Similar articles for PMID: 20887267

98 results

1 Dimethyl sulfoxide as an excitatory modulator and its possible role in cancer pain management.
Hoang BX, Levine SA, Shaw DG, Tran DM, Tran HQ, Nguyen PM, Tran HD, Hoang C, Pham PT.
Inflamm Allergy Drug Targets. 2010 Sep;9(4):306-12. doi: 10.2174/187152810793358732.
PMID: 20887267 Review.

2 Dimethyl sulfoxide and sodium bicarbonate in the treatment of refractory cancer pain.
Hoang BX, Tran DM, Tran HQ, Nguyen PT, Pham TD, Dang HV, Ha TV, Tran HD, Hoang C, Luong KN, Shaw DG.
J Pain Palliat Care Pharmacother. 2011;25(1):19-24. doi: 10.3109/15360288.2010.536306.
PMID: 21426213 Clinical Trial.

3 Dimethyl sulfoxide suppresses NMDA- and AMPA-induced ion currents and calcium influx and protects against excitotoxic death in hippocampal neurons.
Lu C, Mattson MP.
Exp Neurol. 2001 Jul;170(1):180-5. doi: 10.1006/exnr.2001.7686.
PMID: 11421595

4 Nefopam blocks voltage-sensitive sodium channels and modulates glutamatergic transmission in rodents.
Verleye M, André N, Heulard I, Gillardin JM.
Brain Res. 2004 Jul 9;1013(2):249-55. doi: 10.1016/j.brainres.2004.04.035.
PMID: 15193535

5 The effect of thiopental and propofol on NMDA- and AMPA-mediated glutamate excitotoxicity.
Zhu H, Cottrell JE, Kass IS.
Anesthesiology. 1997 Oct;87(4):944-51. doi: 10.1097/00000542-199710000-00030.
PMID: 9357898 Free article.

6 N-Methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptors involved in the induction of sedative effects under an acute stress in neonatal chicks.
Yamane H, Tsuneyoshi Y, Denbow DM, Furuse M.
Amino Acids. 2009 Oct;37(4):733-9. doi: 10.1007/s00726-008-0203-x. Epub 2008 Nov 19.
PMID: 19018608

7 Ketamine as an adjuvant for treatment of cancer pain in children and adolescents.
Finkel JC, Pestieau SR, Quezado ZM.
J Pain. 2007 Jun;8(6):515-21. doi: 10.1016/j.jpain.2007.02.429. Epub 2007 Apr 16.
PMID: 17434801

8 Serine racemase regulated by binding to stargazin and PSD-95: potential N-methyl-D-aspartate-α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (NMDA-AMPA) glutamate neurotransmission cross-talk.
Ma TM, Paul BD, Fu C, Hu S, Zhu H, Blackshaw S, Wolosker H, Snyder SH.
J Biol Chem. 2014 Oct 24;289(43):29631-41. doi: 10.1074/jbc.M114.571604. Epub 2014 Aug 27.
PMID: 25164819 Free PMC article.

9 Regulation of the maturation of osteoblasts and osteoclastogenesis by glutamate.
Lin TH, Yang RS, Tang CH, Wu MY, Fu WM.
Eur J Pharmacol. 2008 Jul 28;589(1-3):37-44. doi: 10.1016/j.ejphar.2008.04.060. Epub 2008 May 8.
PMID: 18538763

10 AMPA, not NMDA, activates RhoA GTPases and subsequently phosphorylates moesin.
Kim SJ, Jeon S, Shin EY, Kim EG, Park J, Bae CD.

Exp Mol Med. 2004 Feb 29;36(1):98-102. doi: 10.1038/emm.2004.14.
PMID: 15031678

11 Silent synapses onto interneurons in the rat CA1 stratum radiatum.
Riebe I, Gustafsson B, Hanse E.
Eur J Neurosci. 2009 May;29(9):1870-82. doi: 10.1111/j.1460-9568.2009.06734.x. Epub 2009 Apr 17.
PMID: 19473239

12 Distinct quantal features of AMPA and NMDA synaptic currents in hippocampal neurons: implication of glutamate spillover and receptor saturation.
Pankratov YV, Krishtal OA.
Biophys J. 2003 Nov;85(5):3375-87. doi: 10.1016/S0006-3495(03)74757-2.
PMID: 14581239 Free PMC article.

13 Supraspinal and spinal alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid and N-methyl-D-aspartate glutamatergic control of the micturition reflex in the urethane-anesthetized rat.
Yoshiyama M, de Groat WC.
Neuroscience. 2005;132(4):1017-26. doi: 10.1016/j.neuroscience.2005.01.041.
PMID: 15857706 Free PMC article.

14 The ontogeny of glutamate receptors and D-aspartate binding sites in the ovine CNS.
Anderson KJ, Mason KL, McGraw TS, Theophilopoulos DT, Sapper MS, Burchfield DJ.
Brain Res Dev Brain Res. 1999 Dec 10;118(1-2):69-77. doi: 10.1016/s0165-3806(99)00131-5.
PMID: 10611505

15 Characterization of the glutamatergic system for induction and maintenance of allodynia.
Minami T, Matsumura S, Okuda-Ashitaka E, Shimamoto K, Sakimura K, Mishina M, Mori H, Ito S.
Brain Res. 2001 Mar 23;895(1-2):178-85. doi: 10.1016/s0006-8993(01)02069-8.
PMID: 11259776

16 Evidence for N-methyl-D-aspartate and AMPA subtypes of the glutamate receptor on substantia nigra dopamine neurons: possible preferential role for N-methyl-D-aspartate receptors.
Christoffersen CL, Meltzer LT.
Neuroscience. 1995 Jul;67(2):373-81. doi: 10.1016/0306-4522(95)00047-m.
PMID: 7545793

17 Neurokinin release in the rat nucleus of the solitary tract via NMDA and AMPA receptors.
Colin I, Blondeau C, Baude A.
Neuroscience. 2002;115(4):1023-33. doi: 10.1016/s0306-4522(02)00541-9.
PMID: 12453476

18 Contribution of spinal glutamatergic receptors to the antinociception caused by agmatine in mice.
Gadotti VM, Tibola D, Paszcuk AF, Rodrigues AL, Calixto JB, Santos AR.
Brain Res. 2006 Jun 6;1093(1):116-22. doi: 10.1016/j.brainres.2006.03.087. Epub 2006 Jun 12.
PMID: 16765330

19 Different action of memantine and caroverine on glutamatergic transmission in the mammalian cochlea.
Oestreicher E, Ehrenberger K, Felix D.
Adv Otorhinolaryngol. 2002;59:18-25. doi: 10.1159/000059238.
PMID: 11885657

20 Excitatory amino acids and synaptic transmission in embryonic rat brainstem motoneurons in organotypic culture.
Launey T, Ivanov A, Kapus G, Ferrand N, Tarnawa I, Gueritaud JP.
Eur J Neurosci. 1999 Apr;11(4):1324-34. doi: 10.1046/j.1460-9568.1999.00539.x.
PMID: 10103128

21 Excitatory amino acid receptor mediation of sensory inputs to functionally identified dorsal horn neurons in cat spinal cord.
Radhakrishnan V, Henry JL.
Neuroscience. 1993 Jul;55(2):531-44. doi: 10.1016/0306-4522(93)90522-h.
PMID: 7690912

22 Glutamate antagonists limit tumor growth.
Rzeski W, Ikonomidou C, Turski L.
Biochem Pharmacol. 2002 Oct 15;64(8):1195-200. doi: 10.1016/s0006-2952(02)01218-2.
PMID: 12234599 Review.

23 Glutamate responsiveness of medial vestibular nucleus neurons in aged rats.
Him A, Guneser R, Cengiz N, Oztürk G.
Brain Res Bull. 2010 Jan 15;81(1):81-4. doi: 10.1016/j.brainresbull.2009.07.008.
PMID: 19616081

24 Effects of competitive NMDA receptor antagonists on excitatory amino acid-evoked currents in mouse spinal cord neurones.
D'Hooge R, Raes A, Van de Vijver G, Van Bogaert PP, De Deyn PP.
Fundam Clin Pharmacol. 1999;13(1):67-74. doi: 10.1111/j.1472-8206.1999.tb00322.x.
PMID: 10027090

25 Excitatory amino acid responses in relay neurons of the rat lateral geniculate nucleus.
Harata N, Katayama J, Akaike N.
Neuroscience. 1999 Mar;89(1):109-25. doi: 10.1016/s0306-4522(98)00308-x.
PMID: 10051221

26 Cancer pain.
O'Neill WM.
Middle East J Anaesthesiol. 1996 Feb;13(4):373-8.
PMID: 8713631 Review.

27 Positive modulation of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid (AMPA) receptors in prefrontal cortical pyramidal neurons by a novel allosteric potentiator.
Baumbarger PJ, Muhlhauser M, Zhai J, Yang CR, Nisenbaum ES.
J Pharmacol Exp Ther. 2001 Jul;298(1):86-102.
PMID: 11408529

28 Effect of intracerebral administration of NMDA and AMPA on dopamine and glutamate release in the ventral pallidum and on motor behavior.
Kretschmer BD, Goiny M, Herrera-Marschitz M.
J Neurochem. 2000 May;74(5):2049-57. doi: 10.1046/j.1471-4159.2000.0742049.x.
PMID: 10800948 Free article.

29 Glutamatergic input to the lateral hypothalamus stimulates ethanol intake: role of orexin and melanin-concentrating hormone.
Chen YW, Barson JR, Chen A, Hoebel BG, Leibowitz SF.
Alcohol Clin Exp Res. 2013 Jan;37(1):123-31. doi: 10.1111/j.1530-0277.2012.01854.x. Epub 2012 Jul 23.
PMID: 22823322 Free PMC article.

30 Kynurenic acid synthesis in bovine retinal slices--effect of glutamate agonists.
Zarnowski T, Bialek M, Rejdak R, Zrenner E, Junemann A, Zagorski Z, Kocki T, Turski WA.
J Neural Transm (Vienna). 2006 Oct;113(10):1367-72. doi: 10.1007/s00702-005-0423-0. Epub 2006 Feb 9.
PMID: 16465462

31

Lateral hypothalamic injections of glutamate, kainic acid, D,L-alpha-amino-3-hydroxy-5-methyl-isoxazole propionic acid or N-methyl-D-aspartic acid rapidly elicit intense transient eating in rats.
Stanley BG, Ha LH, Spears LC, Dee MG 2nd.
Brain Res. 1993 Jun 4;613(1):88-95. doi: 10.1016/0006-8993(93)90458-y.
PMID: 7688643

32 Glutamate release evoked by glutamate receptor agonists in cultured chick retina cells: modulation by arachidonic acid.
Duarte CB, Santos PF, Sánchez-Prieto J, Carvalho AP.
J Neurosci Res. 1996 May 15;44(4):363-73. doi: 10.1002/(SICI)1097-4547(19960515)44:4<363::AID-JNR8>3.0.CO;2-A.
PMID: 8739156

33 Serotoninergic modulation of sensory transmission to brainstem reticulospinal cells.
Antri M, Auclair F, Albrecht J, Djeudjang N, Dubuc R.
Eur J Neurosci. 2008 Aug;28(4):655-67. doi: 10.1111/j.1460-9568.2008.06368.x.
PMID: 18702689

34 Role of AMPA receptor desensitization and the side effects of a DMSO vehicle on reticulospinal EPSPs and locomotor activity.
Tsvyetlynska NA, Hill RH, Grillner S.
J Neurophysiol. 2005 Dec;94(6):3951-60. doi: 10.1152/jn.00201.2005. Epub 2005 Aug 17.
PMID: 16107533 Free article.

35 Palliative Treatment of Cancer-Related Pain [Internet].
Kongsgaard U, Kaasa S, Dale O, Ottesen S, Nordøy T, Hessling SE, von Hofacker S, Bruland ØS, Lyngstadaas A.
Oslo, Norway: Knowledge Centre for the Health Services at The Norwegian Institute of Public Health (NIPH); 2005 Dec. Report from Norwegian Knowledge Centre for the Health Services (NOKC) No. 09-2005.
PMID: 29320015 Free Books & Documents. Review.

36 Targeting VGLUT2 in Mature Dopamine Neurons Decreases Mesoaccumbal Glutamatergic Transmission and Identifies a Role for Glutamate Co-release in Synaptic Plasticity by Increasing Baseline AMPA/NMDA Ratio.
Papathanou M, Creed M, Dorst MC, Bimpisidis Z, Dumas S, Pettersson H, Bellone C, Silberberg G, Lüscher C, Wallén-Mackenzie Å.
Front Neural Circuits. 2018 Aug 29;12:64. doi: 10.3389/fncir.2018.00064. eCollection 2018.
PMID: 30210305 Free PMC article.

37 Ca2+ influx through glutamate receptor-associated channels in retina cells correlates with neuronal cell death.
Ferreira IL, Duarte CB, Carvalho AP.
Eur J Pharmacol. 1996 Apr 29;302(1-3):153-62. doi: 10.1016/0014-2999(96)00044-1.
PMID: 8791003

38 [Activation of glutamate ionotropic connections of sensorimotor cortex neurons during conditioning].
Storozhuk VM, Khorevin VI, Razumna NN, Tetko IV, Villa AP.
Zh Vyssh Nerv Deiat Im I P Pavlova. 2002 May-Jun;52(3):292-301.
PMID: 12125395 Russian.

39 Actions of excitatory amino acids on brisk ganglion cells in the cat retina.
Boos R, Müller F, Wässle H.
J Neurophysiol. 1990 Nov;64(5):1368-79. doi: 10.1152/jn.1990.64.5.1368.
PMID: 1980925

40 Intracerebral microdialysis combined with recording of extracellular field potential: a novel method for investigation of depolarizing drugs in vivo.
Obrenovitch TP, Urenjak J, Zilkha E.
Br J Pharmacol. 1994 Dec;113(4):1295-302. doi: 10.1111/j.1476-5381.1994.tb17139.x.
PMID: 7534184 Free PMC article.

41

N-antipyrine-3, 4-dichloromaleimide, an effective cyclic imide for the treatment of chronic pain: the role of the glutamatergic system.
Quintão NL, da Silva GF, Antonialli CS, de Campos-Buzzi F, Corrêa R, Filho VC.
Anesth Analg. 2010 Mar 1;110(3):942-50. doi: 10.1213/ANE.0b013e3181cbd7f6.
PMID: 20185671

42 Effects of nitric oxide availability on responses of spinal wide dynamic range neurons to excitatory amino acids.
Budai D, Wilcox GL, Larson AA.
Eur J Pharmacol. 1995 May 4;278(1):39-47. doi: 10.1016/0014-2999(95)00100-y.
PMID: 7545123

43 Methylene Blue for the Treatment of Intractable Pain Associated with Oral Mucositis.
Roldan CJ, Nouri K, Chai T, Huh B.
Pain Pract. 2017 Nov;17(8):1115-1121. doi: 10.1111/papr.12566. Epub 2017 Mar 17.
PMID: 28226414

44 L-glutamate-induced changes in intracellular calcium oscillation frequency through non-classical glutamate receptor binding in cultured rat myocardial cells.
Winter CR, Baker RC.
Life Sci. 1995;57(21):1925-34. doi: 10.1016/0024-3205(95)02179-m.
PMID: 7475942

45 Characterization of ionotropic glutamate receptor-mediated nitric oxide production in vivo in rats.
Bhardwaj A, Northington FJ, Ichord RN, Hanley DF, Traystman RJ, Koehler RC.
Stroke. 1997 Apr;28(4):850-6; discussion 856-7. doi: 10.1161/01.str.28.4.850.
PMID: 9099207

46 Knocking out the glial glutamate transporter GLT-1 reduces glutamate uptake but does not affect hippocampal glutamate dynamics in early simulated ischaemia.
Hamann M, Rossi DJ, Marie H, Attwell D.
Eur J Neurosci. 2002 Jan;15(2):308-14. doi: 10.1046/j.0953-816x.2001.01861.x.
PMID: 11849297

47 Long-term enhancement of dopamine release by high frequency tetanic stimulation via a N-methyl-D-aspartate-receptor-mediated pathway in rat striatum.
Ochi M, Inoue H, Koizumi S, Shibata S, Watanabe S.
Neuroscience. 1995 May;66(1):29-36. doi: 10.1016/0306-4522(94)00559-n.
PMID: 7543663

48 Activity-dependent downregulation of M-Type (Kv7) K^+ channels surface expression requires the activation of iGluRs/Ca^{2+}/PKC signaling pathway in hippocampal neuron.
Li C, Lu Q, Huang P, Fu T, Li C, Guo L, Xu X.
Neuropharmacology. 2015 Aug;95:154-67. doi: 10.1016/j.neuropharm.2015.03.004. Epub 2015 Mar 18.
PMID: 25796298

49 [Pathophysiology and treatments of cancer pain with treatments of cancer pain refractory to opioids].
Shimoyama N, Shimoyama M.
Masui. 2008 Nov;57 Suppl:S170-9.
PMID: 22462175 Review. Japanese. No abstract available.

50 Synaptic trafficking of glutamate receptors by MAGUK scaffolding proteins.
Elias GM, Nicoll RA.
Trends Cell Biol. 2007 Jul;17(7):343-52. doi: 10.1016/j.tcb.2007.07.005. Epub 2007 Jul 20.
PMID: 17644382 Review.

51 Peripheral administration of NMDA, AMPA or KA results in pain behaviors in rats.

Zhou S, Bonasera L, Carlton SM.
Neuroreport. 1996 Mar 22;7(4):895-900. doi: 10.1097/00001756-199603220-00012.
PMID: 8724668

52 Neuraxial pain relief for intractable cancer pain.
Sloan PA.
Curr Pain Headache Rep. 2007 Aug;11(4):283-9. doi: 10.1007/s11916-007-0205-5.
PMID: 17686392 Review.

53 Brief calcium transients evoked by glutamate receptor agonists in rat dorsal horn neurons: fast kinetics and mechanisms.
Reichling DB, MacDermott AB.
J Physiol. 1993 Sep;469:67-88. doi: 10.1113/jphysiol.1993.sp019805.
PMID: 7505825 Free PMC article.

54 Quinoxaline derivatives: structure-activity relationships and physiological implications of inhibition of N-methyl-D-aspartate and non-N-methyl-D-aspartate receptor-mediated currents and synaptic potentials.
Randle JC, Guet T, Bobichon C, Moreau C, Curutchet P, Lambolez B, de Carvalho LP, Cordi A, Lepagnol JM.
Mol Pharmacol. 1992 Feb;41(2):337-45.
PMID: 1371583

55 Mediation and modulation by eicosanoids of responses of spinal dorsal horn neurons to glutamate and substance P receptor agonists: results with indomethacin in the rat in vivo.
Pitcher GM, Henry JL.
Neuroscience. 1999;93(3):1109-21. doi: 10.1016/s0306-4522(99)00192-x.
PMID: 10473275

56 Site-selective N-methyl-D-aspartate and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionate antagonists produce distinct effects in rats performing complex discriminations.
Willmore CB, Bespalov AY, Beardsley PM.
Neurobiol Learn Mem. 2002 Sep;78(2):347-64. doi: 10.1006/nlme.2002.4077.
PMID: 12431422

57 Potentiation of alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid (AMPA)-selective glutamate receptor function by a nootropic drug, idebenone.
Nakamura S, Kaneko S, Satoh M.
Biol Pharm Bull. 1994 Jan;17(1):70-3. doi: 10.1248/bpb.17.70.
PMID: 7511959

58 Dopamine modulation of excitatory currents in the striatum is dictated by the expression of D1 or D2 receptors and modified by endocannabinoids.
André VM, Cepeda C, Cummings DM, Jocoy EL, Fisher YE, William Yang X, Levine MS.
Eur J Neurosci. 2010 Jan;31(1):14-28. doi: 10.1111/j.1460-9568.2009.07047.x. Epub 2009 Dec 21.
PMID: 20092552

59 The management of cancer pain.
Rhodes DJ, Grossman SA.
Md Med J. 1997 Mar;46(3):141-6.
PMID: 9062059 Review.

60 Topical ketamine in the treatment of mucositis pain.
Slatkin NE, Rhiner M.
Pain Med. 2003 Sep;4(3):298-303. doi: 10.1046/j.1526-4637.2003.03032.x.
PMID: 12974832

61 Role of excitatory amino acids in developmental epilepsies.
Raol YH, Lynch DR, Brooks-Kayal AR.

Ment Retard Dev Disabil Res Rev. 2001;7(4):254-60. doi: 10.1002/mrdd.1035.
PMID: 11754519 Review.

62 (R,S)-alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid (AMPA) receptors mediate a calcium-dependent inhibition of the metabotropic glutamate receptor-stimulated formation of inositol 1,4,5-trisphosphate.
Lonart G, Alagarsamy S, Johnson KM.
J Neurochem. 1993 May;60(5):1739-45. doi: 10.1111/j.1471-4159.1993.tb13398.x.
PMID: 7682601

63 Interactions between N-acetylaspartylglutamate and AMPA, kainate, and NMDA binding sites.
Valivullah HM, Lancaster J, Sweetnam PM, Neale JH.
J Neurochem. 1994 Nov;63(5):1714-9. doi: 10.1046/j.1471-4159.1994.63051714.x.
PMID: 7523599

64 Decreased gonadotropin-releasing hormone neurosecretory response to glutamate agonists in middle-aged female rats on proestrus afternoon: a possible role in reproductive aging?
Zuo Z, Mahesh VB, Zamorano PL, Brann DW.
Endocrinology. 1996 Jun;137(6):2334-8. doi: 10.1210/endo.137.6.8641183.
PMID: 8641183

65 Frequency potentiation in the medial cortex of young turtle brains in vitro.
Muñoz MD, Magariños-Ascone C, Gaztelu JM, García-Austt E.
Brain Behav Evol. 1998;52(6):263-9. doi: 10.1159/000006571.
PMID: 9807011

66 Possible role of cGMP in excitatory amino acid induced cytotoxicity in cultured cerebral cortical neurons.
Frandsen A, Andersen CF, Schousboe A.
Neurochem Res. 1992 Jan;17(1):35-43. doi: 10.1007/BF00966863.
PMID: 1371601

67 Effects of intrathecal NMDA and AMPA receptors agonists or antagonists on antinociception of propofol.
Xu AJ, Duan SM, Zeng YM.
Acta Pharmacol Sin. 2004 Jan;25(1):9-14.
PMID: 14704116 Free article.

68 Glutamate, NMDA, and AMPA induced changes in extracellular space volume and tortuosity in the rat spinal cord.
Vargová L, Jendelová P, Chvátal A, Syková E.
J Cereb Blood Flow Metab. 2001 Sep;21(9):1077-89. doi: 10.1097/00004647-200109000-00005.
PMID: 11524612

69 Magnesium decreases arterial pressure and inhibits cardiovascular responses induced by N-methyl-D-aspartate and metabotropic glutamate receptors stimulation in rostral ventrolateral medulla.
Kagiyama S, Tsuchihashi T, Phillips MI, Abe I, Matsumura K, Fujishima M.
J Hypertens. 2001 Dec;19(12):2213-9. doi: 10.1097/00004872-200112000-00015.
PMID: 11725166

70 Comprehensive consensus based guidelines on intrathecal drug delivery systems in the treatment of pain caused by cancer pain.
Deer TR, Smith HS, Burton AW, Pope JE, Doleys DM, Levy RM, Staats PS, Wallace MS, Webster LR, Rauck RL, Cousins M; Center For Pain Relief, Inc.
Pain Physician. 2011 May-Jun;14(3):E283-312.
PMID: 21587338 Free article.

71 Ketamine: an introduction for the pain and palliative medicine physician.
Okon T.
Pain Physician. 2007 May;10(3):493-500.
PMID: 17525784 Free article. Review.

72 Controlling cancer pain with pharmacotherapy.
Pharo GH, Zhou L.
J Am Osteopath Assoc. 2007 Dec;107(12 Suppl 7):ES22-32.
PMID: 18165374 Review.

73 Mapping glutamate responses in immunocytochemically identified neurons of the mouse retina.
Sun D, Kalloniatis M.
J Comp Neurol. 2006 Feb 1;494(4):686-703. doi: 10.1002/cne.20813.
PMID: 16374798

74 Glutamate receptor regulation of rat nucleus accumbens neurons in vivo.
Hu XT, White FJ.
Synapse. 1996 Jul;23(3):208-18. doi: 10.1002/(SICI)1098-2396(199607)23:3<208::AID-SYN10>3.0.CO;2-V.
PMID: 8807749

75 [Chronic pain in cancer patients].
Briuzgin VV.
Ter Arkh. 1990;62(10):69-71.
PMID: 1982195 Russian.

76 Chronic administration of ketamine for analgesia.
Ben-Ari A, Lewis MC, Davidson E.
J Pain Palliat Care Pharmacother. 2007;21(1):7-14.
PMID: 17430824 Review.

77 Functional changes of N-methyl-D-aspartic acid and alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionate channels in gerbil hippocampal CA1, in relation to postischemic enhancement of glutamate receptor-mediated responses.
Ikemune K, Mitani A, Namba S, Kataoka K, Arai T.
Neurosci Lett. 1999 Nov 12;275(2):125-8. doi: 10.1016/s0304-3940(99)00739-9.
PMID: 10568515

78 Glutamate is the transmitter for N2v retraction phase interneurons of the Lymnaea feeding system.
Brierley MJ, Yeoman MS, Benjamin PR.
J Neurophysiol. 1997 Dec;78(6):3408-14. doi: 10.1152/jn.1997.78.6.3408.
PMID: 9405554 Free article.

79 Ethanol withdrawal hyper-responsiveness mediated by NMDA receptors in spinal cord motor neurons.
Li HF, Kendig JJ.
Br J Pharmacol. 2003 May;139(1):73-80. doi: 10.1038/sj.bjp.0705198.
PMID: 12746225 Free PMC article.

80 Comparison of excitotoxic profiles of ATPA, AMPA, KA and NMDA in organotypic hippocampal slice cultures.
Kristensen BW, Noraberg J, Zimmer J.
Brain Res. 2001 Oct 26;917(1):21-44. doi: 10.1016/s0006-8993(01)02900-6.
PMID: 11602227

81 Fast excitatory postsynaptic potentials and the responses to excitant amino acids of sympathetic preganglionic neurons in the slice of the cat spinal cord.
Inokuchi H, Yoshimura M, Yamada S, Polosa C, Nishi S.
Neuroscience. 1992;46(3):657-67. doi: 10.1016/0306-4522(92)90152-r.
PMID: 1372115

82 Opioids in cancer pain: common dosing errors.
Kochhar R, Legrand SB, Walsh D, Davis MP, Lagman R, Rivera NI.
Oncology (Williston Park). 2003 Apr;17(4):571-5; discussion 575-6, 579.
PMID: 12735147 Free article. Review.

83 The role of analgesics in cancer propagation.
Meserve JR, Kaye AD, Prabhakar A, Urman RD.
Best Pract Res Clin Anaesthesiol. 2014 Jun;28(2):139-51. doi: 10.1016/j.bpa.2014.04.004. Epub 2014 May 22.
PMID: 24993435 Review.

84 BIIR 561 CL: a novel combined antagonist of alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptors and voltage-dependent sodium channels with anticonvulsive and neuroprotective properties.
Weiser T, Brenner M, Palluk R, Bechtel WD, Ceci A, Brambilla A, Ensinger HA, Sagrada A, Wienrich M.
J Pharmacol Exp Ther. 1999 Jun;289(3):1343-9.
PMID: 10336525

85 [Mechanism-based pharmacotherapy for cancer pain].
Ohata M, Shimoyama N, Shimoyama M.
Nihon Rinsho. 2001 Sep;59(9):1775-80.
PMID: 11554051 Review. Japanese.

86 Opioid analgesics for cancer pain in primary care.
[No authors listed]
Drug Ther Bull. 2005 Feb;43(2):9-12. doi: 10.1136/dtb.2005.4329.
PMID: 15724818 Review.

87 Excitotoxic protection by polyanionic polysaccharide: evidence of a cell survival pathway involving AMPA receptor-MAPK Interactions.
Chicoine LM, Bahr BA.
J Neurosci Res. 2007 Feb 1;85(2):294-302. doi: 10.1002/jnr.21117.
PMID: 17131415

88 Excitatory amino acid receptors on isolated retinal ganglion cells from the goldfish.
Yazejian B, Fain GL.
J Neurophysiol. 1992 Jan;67(1):94-107. doi: 10.1152/jn.1992.67.1.94.
PMID: 1372651

89 Alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid electrophysiological and neurotoxic effects in the guinea-pig cochlea.
Puel JL, Pujol R, Ladrech S, Eybalin M.
Neuroscience. 1991;45(1):63-72. doi: 10.1016/0306-4522(91)90103-u.
PMID: 1684414

90 Central stimulation of oxytocin release in the lactating rat by N-methyl-D-aspartate: requirement for coactivation through non-NMDA glutamate receptors or the glycine coagonist site.
Parker SL, Crowley WR.
Neuroendocrinology. 1995 Nov;62(5):467-78. doi: 10.1159/000127036.
PMID: 8559278

91 Pharmacological options for the management of refractory cancer pain-what is the evidence?
Afsharimani B, Kindl K, Good P, Hardy J.
Support Care Cancer. 2015 May;23(5):1473-81. doi: 10.1007/s00520-015-2678-9. Epub 2015 Mar 7.
PMID: 25749509 Review.

92 NMDA and AMPA receptors mediate intracellular calcium increase in rat cortical astrocytes.
Hu B, Sun SG, Tong ET.
Acta Pharmacol Sin. 2004 Jun;25(6):714-20.
PMID: 15169621 Free article.

93 Role of calcium, glutamate and NMDA in major depression and therapeutic application.
Deutschenbaur L, Beck J, Kiyhankhadiv A, Mühlhauser M, Borgwardt S, Walter M, Hasler G, Sollberger D, Lang UE.

Prog Neuropsychopharmacol Biol Psychiatry. 2016 Jan 4;64:325-33. doi: 10.1016/j.pnpbp.2015.02.015. Epub 2015 Mar 4.
PMID: 25747801 Review.

94 A new highly selective metabotropic excitatory amino acid agonist: 2-amino-4-(3-hydroxy-5-methylisoxazol-4-yl)butyric acid.
Bräuner-Osborne H, Sløk FA, Skjaerbaek N, Ebert B, Sekiyama N, Nakanishi S, Krogsgaard-Larsen P.
J Med Chem. 1996 Aug 2;39(16):3188-94. doi: 10.1021/jm9602569.
PMID: 8759641

95 Ligand recognition in glutamate receptors: insights from mutagenesis of the soluble alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid (AMPA)-binding domain of glutamate receptor type D (GluR-D).
Keinänen K, Arvola M, Kuusinen A, Johnson M.
Biochem Soc Trans. 1997 Aug;25(3):835-8. doi: 10.1042/bst0250835.
PMID: 9388556 Review. No abstract available.

96 N-methyl-D-aspartate receptor binding is altered and seizure potential reduced in pregnant rats.
Standley CA.
Brain Res. 1999 Oct 9;844(1-2):10-9. doi: 10.1016/s0006-8993(99)01798-9.
PMID: 10536256

97 NMDA receptors in the intermediolateral column of the spinal cord mediate sympathoexcitatory cardiac responses elicited from the ventrolateral medullary pressor area.
Sundaram K, Sapru H.
Brain Res. 1991 Mar 22;544(1):33-41. doi: 10.1016/0006-8993(91)90882-v.
PMID: 1677302

98 In situ Ca2+ imaging reveals neurotransmitter receptors for glutamate in taste receptor cells.
Caicedo A, Jafri MS, Roper SD.
J Neurosci. 2000 Nov 1;20(21):7978-85. doi: 10.1523/JNEUROSCI.20-21-07978.2000.
PMID: 11050118 Free PMC article.