

Formalin test in mice, a useful technique for evaluating

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Acetylsalicylic acid, paracetamol and morphine inhibit behavioral responses to intrathecally administered substance P or capsaicin. <i>Life Sciences</i> , 1985, 37, 1835-1841.	2.0	84
2	Antinociceptive effects of orphenadrine citrate in mice. <i>European Journal of Pharmacology</i> , 1985, 111, 221-226.	1.7	23
3	A modified hot-plate test sensitive to mild analgesics. <i>Behavioural Brain Research</i> , 1986, 21, 101-108.	1.2	162
4	POSTER COMMUNICATIONS. <i>British Journal of Pharmacology</i> , 1986, 89, 574P.	2.7	1
5	Dissociation between antinociceptive and anti-inflammatory effects of acetylsalicylic acid and indomethacin in the formalin test. <i>Pain</i> , 1986, 25, 125-132.	2.0	153
6	Intrathecal injection of capsaicin can be used as a behavioural nociceptive test in mice. <i>Neuropharmacology</i> , 1986, 25, 1149-1153.	2.0	19
7	Lesions of the ascending serotonergic pathways and antinociceptive effects after systemic administration of p-chloroamphetamine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1986, 24, 709-714.	1.3	25
8	Changes in nociception after acute and chronic administration of zimelidine: Different effects in the formalin test and the substance p behavioural assay. <i>Neuropharmacology</i> , 1987, 26, 309-312.	2.0	18
9	Test-dependent changes in nociception after administration of the putative serotonin antagonist metitepin in mice. <i>Neuropharmacology</i> , 1987, 26, 1121-1126.	2.0	13
10	Involvement of central serotonergic pathways in nefopam-induced antinociception. <i>European Journal of Pharmacology</i> , 1987, 138, 77-82.	1.7	53
11	The formalin test in mice: dissociation between inflammatory and non-inflammatory pain. <i>Pain</i> , 1987, 30, 103-114.	2.0	1,731
12	Development of tolerance to the antinociceptive effect of metergoline. <i>Psychopharmacology</i> , 1987, 93, 16-18.	1.5	5
13	Similar Effects of Acetylsalicylic Acid and Morphine on Immediate Responses to Acute Noxious Stimulation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1987, 60, 167-170.	0.0	24
14	The Effect of Diazepam on Nociception in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1987, 61, 111-115.	0.0	43
15	Increased reactivity to chemical but not to heat noxious stimuli in mice producing anti-idiotypic antibodies for substance P. <i>Brain Research</i> , 1988, 460, 389-393.	1.1	12
16	Increase in extracellular potassium level in rat spinal dorsal horn induced by noxious stimulation and peripheral injury. <i>Brain Research</i> , 1988, 458, 97-105.	1.1	41
17	Methodological refinements to the mouse paw formalin test. <i>Journal of Pharmacological Methods</i> , 1988, 20, 175-186.	0.7	175
18	Modification of the antinociceptive effect of morphine by acute and chronic administration of clomipramine in mice. <i>Pain</i> , 1988, 33, 349-355.	2.0	30

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19	Systemic administration of naloxone produces analgesia in BALB/c mice in the formalin pain test. <i>Neuroscience Letters</i> , 1988, 84, 103-107.	1.0	41
20	Naloxone blocks the formalin-induced increase of substance P in the dorsal horn. <i>Pain</i> , 1989, 38, 339-345.	2.0	24
21	Application of the formalin test to the study of orofacial pain in the rat. <i>Neuroscience Letters</i> , 1989, 103, 349-353.	1.0	183
22	Modified formalin test: characteristic biphasic pain response. <i>Pain</i> , 1989, 38, 347-352.	2.0	789
23	Antinociceptive effects of serotonergic reuptake inhibitors in mice. <i>Neuropharmacology</i> , 1989, 28, 1363-1366.	2.0	28
24	Mechanisms of orphenadrine-induced antinociception in mice: a role for serotonergic pathways. <i>European Journal of Pharmacology</i> , 1989, 160, 83-91.	1.7	7
25	Analgesia produced by normal doses of opioid antagonists alone and in combination with morphine. <i>Pain</i> , 1989, 36, 103-109.	2.0	51
26	Diazepam Attenuates Morphine Antinociception Test-Independently in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1990, 66, 382-386.	0.0	101
27	Use of anti-idiotypic antibodies as probes for in vitro and in vivo identification of substance P receptor. <i>Molecular and Chemical Neuropathology</i> , 1990, 12, 71-82.	1.0	1
28	Formalin nociception in the mouse does not lead to increased spinal serotonin turnover. <i>Neuroscience Letters</i> , 1990, 108, 132-137.	1.0	6
29	The formalin test in mice: effect of formalin concentration. <i>Pain</i> , 1990, 42, 235-242.	2.0	333
30	Time course of the alteration in dorsal horn substance p levels following formalin: blockade by naloxone. <i>Pain</i> , 1990, 41, 95-100.	2.0	35
31	Analgesia produced by intrathecal administration of the $\kappa$ opioid agonist, U-50,488H, on formalin-evoked cutaneous pain in the rat. <i>European Journal of Pharmacology</i> , 1990, 190, 287-293.	1.7	34
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33	Differential effect of a chemical algogen on two nociceptive thresholds. <i>Physiology and Behavior</i> , 1990, 47, 907-910.	1.0	11
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35	Systemic capsaicin and olvanil reduce the acute algogenic and the late inflammatory phase following formalin injection into rodent paw. <i>Pain</i> , 1991, 47, 79-83.	2.0	34
36	The formalin test in mice: the influence of ambient temperature. <i>Pain</i> , 1991, 45, 211-216.	2.0	99

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37	Neurokinin and NMDA antagonists (but not a kainic acid antagonist) are antinociceptive in the mouse formalin model. <i>Pain</i> , 1991, 44, 179-185.	2.0	140
38	Antinociceptive effect of paracetamol in rats is partly dependent on spinal serotonergic systems. <i>European Journal of Pharmacology</i> , 1991, 193, 193-201.	1.7	146
39	Release of substance P into the superficial dorsal horn following nociceptive activation of the hindpaw of the rat. <i>Brain Research</i> , 1991, 568, 109-115.	1.1	77
40	Orofacial pain sensitivity in adult rats following neonatal infraorbital nerve transection. <i>Behavioural Brain Research</i> , 1991, 46, 197-201.	1.2	10
41	Pharmacological Studies on Lappaconitine: Antinociception and Inhibition of the Spinal Action of Substance P and Somatostatin. <i>The Japanese Journal of Pharmacology</i> , 1991, 55, 523-530.	1.2	6
42	Application of the Formalin Test to the Study of Orofacial Pain in the Rat.. <i>Cephalalgia</i> , 1991, 11, 33-33.	1.8	0
43	Pharmacological properties of a potent and selective nonpeptide substance P antagonist.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 10208-10212.	3.3	396
44	Pharmacological Studies on Lappaconitine: Antinociception and Inhibition of the Spinal Action of Substance P and Somatostatin.. <i>The Japanese Journal of Pharmacology</i> , 1991, 55, 523-530.	1.2	17
45	Hyperbaric exposure and morphine alter the pattern of behavior in the formalin test. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 197-201.	1.3	11
46	Lesions of bulboâ€spinal serotonergic or noradrenergic pathways reduce nociception as measured by the formalin test. <i>Acta Physiologica Scandinavica</i> , 1991, 142, 229-236.	2.3	44
47	Standardization of the rat paw formalin test for the evaluation of analgesics. <i>Psychopharmacology</i> , 1991, 104, 35-44.	1.5	317
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49	In vivo catechol activity in the rat locus coeruleus following different nociceptive stimuli and naloxone. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 1082-1089.	0.7	22
50	Temporal processes of formalin pain: differential role of the cingulum bundle, fornix pathway and medial bulboreticular formation. <i>Pain</i> , 1992, 49, 257-271.	2.0	106
51	Differential antinociceptive effects of morphine and methyldorphine in the formalin test. <i>Pain</i> , 1992, 49, 415-418.	2.0	40
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53	GR94839, a Î²-opioid agonist with limited access to the central nervous system, has antinociceptive activity. <i>British Journal of Pharmacology</i> , 1992, 106, 783-789.	2.7	34
54	NMDA receptor antagonist MK-801 blocks non-opioid stress-induced analgesia in the formalin test. <i>Pain</i> , 1992, 50, 119-123.	2.0	42

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60	Analgesic and aversive effects of naloxone in BALB/c mice. <i>Experimental Neurology</i> , 1992, 117, 216-218.	2.0	20
61	Biological properties of 2,4-dioxo-3H-quinoline-3-carboxylic acid and its ethyl ester. <i>Pharmaceutical Chemistry Journal</i> , 1992, 26, 138-141.	0.3	0
62	Acute and Long Term Effects of 1-Methyl-4-phenyl-2,3,6-tetrahydropyridine (MPTP) in Tests of Nociception in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992, 70, 31-37.	0.0	28
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64	Î-Opioid receptor-mediated forced swimming stress-induced antinociception in the formalin test. <i>Psychopharmacology</i> , 1993, 113, 15-18.	1.5	16
65	NMDA receptor antagonists, MK-801 and ACEA-1011, prevent the development of tonic pain following subcutaneous formalin. <i>Brain Research</i> , 1993, 615, 331-334.	1.1	95
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72	Spatial and temporal aspects of spinal cord and brainstem activation in the formalin pain model. <i>Progress in Neurobiology</i> , 1993, 41, 565-607.	2.8	222

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80	Central antinociceptive effects of non-steroidal anti-inflammatory drugs and paracetamol. <i>Acta Anaesthesiologica Scandinavica</i> , 1995, 39, 7-44.	0.7	43
81	1,3-di-o-Tolylguanidine (DTG) differentially affects acute and tonic formalin pain: Antagonism by rimcazole. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 175-178.	1.3	12
82	Involvement of opioid receptors in the antinociception produced by intracerebroventricularly administered spantide in mice. <i>Neuropeptides</i> , 1995, 29, 293-299.	0.9	6
83	Analysis of the mechanisms underlying the antinociceptive effect of the extracts of plants from the genus <i>Phyllanthus</i> . <i>General Pharmacology</i> , 1995, 26, 1499-1506.	0.7	70
84	Anti-Inflammatory and Analgesic Activities from Roots of <i>Angelica pubescens</i> . <i>Planta Medica</i> , 1995, 61, 2-8.	0.7	280
85	Evidence for a peripheral origin of the tonic nociceptive response to subcutaneous formalin. <i>Pain</i> , 1995, 61, 11-16.	2.0	121
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88	Scratching behavior induced by pruritogenic but not algesciogenic agents in mice. <i>European Journal of Pharmacology</i> , 1995, 275, 229-233.	1.7	366
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90	The neurokinin-1 receptor antagonist, sendide, exhibits antinociceptive activity in the formalin test. <i>Pain</i> , 1995, 60, 175-180.	2.0	37

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93	Caffeine antinociception: role of formalin concentration and adenosine A1 and A2 receptors. <i>European Journal of Pharmacology</i> , 1996, 298, 105-111.	1.7	19
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102	A new automated method of pain scoring in the formalin test in rats. <i>Pain</i> , 1997, 71, 265-270.	2.0	59
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105	Effects of Sweetening Agents on Morphine-Induced Analgesia in Mice by Formalin Test. <i>General Pharmacology</i> , 1997, 29, 583-586.	0.7	35
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110	Modulation of the formalin-induced nociceptive response by diabetes: possible involvement of protein kinase C. <i>Brain Research</i> , 1998, 803, 198-203.	1.1	15
111	Acetylsalicylic acid potentiates the antinociceptive effect of morphine in the rat: involvement of the central serotonergic system. <i>European Journal of Pharmacology</i> , 1998, 355, 133-140.	1.7	22
112	Antinociceptive Effects of Morphine Were Different Between Experimental and Genetic Diabetes. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 60, 889-897.	1.3	14
113	Intrathecal administration of p-hydroxymercuribenzoate or phosphoramidon/bestatin-combined induces antinociceptive effects through different opioid mechanisms. <i>Neuropeptides</i> , 1998, 32, 411-415.	0.9	14
114	Analgesic profile of hydroalcoholic extract obtained from <i>Marrubium vulgare</i> . <i>Phytomedicine</i> , 1998, 5, 103-107.	2.3	53
115	Interaction between Calcium Channel Blockers and Sweetening Agents on Morphine-Induced Analgesia in Mice by Formalin Test. <i>General Pharmacology</i> , 1998, 31, 431-435.	0.7	9
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122	Ginsenosides induce differential antinociception and inhibit substance P induced-nociceptive response in mice. <i>Life Sciences</i> , 1998, 62, PL319-PL325.	2.0	40
123	TOLERANCE DEVELOPS TO THE ANTINOCICEPTIVE AND MOTOR IMPAIRING EFFECTS OF ACEA-1416, A NMDA RECEPTOR ANTAGONIST, IN THE FORMALIN AND ROTAROD TESTS IN MICE. <i>Pharmacological Research</i> , 1998, 37, 295-302.	3.1	6
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125	Generation and Analysis of GluR5(Q636R) Kainate Receptor Mutant Mice. <i>Journal of Neuroscience</i> , 1999, 19, 8757-8764.	1.7	68
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128	Effects of postnatal manipulation on nociception and morphine sensitivity in adult mice. <i>Developmental Brain Research</i> , 1999, 117, 15-20.	2.1	22
129	Allogenic mediator-induced nociceptive response in diabetic mice. <i>European Journal of Pharmacology</i> , 1999, 369, 319-323.	1.7	8
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132	Effects of dopaminergic agents on antinociception in formalin test. <i>General Pharmacology</i> , 1999, 32, 517-522.	0.7	33
133	Analgesic triterpenes from <i>Sebastiania schottiana</i> roots. <i>Phytomedicine</i> , 1999, 6, 41-44.	2.3	72
134	Central Effects of Non-Opioid Analgesics. <i>CNS Drugs</i> , 1999, 12, 337-345.	2.7	5
135	Heritability of nociception I: Responses of 11 inbred mouse strains on 12 measures of nociception. <i>Pain</i> , 1999, 80, 67-82.	2.0	581
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137	Antinociceptive effects of the tubercles of <i>Anredera leptostachys</i> . <i>Journal of Ethnopharmacology</i> , 1999, 68, 229-234.	2.0	16
138	Effects of CCK antagonists on GABA mechanism-induced antinociception in the formalin test. <i>European Neuropsychopharmacology</i> , 1999, 9, 9-14.	0.3	8
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144	Analysis of the antinociceptive properties of marrubiin isolated from <i>Marrubium vulgare</i> . <i>Phytomedicine</i> , 2000, 7, 111-115.	2.3	57

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146	Modulation of the formalin-induced nociceptive response by diabetes: possible involvement of intracellular calcium. <i>Brain Research</i> , 2000, 862, 257-261.	1.1	13
147	l3-naringenin-118-4â€²-OMe-eriodictyol: a New Potential Analgesic Agent Isolated from <i>Rheedia gardneriana</i> Leaves. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000, 55, 820-823.	0.6	28
148	Development of a Mouse Model of Neuropathic Pain Following Photochemically Induced Ischemia in the Sciatic Nerve. <i>Experimental Neurology</i> , 2000, 163, 231-238.	2.0	43
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689	Bioactive compounds, anti-inflammatory, anti-nociceptive and antioxidant potentials of ethanolic leaf fraction of <i>Sida linifolia</i> L. (Malvaceae). <i>Arabian Journal of Chemistry</i> , 2023, 16, 104398.	2.3	3
690	Novel Regioisomeric Analogues of Naphthyl-N-Acylhydrazone Derivatives and Their Anti-Inflammatory Effects. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13562.	1.8	1
691	Analgesic and anti-inflammatory potential of ethanolic extract from <i>Serjania erecta</i> leaves. <i>Journal of Ethnopharmacology</i> , 2023, 303, 116019.	2.0	0
692	<i>Tibouchina granulosa</i> Leaves Present Anti-Inflammatory Effect. <i>Pharmaceuticals</i> , 2022, 15, 1458.	1.7	0
693	The Toxicity and Therapeutic Efficacy of Mefenamic Acid and its Hydroxyethyl Ester in Mice: In Vivo Comparative Study: A promising Drug Derivative. <i>Jordan Journal of Pharmaceutical Sciences</i> , 2022, 15, 507-522.	0.2	0
694	Differential regulation of Ca <sup>v</sup> <sub>3.2</sub> and Ca <sup>v</sup> <sub>2.2</sub> calcium channels by CB <sub>1</sub> receptors and cannabidiol. <i>British Journal of Pharmacology</i> , 2023, 180, 1616-1633.	2.7	14
695	Differential Antinociceptive Efficacy of Peel Extracts and Lyophilized Juices of Three Varieties of Mexican Pomegranate ( <i>Punica granatum</i> L.) in the Formalin Test. <i>Plants</i> , 2023, 12, 131.	1.6	0
696	Heteroaromatic salvinorin A analogue (P-3 $\hat{A}$ ) elicits antinociceptive and anxiolytic-like effects. <i>F<math>\hat{A}</math>-toterap<math>\hat{A}</math>-<math>\hat{A}</math></i> , 2023, 167, 105488.	1.1	0