-yl]-1-methylspiro[indan-2,2'-pyrrolidine-3,2'-indan]-1,3,1'-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2381-o2382.	0.2	6
42	Relationship Between ABCB1 Polymorphisms and Cold Pain Sensitivity Among Healthy Opioid-naïve Malay Males. <i>Pain Practice</i> , 2017, 17, 930-940.	0.9	6
43	Inhibition of human cytochrome p450 2c8-catalyzed amodiaquine n-desethylation: Effect of five traditionally and commonly used herbs. <i>Pharmacognosy Research (discontinued)</i> , 2016, 8, 292.	0.3	6
44	The Effect of CYP2B6, CYP2D6, and CYP3A4 Alleles on Methadone Binding: A Molecular Docking Study. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	0.9	5
45	Relationship between Serum Methadone Concentration and Cold Pressor Pain Sensitivity in Patients Undergoing Methadone Maintenance Therapy. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 8-16.	0.3	5
46	5,6-Dimethoxy-4-diphenylindane-2-spiro-3-pyrrolidine-2-spiro-3-indoline-1,2-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2533-o2534.	0.2	4
47	(E)-2-(3-Chlorobenzylidene)-5,6-dimethoxy-2,3-dihydro-1H-inden-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2864-o2864.	0.2	4
48	(E)-2-[4-(Piperidin-1-yl)benzylidene]-2,3-dihydro-1H-inden-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2878-o2878.	0.2	4
49	Impact of Opioid Receptor, Mu 1 (OPRM1) Polymorphisms on Pain Sensitivity and Clinical Response to Opioid Analgesic Therapy. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2013, 11, 59-75.	0.2	4
50	(2E)-2-Benzylidene-5,6-dimethoxyindan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2531-o2532.	0.2	3
51	(E)-5,6-Dimethoxy-2-(pyridin-4-ylmethylidene)-2,3-dihydro-1H-inden-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2753-o2753.	0.2	3
52	(E)-2-(3,4-Dimethoxybenzylidene)-5,6-dimethoxy-2,3-dihydro-1H-inden-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2875-o2875.	0.2	3
53	2-[(E)-4-(Dimethylamino)benzylidene]indan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1983-o1984.	0.2	3
54	Antimycobacterial Activity: Synthesis and Biological Evaluation of Novel Substituted (3E,5E)-3,5-diarylidene-1-phenethylpiperidine-4-one Derivatives. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 471-476.	0.4	3

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55	Methadone Maintenance Therapy (MMT) in Malaysia: An observational clinical study. <i>Australasian Medical Journal</i> , 2017, 10, .	0.1	3
56	Thymoquinone: From to a protective pharmacological compound in managing opioid dependence and amphetamine type stimulant issues. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 849-852.	1.0	3
57	Antimycobacterial activity: synthesis of novel 3-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (phenyl)-6,7-dimethoxy-2-methyl-1H-imidazo[4,5-b]pyridine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 598-602.	2.5	2
58	4-(4-Bromophenyl)-1-methylspiro[indan-2,2'-pyrrolidine-3,2'-indan]-1,3,1'-trione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3124-o3124.	0.2	2
59	(E)-2-(4-Bromobenzylidene)indan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2306-o2307.	0.2	2
60	Synthesis of Highly Functionalised Dispiropyrrrolidine Derivatives as Novel Acetylcholinesterase Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2013, 11, 156-161.	0.4	2
61	(E)-2-[4-(Trifluoromethoxy)benzylidene]indan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2147-o2147.	0.2	1
62	7-(4-(Trifluoromethyl)phenyl)-5,6,7,7a'-tetrahydrodispiro[indan-2,5'-pyrrolo[1,2-c][1,3]thiazole-6,2'-indan]-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3293-o3294.	0.2	1
63	Synthesis and biological evaluation of novel 6,7-dimethoxy-3-(4-pyridyl)-2,3,3a,4-tetrahydroindeno[1,2-c]pyrazol-2-yl-4-substituted phenylmethanone/ethanone derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 155-159.	2.5	1
64	CYP2B6 and OPRM1 Receptor Polymorphisms at Methadone Clinics And Novel OPRM1 Haplotypes: A Cross-Sectional Study. <i>Drug Metabolism Letters</i> , 2016, 10, 213-218.	0.5	1
65	Prevalence and risk factors in metabolic syndrome among Temiar in Kelantan. <i>International Journal of Diabetes in Developing Countries</i> , 2021, 41, 228-234.	0.3	1
66	Influence of DRD2 polymorphisms on the clinical outcomes of opioiddependent patients on methadone maintenance therapy. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020, 12, 787.	0.2	1
67	A Nested Allele-Specific Multiplex Polymerase Chain Reaction Method for the Detection of DRD2 Polymorphisms. <i>The Malaysian Journal of Medical Sciences</i> , 2011, 18, 44-57.	0.3	1
68	Discovery of novel methanone derivatives acting as antimycobacterial agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 890-894.	2.5	0
69	Ethyl 1-[2-(morpholin-4-yl)ethyl]-2-[4-(morpholin-4-yl)phenyl]-1H-1,3-benzimidazole-5-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1772-o1772.	0.2	0
70	Antimycobacterial Agents: Synthesis and Biological Evaluation of Novel 4-(Substituted-phenyl)-6-methyl-2-oxo-N-(pyridin-2-yl)-1,2,3,4-tetrahydropyrimidine- 5-carboxamide Derivatives by Using One-pot Multicomponent Method. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 953-957.	0.4	0