

Clinical Pharmacology of Tramadol

Clinical Pharmacokinetics

43, 879-923

DOI: 10.2165/00003088-200443130-00004

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pharmacology of opioid analgesia: clinical principles. , 2001, , 195-229.		5
2	Tramadol-induced hyponatraemia following unicompartamental knee replacement surgery. Anaesthesia, 2005, 60, 814-816.	3.8	25
3	O-demethylation of tramadol in the first months of life. European Journal of Clinical Pharmacology, 2005, 61, 837-842.	1.9	35
4	The use of opioids in the treatment of osteoarthritis: When, why, and how?. Current Pain and Headache Reports, 2005, 9, 390-398.	2.9	17
5	Tramadol disposition in the very young: an attempt to assess in vivo cytochrome P -450 2D6 activity. British Journal of Anaesthesia, 2005, 95, 231-239.	3.4	101
6	Profiling the subjective, psychomotor, and physiological effects of tramadol in recreational drug users. Drug and Alcohol Dependence, 2005, 80, 273-278.	3.2	52
7	Economic Evaluation of Tramadol/Paracetamol Combination Tablets for??Osteoarthritis Pain in The Netherlands. Clinical Drug Investigation, 2005, 25, 785-802.	2.2	8
9	Management of Cancer Pain. American Journal of Cancer, 2006, 5, 171-182.	0.4	5
10	Pharmacokinetics and interactions of headache medications, part I: introduction, pharmacokinetics, metabolism and acute treatments. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 961-979.	3.3	10
11	Tramadol Sustained-Release Capsules. Drugs, 2006, 66, 223-230.	10.9	20
12	Tramadol Extended-Release Tablets1. Drugs, 2006, 66, 2017-2027.	10.9	23
13	Tramadol Extended-Release Tablets. Drugs, 2006, 66, 2028-2030.	10.9	2
14	Once-daily tramadol in rheumatological pain. Expert Opinion on Pharmacotherapy, 2006, 7, 1811-1823.	1.8	15
15	Medical Therapy of Urolithiasis. Journal of Endourology, 2006, 20, 841-847.	2.1	42
16	Pharmacokinetic and pharmacodynamic properties of tramadol IR and SR in elderly patients: A prospective, age-group-controlled study. Clinical Therapeutics, 2006, 28, 2022-2039.	2.5	23
17	Safety and Efficacy of Tramadol in the Treatment of Premature Ejaculation. Journal of Clinical Psychopharmacology, 2006, 26, 27-31.	1.4	112
18	The Effects of Paracetamol and Parecoxib on Kidney Function in Elderly Patients Undergoing Orthopedic Surgery. Anesthesia and Analgesia, 2006, 103, 1170-1176.	2.2	30
20	Use of hydrophilic natural gums in formulation of sustained-release matrix tablets of tramadol hydrochloride. AAPS PharmSciTech, 2006, 7, E168-E174.	3.3	78

#	ARTICLE	IF	CITATIONS
21	Pharmacological aspects of successful long-term analgesia. <i>Clinical Rheumatology</i> , 2006, 25, 9-15.	2.2	44
22	Combination analgesia in 2005—a rational approach: focus on paracetamol+tramadol. <i>Clinical Rheumatology</i> , 2006, 25, 16-21.	2.2	119
23	Pain management today—what have we learned?. <i>Clinical Rheumatology</i> , 2006, 25, 2-8.	2.2	68
24	Enantioselective pharmacokinetics of tramadol in CYP2D6 extensive and poor metabolizers. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 513-521.	1.9	84
25	Effect of the CYP2D6*10 C188T polymorphism on postoperative tramadol analgesia in a Chinese population. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 927-931.	1.9	75
26	Opioids in pain management of blood-related malignancies. <i>Annals of Hematology</i> , 2006, 85, 489-501.	1.8	19
27	Evaluation of maternal and neonatal effects of adding tramadol to lidocaine in epidural anesthesia for cesarean section. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26351-26351.	1.6	0
28	In vitro and in vivo vasodilator activity of racemic tramadol and its enantiomers in Wistar rats. <i>European Journal of Pharmacology</i> , 2006, 530, 117-123.	3.5	35
29	Pharmacogenetics, Drug-Metabolizing Enzymes, and Clinical Practice. <i>Pharmacological Reviews</i> , 2006, 58, 521-590.	16.0	379
30	Highlights in opioid agonists and antagonists. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 613-622.	2.8	4
31	Single- and multiple-dose bioequivalence of two once-daily tramadol formulations using stereospecific analysis of tramadol and its demethylated (M1 and M5) metabolites. <i>Current Medical Research and Opinion</i> , 2007, 23, 1593-1604.	1.9	9
32	Regular tramadol use does not affect the propofol dose requirement for induction of anaesthesia. <i>European Journal of Anaesthesiology</i> , 2007, 24, 776-781.	1.7	7
33	Tramadol Extended-Release Tablets in Moderate to Moderately Severe Chronic Pain in Adults ¹ . <i>CNS Drugs</i> , 2007, 21, 259-263.	5.9	9
34	Quantification of Drugs in Plasma Without Primary Reference Standards by Liquid Chromatography-Chemiluminescence Nitrogen Detection: Application to Tramadol Metabolite Ratios. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 423-428.	2.0	8
36	Single-Dose Intravenous Tramadol for Acute Migraine Pain in Adults: A Single-Blind, Prospective, Randomized, Placebo-Controlled Clinical Trial. <i>Clinical Therapeutics</i> , 2007, 29, 1441-1447.	2.5	15
37	The Effect of Single-Dose Tramadol on Oxycodone Clearance. <i>Journal of Emergency Medicine</i> , 2007, 33, 407-411.	0.7	10
38	Catatonia Associated with Coadministration of Tramadol and Meperidine. <i>Journal of the Formosan Medical Association</i> , 2007, 106, 323-326.	1.7	10
39	Tramadol extended-release formulations in the management of pain due to osteoarthritis. <i>Expert Review of Neurotherapeutics</i> , 2007, 7, 1775-1784.	2.8	18

#	ARTICLE	IF	CITATIONS
40	Cholestasis and Endogenous Opioids. <i>Clinical Pharmacokinetics</i> , 2007, 46, 825-850.	3.5	47
41	Route-dependent stereoselective pharmacokinetics of tramadol and its active O-demethylated metabolite in rats. <i>Chirality</i> , 2007, 19, 190-196.	2.6	27
42	Pharmacokinetics and dose proportionality of three Tramadol Contramid® OAD tablet strengths. <i>Biopharmaceutics and Drug Disposition</i> , 2007, 28, 323-330.	1.9	8
43	Fatal unintentional intoxications with tramadol during 1995-2005. <i>Forensic Science International</i> , 2007, 173, 107-111.	2.2	81
44	The enantiomers of tramadol and its major metabolite inhibit peristalsis in the guinea pig small intestine via differential mechanisms. <i>BMC Pharmacology</i> , 2007, 7, 5.	0.4	14
45	New guideline for tramadol usage following adverse drug reactions reported to the Iranian pharmacovigilance center. <i>Pharmacoepidemiology and Drug Safety</i> , 2007, 16, 229-237.	1.9	50
46	The addition of tramadol to morphine via patient-controlled analgesia does not lead to better postoperative pain relief after total knee arthroplasty. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 322-330.	1.6	37
47	Pharmacokinetics of tramadol in horses after intravenous, intramuscular and oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008, 31, 60-65.	1.3	79
48	Synergistic interaction between dexamethasone and tramadol in a murine model of acute visceral pain. <i>Fundamental and Clinical Pharmacology</i> , 2007, 21, 515-520.	1.9	16
49	Combination of pharmacological analgesics and microwave irradiation of an acupuncture point for suppression of visceral pain in mice: Role of the opioid and serotonergic cerebral systems. <i>Neurophysiology</i> , 2007, 39, 406-413.	0.3	3
50	What is new in neuropathic pain?. <i>Supportive Care in Cancer</i> , 2007, 15, 363-372.	2.2	54
51	Modelling the pharmacokinetics of tramadol: On the difference between CYP2D6 extensive and poor metabolizers. <i>Journal of Theoretical Biology</i> , 2008, 254, 568-574.	1.7	7
52	Gender differences in the antinociceptive effect of tramadol, alone or in combination with gabapentin, in mice. <i>Journal of Biomedical Science</i> , 2008, 15, 645-651.	7.0	22
53	In vitro and in vivo evaluation of O-alkyl derivatives of tramadol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1674-1680.	2.2	10
54	COMPARATIVE EFFECTS OF TRAMADOL ON VASCULAR REACTIVITY IN NORMOTENSIVE AND SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1197-1203.	1.9	9
55	Analgesia Review. <i>Paediatric Anaesthesia</i> , 2008, 18, 64-78.	1.1	14
56	Use of a sparse sampling study design to assess transfer of tramadol and its O-desmethyl metabolite into transitional breast milk. <i>British Journal of Clinical Pharmacology</i> , 2008, 65, 661-666.	2.4	53
57	Involvement of serotonin 2A receptors in the analgesic effect of tramadol in mono-arthritic rats. <i>Brain Research</i> , 2008, 1210, 76-83.	2.2	34

#	ARTICLE	IF	CITATIONS
58	Both postnatal and postmenstrual age contribute to the interindividual variability in tramadol glucuronidation in neonates. <i>Early Human Development</i> , 2008, 84, 325-330.	1.8	22
59	How I Manage Pain after Total Hip Arthroplasty. <i>Seminars in Arthroplasty</i> , 2008, 19, 231-236.	0.7	6
60	Covariates of tramadol disposition in the first months of life. <i>British Journal of Anaesthesia</i> , 2008, 100, 525-532.	3.4	60
61	Prehospital Trauma Analgesia. <i>Journal of Emergency Medicine</i> , 2008, 35, 47-57.	0.7	72
62	The novel compound (±)-1-[10-((E)-3-Phenyl-allyl)-3,10-diaza-bicyclo[4.3.1]dec-3-yl]-propan-1-one (NS7051) attenuates nociceptive transmission in animal models of experimental pain; a pharmacological comparison with the combined μ 4-opioid receptor agonist and monoamine reuptake inhibitor tramadol. <i>Neuropharmacology</i> , 2008, 54, 331-343.	4.1	26
63	Supra-additive effects of tramadol and acetaminophen in a human pain model. <i>Pain</i> , 2008, 136, 262-270.	4.2	70
64	Actualisation 2007 de la 11 ^e Conférence de consensus en médecine d'urgence (Créteil, avril 1993): le traitement médicamenteux de la douleur de l'adulte dans le cadre de l'urgence. <i>Douleurs</i> , 2008, 9, 248-278.	0.0	15
65	Role of pharmacogenetics in variable response to drugs: focus on opioids. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008, 4, 77-91.	3.3	58
66	Postoperative Pain and Other Acute Pain Syndromes. , 2008, , 299-334.		2
67	Tramadol intoxication: a review of 114 cases. <i>Human and Experimental Toxicology</i> , 2008, 27, 201-205.	2.2	167
68	Effect of orally administered tramadol alone or with an intravenously administered opioid on minimum alveolar concentration of sevoflurane in cats. <i>Journal of the American Veterinary Medical Association</i> , 2008, 232, 1834-1840.	0.5	30
69	Effect of Tramadol Use on Three Point-of-Care and One Instrument-Based Immunoassays for Urine Buprenorphine. <i>Journal of Analytical Toxicology</i> , 2008, 32, 339-343.	2.8	21
70	Extended-Release Tramadol (ULTRAM [®] ER): A Pharmacotherapeutic, Pharmacokinetic, and Pharmacodynamic Focus on Effectiveness and Safety in Patients with Chronic/Persistent Pain. <i>American Journal of Therapeutics</i> , 2008, 15, 157-166.	0.9	46
71	CYP2D6 Polymorphism in Relation to Tramadol Metabolism: A Study of Faroese Patients. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 271-275.	2.0	30
72	Chronic Pain of Osteoarthritis: Considerations for Selecting an Extended-Release Opioid Analgesic. <i>American Journal of Therapeutics</i> , 2008, 15, 241-255.	0.9	13
73	Detección de efectos secundarios asociados a la administración de tramadol y dipirone en un hospital de alta complejidad. <i>Biomedica</i> , 2009, 29, 369.	0.7	3
75	Clinical pharmacology of analgesics in old age and frailty. <i>Reviews in Clinical Gerontology</i> , 2009, 19, 103-118.	0.5	14
76	Clinical Equivalence of Controlled-Release Oxycodone 20 mg and Controlled-Release Tramadol 200 mg after Surgery for Breast Cancer. <i>Pharmacology</i> , 2009, 84, 276-281.	2.2	16

#	ARTICLE	IF	CITATIONS
77	Pharmacokinetics of tramadol and its major metabolites following rectal and intravenous administration in dogs. <i>New Zealand Veterinary Journal</i> , 2009, 57, 146-152.	0.9	34
78	Prospective pharmacologic therapies for the overactive bladder. <i>Therapeutic Advances in Urology</i> , 2009, 1, 71-83.	2.0	37
79	Nociceptive behavior induced by mustard oil injection into the temporomandibular joint is blocked by a peripheral non-opioid analgesic and a central opioid analgesic. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 321-326.	2.9	9
80	Pharmacokinetic evaluation of tramadol and its major metabolites after single oral sustained tablet administration in the dog: a pilot study. <i>Veterinary Journal</i> , 2009, 180, 253-255.	1.7	46
81	Pharmacokinetics of Tramadol and Its Metabolites M1, M2, and M5 in Donkeys after Intravenous and Oral Immediate Release Single-Dose Administration. <i>Journal of Equine Veterinary Science</i> , 2009, 29, 569-574.	0.9	32
82	Efficacy and safety of low-dose transdermal buprenorphine patches (5, 10, and 20 μ g/h) versus prolonged-release tramadol tablets (75, 100, 150, and 200 mg) in patients with chronic osteoarthritis pain: A 12-week, randomized, open-label, controlled, parallel-group noninferiority study. <i>Clinical Therapeutics</i> , 2009, 31, 503-513.	2.5	91
83	N-of-1 double-blind, randomized controlled trial of tramadol to treat chronic cough. <i>Clinical Therapeutics</i> , 2009, 31, 1007-1013.	2.5	18
84	Pharmacological assessment of the rat formalin test utilizing the clinically used analgesic drugs gabapentin, lamotrigine, morphine, duloxetine, tramadol and ibuprofen: Influence of low and high formalin concentrations. <i>European Journal of Pharmacology</i> , 2009, 605, 95-102.	3.5	62
85	Preclinical assessment of proconvulsant drug activity and its relevance for predicting adverse events in humans. <i>European Journal of Pharmacology</i> , 2009, 610, 1-11.	3.5	112
86	Synergistic interaction between tramadol and dipyron in thermal paw stimulation model in the rat. <i>Drug Development Research</i> , 2009, 70, 450-454.	2.9	2
87	Prevalence of adverse drug combinations in a large post-mortem toxicology database. <i>International Journal of Legal Medicine</i> , 2009, 123, 109-115.	2.2	22
88	Dose-independent occurrence of seizure with tramadol. <i>Journal of Medical Toxicology</i> , 2009, 5, 63-67.	1.5	76
89	A stochastic reaction scheme for drug/metabolite interaction. <i>Journal of Theoretical Biology</i> , 2009, 259, 382-388.	1.7	0
90	Pharmacokinetic and urine profile of tramadol and its major metabolites following oral immediate release capsules administration in dogs. <i>Veterinary Research Communications</i> , 2009, 33, 875-885.	1.6	32
91	Biopharmaceutical profile of tramadol in the dog. <i>Veterinary Research Communications</i> , 2009, 33, 189-192.	1.6	23
92	The use of opioids in the treatment of osteoarthritis: When, why, and how?. <i>Current Rheumatology Reports</i> , 2009, 11, 5-14.	4.7	24
93	Electromembrane extraction of basic drugs from untreated human plasma and whole blood under physiological pH conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 921-928.	3.7	130
94	Pharmacokinetics, safety and tolerance of single- and multiple-dose of a novel compound tramadol hydrochloride injection (35 mg tramadol hydrochloride, 45 mg/ml promethazine hydrochloride) in Chinese healthy subjects. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2009, 34, 193-200.	1.6	1

#	ARTICLE	IF	CITATIONS
95	Tramadol withdrawal in a neonate: how should it be treated?. European Journal of Clinical Pharmacology, 2009, 65, 645-645.	1.9	2
96	Tramadol dependence: a survey of spontaneously reported cases in Sweden. Pharmacoepidemiology and Drug Safety, 2009, 18, 1192-1198.	1.9	63
97	Uptake/Efflux Transport of Tramadol Enantiomers and O-Desmethyl-Tramadol: Focus on P-Glycoprotein. Basic and Clinical Pharmacology and Toxicology, 2009, 105, 199-206.	2.5	34
98	Effects of tramadol on the minimum alveolar concentration of sevoflurane in dogs. Veterinary Anaesthesia and Analgesia, 2009, 36, 334-340.	0.6	41
99	Intravenous tramadol: effects, nociceptive properties, and pharmacokinetics in horses. Veterinary Anaesthesia and Analgesia, 2009, 36, 581-590.	0.6	52
100	Diagnostic and therapeutic value of naloxone after intoxication with tramadol in a young girl. Pediatrics International, 2009, 51, 842-843.	0.5	17
101	Benefits of Extended-Release Opioid Analgesic Formulations in the Treatment of Chronic Pain. Pain Practice, 2009, 9, 71-81.	1.9	51
102	A comparison of tramadol and pethidine analgesia on the duration of labour: A randomised clinical trial. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2009, 49, 59-63.	1.0	23
103	Effects of tramadol and dexketoprofen on analgesia and gastrointestinal transit in mice. Fundamental and Clinical Pharmacology, 2009, 23, 81-88.	1.9	27
104	An accurate, rapid and sensitive determination of tramadol and its active metabolite O-desmethyltramadol in human plasma by LC-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 354-366.	2.8	60
105	1/4-Opioid/5-HT4 dual pharmacologically active agents: Efforts towards an effective opioid analgesic with less GI and respiratory side effects (Part I). Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5679-5683.	2.2	7
106	Formulation Design and Optimization of Novel Taste Masked Mouth-Dissolving Tablets of Tramadol Having Adequate Mechanical Strength. AAPS PharmSciTech, 2009, 10, 574-581.	3.3	37
107	The effect of opioid antagonists on synergism between dexketoprofen and tramadol. Pharmacological Research, 2009, 60, 291-295.	7.1	18
108	Polymorphism of Human Cytochrome P450 2D6 and Its Clinical Significance. Clinical Pharmacokinetics, 2009, 48, 689-723.	3.5	604
109	Analgesic efficacy of perioperative use of vedaprofen, tramadol or their combination in cats undergoing ovariohysterectomy. Journal of Feline Medicine and Surgery, 2009, 11, 420-429.	1.6	81
111	Premature ejaculation: focus on therapeutic targets. Expert Opinion on Therapeutic Targets, 2009, 13, 175-193.	3.4	24
112	Escitalopram Is a Weak Inhibitor of the CYP2D6-Catalyzed O-Demethylation of (+)-Tramadol but Does Not Reduce the Hypoalgesic Effect in Experimental Pain. Clinical Pharmacology and Therapeutics, 2009, 86, 626-633.	4.7	24
113	Polymorphism of Human Cytochrome P450 2D6 and Its Clinical Significance. Clinical Pharmacokinetics, 2009, 48, 761-804.	3.5	306

#	ARTICLE	IF	CITATIONS
114	Pharmacokinetics and Pharmacology of Drugs Used in Children. , 2009, , 89-146.		11
115	Tramadol as an analgesic for mild to moderate cancer pain. Pharmacological Reports, 2009, 61, 978-992.	3.3	129
116	Perioperative administration of vedaprofen, tramadol or their combination does not interfere with platelet aggregation, bleeding time and biochemical variables in cats. Journal of Feline Medicine and Surgery, 2009, 11, 503-509.	1.6	20
117	Pharmacological treatment of overactive bladder: report from the International Consultation on Incontinence. Current Opinion in Urology, 2009, 19, 380-394.	1.8	161
118	A Comparative Evaluation of Agents Producing Analgo-sedation in Pediatric Dental Patients.. Journal of Clinical Pediatric Dentistry, 2009, 34, 183-188.	1.0	10
119	Can a microscopic stochastic model explain the emergence of pain cycles in patients?. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P01004.	2.3	5
120	Analgesic effects of tramadol hydrochloride administered via caudal epidural injection in healthy adult cattle. American Journal of Veterinary Research, 2010, 71, 720-725.	0.6	8
121	Tramadol: a wonder drug for the treatment of chronic pain?. International Journal of Clinical Rheumatology, 2010, 5, 1-4.	0.3	3
122	Review of the Role of Opioids in Cancer Pain. Journal of the National Comprehensive Cancer Network: JNCCN, 2010, 8, 1087-1094.	4.9	21
123	Evaluation of dosages and routes of administration of tramadol analgesia in rats using hot-plate and tail-flick tests. Lab Animal, 2010, 39, 342-351.	0.4	35
124	Comparative bioequivalence studies of tramadol hydrochloride sustained-release 200 mg tablets. Drug Design, Development and Therapy, 2010, 4, 367.	4.3	9
125	Adult Cancer Pain. Journal of the National Comprehensive Cancer Network: JNCCN, 2010, 8, 1046-1086.	4.9	201
126	Pain Management After Elective Hallux Valgus Surgery. Anesthesia and Analgesia, 2010, 111, 544-549.	2.2	29
127	Regional anaesthesia in dayâ€stay and shortâ€stay surgery. Anaesthesia, 2010, 65, 84-96.	3.8	34
128	Multidrug poisoning involving nicotine and tramadol. Forensic Science International, 2010, 194, e17-e19.	2.2	26
129	Influence of bile acid derivates on tramadol analgesic effect in mice. European Journal of Drug Metabolism and Pharmacokinetics, 2010, 35, 75-78.	1.6	3
130	Pharmacokinetics of Tramadol after Epidural Administration in Horses. Journal of Equine Veterinary Science, 2010, 30, 44-46.	0.9	7
131	Tramadol acts as a weak reinforcer in the rat self-administration model, consistent with its low abuse liability in humans. Pharmacology Biochemistry and Behavior, 2010, 96, 279-286.	2.9	34

#	ARTICLE	IF	CITATIONS
132	Pharmacokinetics and efficacy of intravenous and extradural tramadol in dogs. <i>Veterinary Journal</i> , 2010, 183, 310-315.	1.7	54
133	SA14867, a newly synthesized kappa-opioid receptor agonist with antinociceptive and antipruritic effects. <i>European Journal of Pharmacology</i> , 2010, 647, 62-67.	3.5	8
134	Bioequivalence evaluation of single doses of two tramadol formulations: A randomized, open-label, two-period. <i>Clinical Therapeutics</i> , 2010, 32, 758-765.	2.5	9
135	Future Sexual Medicine Physiological Treatment Targets. <i>Journal of Sexual Medicine</i> , 2010, 7, 3269-3304.	0.6	28
136	Determination of tramadol and metabolites by HPLC-FL and HPLC-MS/MS in urine of dogs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 194-199.	2.8	40
137	Pain management in multiple myeloma. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 415-425.	2.4	26
138	Advances in Perioperative Pain Management: Use of Medications with Dual Analgesic Mechanisms, Tramadol & Tapentadol. <i>Anesthesiology Clinics</i> , 2010, 28, 647-666.	1.4	45
139	The Pharmacologic Management of Restless Legs Syndrome and Periodic Leg Movement Disorder. <i>Sleep Medicine Clinics</i> , 2010, 5, 675-687.	2.6	1
140	Current Trends in Tramadol-Related Fatalities, Tehran, Iran 2005-2008. <i>Substance Use and Misuse</i> , 2010, 45, 2162-2171.	1.4	46
141	Analysis of the opioid-opioid combinations according to the nociceptive stimulus in mice. <i>Pharmacological Research</i> , 2010, 61, 511-518.	7.1	30
142	Tramadol/Paracetamol Fixed-Dose Combination. <i>Clinical Drug Investigation</i> , 2010, 30, 711-738.	2.2	59
143	Tramadol overdose as a cause of serotonin syndrome: a case series. <i>Clinical Toxicology</i> , 2010, 48, 337-341.	1.9	73
145	Pharmacokinetics of tramadol and metabolites after injective administrations in dogs. <i>Polish Journal of Veterinary Sciences</i> , 2010, 13, 639-644.	0.2	16
146	Neurotoxic Emergencies. <i>Neurologic Clinics</i> , 2011, 29, 539-563.	1.8	17
147	Evaluation of the analgesic effects of oral and subcutaneous tramadol administration in red-eared slider turtles. <i>Journal of the American Veterinary Medical Association</i> , 2011, 238, 220-227.	0.5	78
148	Pharmacotherapy for acute pain in children: current practice and recent advances. <i>Expert Opinion on Pharmacotherapy</i> , 2011, 12, 865-881.	1.8	14
149	Extended-release formulations of tramadol in the treatment of chronic pain. <i>Expert Opinion on Pharmacotherapy</i> , 2011, 12, 1757-1768.	1.8	23
150	Tramadol Use in Zoologic Medicine. <i>Veterinary Clinics of North America - Exotic Animal Practice</i> , 2011, 14, 117-130.	0.7	28

#	ARTICLE	IF	CITATIONS
151	Nasal Tramadol delivery system: A new approach for improved pain therapy. European Journal of Pain Supplements, 2011, 5, 449-452.	0.0	11
152	Comparison of preemptive analgesic effect of intravenous ketorolac versus tramadol in pediatric inguinal herniotomy: A randomized double blind study. Egyptian Journal of Anaesthesia, 2011, 27, 207-211.	0.5	2
153	Therapeutic targets for premature ejaculation. Maturitas, 2011, 70, 26-33.	2.4	16
154	Pharmacokinetics, intraoperative effect and postoperative analgesia of tramadol in cats. Research in Veterinary Science, 2011, 90, 503-509.	1.9	48
155	Pharmacokinetics of tramadol and metabolites O-desmethytramadol and N-desmethytramadol in adult horses. American Journal of Veterinary Research, 2011, 72, 967-974.	0.6	22
156	Inibi�o da corrente de c�lcio tipo L por tramadol e enanti�meros em mi�citos card�acos de ratos. Arquivos Brasileiros De Cardiologia, 2011, 97, 324-331.	0.8	6
157	Tapentadol extended-release for treatment of chronic pain: a review. Journal of Pain Research, 2011, 4, 211.	2.0	46
158	Comparative study of Two In Vitro Methods for Assessing Drug Absorption: Sartorius SM 16750 Apparatus Versus Everted Gut Sac. Journal of Pharmacy and Pharmaceutical Sciences, 2011, 14, 117.	2.1	34
159	The Metabolism of Opioid Agents and the Clinical Impact of Their Active Metabolites. Clinical Journal of Pain, 2011, 27, 824-838.	1.9	101
161	Update on treatments for premature ejaculation. International Journal of Clinical Practice, 2011, 65, 16-26.	1.7	34
162	A Comparison of the Effects of Midazolam/Fentanyl and Midazolam/Tramadol for Conscious Intravenous Sedation During Third Molar Extraction. Journal of Oral and Maxillofacial Surgery, 2011, 69, 1594-1599.	1.2	22
163	Use of strong opioids among community-dwelling persons with and without Alzheimer�s disease in Finland. Pain, 2011, 152, 543-547.	4.2	35
164	The management of cancer pain. Ca-A Cancer Journal for Clinicians, 2011, 61, 157-182.	329.8	190
165	Pharmacokinetics of Extended-Release Versus Conventional Tramadol/Acetaminophen Fixed-Dose Combination Tablets: An Open-Label, 2-Treatment, Multiple-Dose, Randomized-Sequence Crossover Study in Healthy Korean Male Volunteers. Clinical Therapeutics, 2011, 33, 728-737.	2.5	12
166	The kappa opioid receptor agonist SA14867 has antinociceptive and weak sedative effects in models of acute and chronic pain. European Journal of Pharmacology, 2011, 671, 53-60.	3.5	10
167	Population pharmacokinetic modeling of tramadol and its O-desmethyl metabolite in plasma and breast milk. European Journal of Clinical Pharmacology, 2011, 67, 899-908.	1.9	32
168	Near-fatal tramadol cardiotoxicity in a CYP2D6 ultrarapid metabolizer. European Journal of Clinical Pharmacology, 2011, 67, 855-858.	1.9	74
169	Distribution of metoprolol, tramadol, and midazolam in human autopsy material. Journal of Chromatography A, 2011, 1218, 4988-4994.	3.7	19

#	ARTICLE	IF	CITATIONS
171	Review: Pharmacogenetic aspects of the effect of cytochrome P450 polymorphisms on serotonergic drug metabolism, response, interactions, and adverse effects. <i>Forensic Science, Medicine, and Pathology</i> , 2011, 7, 162-184.	1.4	62
172	Evaluation of the interaction between tramadol and diclofenac in several models of nociception in the rat. <i>Drug Development Research</i> , 2011, 72, 391-396.	2.9	1
173	Simultaneous analysis of tramadol, O-desmethyltramadol, and N-desmethyltramadol enantiomers in rat plasma by high-performance liquid chromatography-tandem mass spectrometry: Application to pharmacokinetics. <i>Chirality</i> , 2011, 23, 287-293.	2.6	13
174	Opioid Needs of Patients with Advanced Cancer and the Morphine Dose-Limiting Law in Egypt. <i>Journal of Palliative Medicine</i> , 2011, 14, 51-54.	1.1	12
175	Discriminative Stimulus Effects of Tramadol in Humans. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 255-262.	2.5	36
176	Development of tramadol hydrochloride rectal gel preparations and evaluation of analgesic activity in experimental animals. <i>Journal of Drug Delivery Science and Technology</i> , 2011, 21, 503-507.	3.0	2
177	Pain in malignant hematology. <i>Expert Review of Hematology</i> , 2011, 4, 81-93.	2.2	21
178	CYP2D6 in the Metabolism of Opioids for Mild to Moderate Pain. <i>Pharmacology</i> , 2011, 87, 274-285.	2.2	93
179	The Effects of Tramadol and Levobupivacaine Infiltration on Postoperative Analgesia in Functional Endoscopic Sinus Surgery and Septorhinoplasty. <i>Balkan Medical Journal</i> , 2012, 29, 391-394.	0.8	16
180	Inhibition of bladder overactivity by a combination of tibial neuromodulation and tramadol treatment in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1576-F1582.	2.7	19
181	Comparison Between Intraoperative Fentanyl and Tramadol to Improve Quality of Emergence. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 127-132.	1.2	21
182	Tramadol Vs Tapentadol: Anew Horizon in Pain Treatment?. <i>American Journal of Animal and Veterinary Sciences</i> , 2012, 7, 7-11.	0.5	26
183	Recurrent Seizures in Tramadol Intoxication: Implications for Therapy Based on 100 Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 133-136.	2.5	53
184	Combination of Foot Stimulation and Tramadol Treatment Reverses Irritation Induced Bladder Overactivity in Cats. <i>Journal of Urology</i> , 2012, 188, 2426-2432.	0.4	11
185	Comparison of the Analgesic Effects of Oral Tramadol and Naproxen Sodium on Pain Relief During IUD Insertion. <i>Journal of Minimally Invasive Gynecology</i> , 2012, 19, 581-584.	0.6	29
186	On-demand Tramadol Hydrochloride Use in Premature Ejaculation Treatment. <i>Urology</i> , 2012, 79, 145-149.	1.0	47
187	Reduction of the sevoflurane minimum alveolar concentration induced by methadone, tramadol, butorphanol and morphine in rats. <i>Laboratory Animals</i> , 2012, 46, 200-206.	1.0	27
188	Development and Validation of a New GC-MS Method for the Detection of Tramadol, O-Desmethyltramadol, 6-Acetylmorphine and Morphine in Blood, Brain, Liver and Kidney of Wistar Rats Treated with the Combination of Heroin and Tramadol. <i>Journal of Analytical Toxicology</i> , 2012, 36, 548-559.	2.8	21

#	ARTICLE	IF	CITATIONS
189	Striking differences in proconvulsant-induced alterations of seizure threshold in two rat models. <i>NeuroToxicology</i> , 2012, 33, 127-137.	3.0	26
190	Enantioselective analysis of unbound tramadol, O-desmethyiltramadol and N-desmethyiltramadol in plasma by ultrafiltration and LC-MS/MS: Application to clinical pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 880, 140-147.	2.3	32
191	Effects of chronic tramadol exposure on the zebrafish brain: A proteomic study. <i>Journal of Proteomics</i> , 2012, 75, 3351-3364.	2.4	41
192	Inhibition of CYP2D6-mediated tramadol O-demethylation in methadone but not buprenorphine maintenance patients. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 835-841.	2.4	22
193	Extended-release tramadol/paracetamol in moderate-to-severe pain: a randomized, placebo-controlled study in patients with acute low back pain. <i>Current Medical Research and Opinion</i> , 2012, 28, 847-857.	1.9	18
194	Evaluation of anesthetic, analgesic, and cardiorespiratory effects in dogs after intramuscular administration of dexmedetomidine-butorphanol-tiletamine-zolazepam or dexmedetomidine-tramadol-ketamine drug combinations. <i>American Journal of Veterinary Research</i> , 2012, 73, 1707-1714.	0.6	12
196	Older US Emergency Department Patients Are Less Likely to Receive Pain Medication Than Younger Patients: Results From a National Survey. <i>Annals of Emergency Medicine</i> , 2012, 60, 199-206.	0.6	112
197	CYP2D6*4 polymorphism, tramadol treatment and its clinical impact in patients with postherpetic neuralgia. <i>Personalized Medicine</i> , 2012, 9, 371-385.	1.5	7
198	Pregabalin antinociception and its interaction with tramadol in acute model of pain. <i>Pharmacological Reports</i> , 2012, 64, 576-585.	3.3	20
199	Pharmacokinetics of the novel atypical opioid tapentadol following oral and intravenous administration in dogs. <i>Veterinary Journal</i> , 2012, 194, 309-313.	1.7	48
200	Pharmacodynamic profile of tramadol in humans: influence of naltrexone pretreatment. <i>Psychopharmacology</i> , 2012, 223, 427-438.	3.1	30
201	Diagnosis and Treatment of Overactive Bladder. , 0, , .		0
202	Histamine-Releasing and Allergic Properties of Opioid Analgesic Drugs: Resolving the Two. <i>Anaesthesia and Intensive Care</i> , 2012, 40, 216-235.	0.7	131
203	Pharmacogenomic considerations in opioid analgesia. <i>Pharmacogenomics and Personalized Medicine</i> , 2012, 5, 73.	0.7	26
205	Dose response of tramadol and its combination with paracetamol in <scp>UVB</scp> induced hyperalgesia. <i>European Journal of Pain</i> , 2012, 16, 562-573.	2.8	15
206	Effect of tramadol on pain-related behaviors and bladder overactivity in rodent cystitis models. <i>European Journal of Pharmacology</i> , 2012, 676, 75-80.	3.5	16
207	Tramadol antinociception is potentiated by clonidine through α_2 -adrenergic and I2-imidazoline but not by endothelin ETA receptors in mice. <i>European Journal of Pharmacology</i> , 2012, 683, 109-115.	3.5	14
208	Pharmacokinetics of tramadol in a diverse healthy Chinese population. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2012, 37, 599-603.	1.5	5

#	ARTICLE	IF	CITATIONS
209	Pharmacokinetics of tramadol and its major metabolites in alpacas following intravenous and oral administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 389-396.	1.3	18
211	Tramadol enhances urethral continence function through μ -opioid receptors in rats. <i>Neurourology and Urodynamics</i> , 2013, 32, 98-103.	1.5	5
212	Two cases of hallucination in elderly patients due to a probable interaction between flu immunization and tramadol. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 1615-1616.	1.9	24
213	Neurotoxic Emergencies. <i>Psychiatric Clinics of North America</i> , 2013, 36, 219-244.	1.3	0
214	Opioid Analgesic Drugs. , 2013, , 295-317.		4
215	Handbook of Pain and Palliative Care. , 2013, , .		3
216	Outpatient Oral Analgesics in Dogs and Cats Beyond Nonsteroidal Antiinflammatory Drugs. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2013, 43, 1109-1125.	1.5	93
217	A cytochrome P450 phenotyping cocktail causing unexpected adverse reactions in female volunteers. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 1997-1999.	1.9	11
218	Electrospun Nanofibers of Poly(methylmethacrylate)/Polystyrene Blend as a Microcolumn Extraction Sorbent Followed by Corona Discharge Ion Mobility Spectrometry for Analysis of Tramadol in Biological Fluids. <i>Chromatographia</i> , 2013, 76, 541-548.	1.3	5
219	Side-effects of analgesic kyotorphin derivatives: advantages over clinical opioid drugs. <i>Amino Acids</i> , 2013, 45, 171-178.	2.7	13
220	Comparison between oral and intra-articular antinociceptive effect of dexketoprofen and tramadol combination in monosodium iodoacetate-induced osteoarthritis in rats. <i>European Journal of Pharmacology</i> , 2013, 714, 346-351.	3.5	14
221	Postmortem Redistribution of Tramadol and O-Desmethyltramadol. <i>Journal of Analytical Toxicology</i> , 2013, 37, 670-675.	2.8	38
222	Effect of Pregabalin and Dexamethasone Addition to Multimodal Analgesia on Postoperative Analgesia Following Rhinoplasty Surgery. <i>Aesthetic Plastic Surgery</i> , 2013, 37, 1100-1106.	0.9	35
223	Spinal and peripheral adenosine A1 receptors contribute to antinociception by tramadol in the formalin test in mice. <i>European Journal of Pharmacology</i> , 2013, 714, 373-378.	3.5	28
224	Simultaneous quantification of tramadol and O-desmethyltramadol in hair samples by gas chromatography-electron impact/mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 1003-1011.	1.7	31
225	Topical Review on the Abuse and Misuse Potential of Tramadol and Tilidine in Germany. <i>Substance Abuse</i> , 2013, 34, 313-320.	2.3	79
226	Safety and efficacy of tramadol hydrochloride on treatment of premature ejaculation. <i>Asian Journal of Andrology</i> , 2013, 15, 138-142.	1.6	71
227	A Randomized, Prospective Study of Efficacy and Safety of Oral Tramadol in the Management of Post-herpetic Neuralgia in Patients from North India. <i>Pain Practice</i> , 2013, 13, 264-275.	1.9	9

#	ARTICLE	IF	CITATIONS
228	A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of the Extended-Release Tramadol Hydrochloride/Acetaminophen Fixed-Dose Combination Tablet for the Treatment of Chronic Low Back Pain. <i>Clinical Therapeutics</i> , 2013, 35, 1830-1840.	2.5	44
229	Intravenous Tramadol Injection has no Antinociceptive Effect in Horses Undergoing Electrical and Thermal Stimuli. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 823-826.	0.9	7
230	Abuse liability and reinforcing efficacy of oral tramadol in humans. <i>Drug and Alcohol Dependence</i> , 2013, 129, 116-124.	3.2	110
231	Comparative Toxicokinetics of Organic Micropollutants in Freshwater Crustaceans. <i>Environmental Science & Technology</i> , 2013, 47, 130712083046004.	10.0	13
232	Tramadol Hydrochloride. Profiles of Drug Substances, Excipients and Related Methodology, 2013, 38, 463-494.	8.0	12
233	Update on tamper-resistant drug formulations. <i>Drug and Alcohol Dependence</i> , 2013, 130, 13-23.	3.2	44
234	Intraurethral tramadol alleviates rigid cystoscopy-related pain in men. <i>International Journal of Urological Nursing</i> , 2013, 7, 133-137.	0.2	0
235	Tramadol-induced apnea. <i>American Journal of Emergency Medicine</i> , 2013, 31, 26-31.	1.6	52
236	Role of the endogenous opioid system in modulation of urinary bladder activity by spinal nerve stimulation. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F52-F60.	2.7	20
237	Inhibition of bladder overactivity by duloxetine in combination with foot stimulation or WAY-100635 treatment in cats. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1663-F1668.	2.7	9
238	Chlordiazepoxide preventive effect on tramadol overdose induced serotonin syndrome evaluated by Hunter and Radomski criteria: A clinical trial. <i>Toxicology International</i> , 2013, 20, 126.	0.1	9
239	Effects of varying doses of tramadol on gastric pH. <i>Anesthesia: Essays and Researches</i> , 2013, 7, 25.	0.5	2
240	Polypharmacy and Drug Interaction. , 2013, , 169-180.		0
241	Sublingual ketorolac versus sublingual tramadol for moderate to severe post-traumatic bone pain in children: a double-blind, randomised, controlled trial. <i>Archives of Disease in Childhood</i> , 2013, 98, 721-724.	1.9	34
242	State of Art of Managing Pain in Patients With Cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2013, 19, 379-389.	2.0	19
243	Tramadol inhibits the contractility of isolated human myometrium. <i>Autonomic and Autacoid Pharmacology</i> , 2013, 33, 1-5.	0.5	9
244	Metoclopramide Improves the Quality of Tramadol PCA Indistinguishable to Morphine PCA: A Prospective, Randomized, Double Blind Clinical Comparison. <i>Pain Medicine</i> , 2013, 14, 1426-1434.	1.9	8
245	Pain Intensity on the First Day after Surgery. <i>Anesthesiology</i> , 2013, 118, 934-944.	2.5	1,117

#	ARTICLE	IF	CITATIONS
246	Pharmacological Acute Migraine Treatment Strategies: Choosing the Right Drug for a Specific Patient. Canadian Journal of Neurological Sciences, 2013, 40, s33-s62.	0.5	2
247	Pharmacological Acute Migraine Treatment Strategies: Choosing the Right Drug for a Specific Patient. Canadian Journal of Neurological Sciences, 2013, 40, S33-S62.	0.5	4
248	Adult Cancer Pain. Journal of the National Comprehensive Cancer Network: JNCCN, 2013, 11, 992-1022.	4.9	144
249	Randomized comparison of effectiveness of unimodal opioid analgesia with multimodal analgesia in post–cesarean section pain management. Journal of Pain Research, 2013, 6, 419.	2.0	17
250	Tramadol Extended-Release for the Management of Pain due to Osteoarthritis. ISRN Pain, 2013, 2013, 1-16.	0.4	9
251	Where there is no morphine: The challenge and hope of palliative care delivery in Tanzania. African Journal of Primary Health Care and Family Medicine, 2014, 6, E1-8.	0.8	13
252	Usos LÃcito e IlÃcito dos FÃrmacos. Acta Medica Portuguesa, 2014, 27, 755-766.	0.4	7
253	Serotonin Syndrome. Journal of Pharmacy Practice, 2014, 27, 71-78.	1.0	61
254	Clinical pharmacokinetics of tramadol and main metabolites in horses undergoing orchiectomy. Veterinary Quarterly, 2014, 34, 143-151.	6.7	5
255	Occupancy of serotonin transporter by tramadol: a positron emission tomography study with [11C]DASB. International Journal of Neuropsychopharmacology, 2014, 17, 845-850.	2.1	10
256	A Case of Altered Mental Status and Acute Renal Failure Due to Tramadol and Alprazolam Usage. Akademik Acil Tip Olgu Sunumlari Dergisi, 2014, 5, 168-170.	0.1	1
257	Minor and Short-Acting Analgesics, Including Opioid Combination Products. , 2014, , 508-529.e6.		3
258	Lornoxicam versus tramadol for post-operative pain relief in patients undergoing ENT procedures. Saudi Journal of Anaesthesia, 2014, 8, 38.	0.7	4
259	Peripheral Synergism between Tramadol and Ibuprofen in the Formalin Test. Drug Development Research, 2014, 75, 224-230.	2.9	2
260	Biopharmaceutical Considerations of Opioid Analgesics in Models of Self-Administration: Review and Summary. , 2014, , 81-107.		0
261	Comparison of patientâ€controlled analgesia versus continuous infusion of tramadol in postâ€cesarean section pain management. Journal of Obstetrics and Gynaecology Research, 2014, 40, 392-398.	1.3	9
262	Tramadol can selectively manage moderate pain in children following European advice limiting codeine use. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 1110-1116.	1.5	13
264	Preventive and Alleviative Effect of Tramadol on Neuropathic Pain in Rats: Roles of Î±2-Adrenoceptors and Spinal Astrocytes. Journal of Pharmacological Sciences, 2014, 124, 244-257.	2.5	20

#	ARTICLE	IF	CITATIONS
265	Effect of parecoxib sodium on postoperative shivering. European Journal of Anaesthesiology, 2014, 31, 225-230.	1.7	11
266	PharmGKB summary. Pharmacogenetics and Genomics, 2014, 24, 374-380.	1.5	80
267	Headache as a presenting feature in patients with serotonin syndrome: A case series. Cephalalgia, 2014, 34, 148-153.	3.9	14
268	Physiological and analgesic effects of continuous-rate infusion of morphine, butorphanol, tramadol or methadone in horses with lipopolysaccharide (LPS)-induced carpal synovitis. BMC Veterinary Research, 2014, 10, 966.	1.9	24
269	High-Amylose Sodium Carboxymethyl Starch Matrices: Development and Characterization of Tramadol Hydrochloride Sustained-Release Tablets for Oral Administration. ISRN Pharmaceutics, 2014, 2014, 1-13.	1.0	4
270	Effect of Pregabalin and Dexamethasone on Postoperative Analgesia after Septoplasty. Pain Research and Treatment, 2014, 2014, 1-7.	1.7	17
271	Tramadol Abuse in a Binge Pattern in a Young Depressed Woman. European Addiction Research, 2014, 20, 82-86.	2.4	14
272	Are there concerns about generic medicines in rheumatology?. Joint Bone Spine, 2014, 81, 1-3.	1.6	0
273	Design, development and <i>in vitro</i> – <i>in vivo</i> study of tramadol–paracetamol inlay tablets. Pharmaceutical Development and Technology, 2014, 19, 1-9.	2.4	7
274	Effects of opioid (tramadol) treatment on testicular functions in adult male rats: The role of nitric oxide and oxidative stress. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 317-323.	1.9	77
275	Neuropathic pain: Etiology, pathophysiology, mechanisms, and evaluations. Disease-a-Month, 2014, 60, 6-47.	1.1	46
276	Pharmacogenetic aspects of tramadol pharmacokinetics and pharmacodynamics after a single oral dose. Forensic Science International, 2014, 238, 125-132.	2.2	30
277	The analgesic effect of tramadol in animal models of neuropathic pain and fibromyalgia. Neuroscience Letters, 2014, 562, 28-33.	2.1	33
280	In situ and in silico evaluation of amine- and folate-terminated dendrimers as nanocarriers of anesthetics. European Journal of Medicinal Chemistry, 2014, 73, 250-257.	5.5	17
281	Chronic morphine and tramadol re-exposure induced an anti-anxiety effect in prepubertal rats exposed neonatally to the same drugs. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 838-843.	1.9	11
282	Effects of type 1 and type 2 diabetes on the pharmacokinetics of tramadol enantiomers in patients with neuropathic pain phenotyped as cytochrome P450 2D6 extensive metabolizers. Journal of Pharmacy and Pharmacology, 2014, 66, 1222-1230.	2.4	6
283	PHARMACOKINETICS OF TRAMADOL AND ITS PRIMARY METABOLITE O-DESMETHYLTRAMADOL IN AFRICAN PENGUINS (<i>SPHENISCUS DEMERSUS</i>). Journal of Zoo and Wildlife Medicine, 2014, 45, 93-99.	0.6	19
284	Transport Characteristics of Tramadol in the Blood–Brain Barrier. Journal of Pharmaceutical Sciences, 2014, 103, 3335-3341.	3.3	51

#	ARTICLE	IF	CITATIONS
285	Population pharmacokinetic modelling of tramadol using inverse Gaussian function for the assessment of drug absorption from prolonged and immediate release formulations. International Journal of Pharmaceutics, 2014, 473, 170-178.	5.2	12
286	Confronting the challenges of effective pain management in children following tonsillectomy. International Journal of Pediatric Otorhinolaryngology, 2014, 78, 1813-1827.	1.0	58
287	Pharmacokinetics and physiological effects of repeated oral administrations of tramadol in horses. Journal of Veterinary Pharmacology and Therapeutics, 2014, 37, 269-278.	1.3	15
288	Analgesic efficacy and safety of single-dose tramadol and non-steroidal anti-inflammatory drugs in operations on the third molars: a systematic review and meta-analysis. British Journal of Oral and Maxillofacial Surgery, 2014, 52, 775-783.	0.8	29
289	Pregabalin Vs. Opioids for the Treatment of Neuropathic Cancer Pain: A Prospective, Head-to-Head, Randomized, Open-Label Study. Pain Practice, 2014, 14, 32-42.	1.9	41
290	Serotonin Syndrome in a Patient on Tramadol, Bupropion, Trazodone, and Oxycodone. Psychosomatics, 2014, 55, 305-309.	2.5	7
291	Pharmacokinetics of tramadol after subcutaneous administration in a critically ill population and in a healthy cohort. BMC Anesthesiology, 2014, 14, 33.	1.8	6
292	Bioavailability of tramadol hydrochloride after administration via different routes in rats. Biopharmaceutics and Drug Disposition, 2014, 35, 525-531.	1.9	11
293	Genetics and implications in perioperative analgesia. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2014, 28, 153-166.	4.0	22
294	Pediatric Ambulatory Anesthesia. Anesthesiology Clinics, 2014, 32, 411-429.	1.4	19
295	Analgesic and adjuvant anesthetic effect of submucosal tramadol after mandibular third molar surgery. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e249-e254.	0.4	22
296	Tramadol toxicity in a cat: case report and literature review of serotonin syndrome. Journal of Feline Medicine and Surgery, 2014, 16, 572-578.	1.6	25
297	Pharmacogenetics of chronic pain management. Clinical Biochemistry, 2014, 47, 1169-1187.	1.9	88
298	Contributions of peripheral, spinal, and supraspinal actions to analgesia. European Journal of Pharmacology, 2014, 734, 114-121.	3.5	21
299	Effects of tramadol on viscerovisceral hyperalgesia in a rat model of endometriosis plus ureteral calculosis. Fundamental and Clinical Pharmacology, 2014, 28, 331-341.	1.9	22
300	A preliminary evaluation of the effects of opioids on innate and adaptive human in vitro immune function. BMJ Supportive and Palliative Care, 2014, 4, 357-367.	1.6	43
302	Effects of using the analgesic tramadol in mice undergoing embryo transfer surgery. Lab Animal, 2014, 43, 167-172.	0.4	5
303	Who are Prone to Develop Adverse Effects with Oral Tramadol? a Retrospective Cohort Study. Hong Kong Journal of Emergency Medicine, 2014, 21, 3-9.	0.6	0

#	ARTICLE	IF	CITATIONS
305	Dorsal penile nerve block with ropivacaine versus intravenous tramadol for the prevention of catheter-related bladder discomfort: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 596.	1.6	3
306	Effects of continuous intravenous infusion of morphine and morphine-tramadol on the minimum alveolar concentration of sevoflurane and electroencephalographic entropy indices in dogs. <i>Veterinary Anaesthesia and Analgesia</i> , 2015, 42, 182-186.	0.6	13
307	Authors' response to the letter from Dr. Srinivas. <i>Clinical Pharmacology in Drug Development</i> , 2015, 4, 475-475.	1.6	0
308	Tramadol-induced hyperalgesia and its prevention by ketamine in rats. <i>European Journal of Anaesthesiology</i> , 2015, 32, 735-741.	1.7	10
309	Enhanced analgesic effects of tramadol and common trace element coadministration in mice. <i>Journal of Neuroscience Research</i> , 2015, 93, 1534-1541.	2.9	18
310	Single- and multiple-dose pharmacokinetic studies of tramadol immediate-release tablets in children and adolescents. <i>Clinical Pharmacology in Drug Development</i> , 2015, 4, 184-192.	1.6	11
311	Oral tramadol pharmacokinetics in pediatric subjects versus adults—Is there a role of delayed gastric emptying in pediatric subjects?. <i>Clinical Pharmacology in Drug Development</i> , 2015, 4, 473-474.	1.6	1
312	Pharmacokinetic/pharmacodynamic assessments of 10 mg/kg tramadol intramuscular injection in yellow-bellied slider turtles (<i>Trachemys scripta scripta</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 488-496.	1.3	32
313	Effect of tramadol abuse on testicular tissue of adult albino rats. <i>Egyptian Journal of Histology</i> , 2015, 38, 356-366.	0.1	7
314	Severe Manic Episode Associated With Tramadol in a Patient With Recurrent Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 203-204.	1.4	8
315	Fluorescence detection of tramadol in healthy Chinese volunteers by high-performance liquid chromatography and bioequivalence assessment. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1225.	4.3	7
316	Regional versus General Anesthesia for Percutaneous Nephrolithotomy: A Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0126587.	2.5	13
317	Design, synthesis and biological evaluation of N-phenylalkyl-substituted tramadol derivatives as novel μ opioid receptor ligands. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 887-894.	6.1	11
318	Pain Assessment and Management. , 2015, , 383-399.		0
319	Tramadol overdose causes seizures and respiratory depression but serotonin toxicity appears unlikely. <i>Clinical Toxicology</i> , 2015, 53, 545-550.	1.9	92
320	Anaphylaxis to Intravenous Tramadol in a Child. <i>Pharmacology</i> , 2015, 96, 256-258.	2.2	7
321	Tramadol and O-Desmethyl Tramadol Clearance Maturation and Disposition in Humans: A Pooled Pharmacokinetic Study. <i>Clinical Pharmacokinetics</i> , 2015, 54, 167-178.	3.5	45
322	The effect of ondansetron on the efficacy of postoperative tramadol: a systematic review and meta-analysis of a drug interaction. <i>Anaesthesia</i> , 2015, 70, 209-218.	3.8	29

#	ARTICLE	IF	CITATIONS
323	Effects of terbinafine and itraconazole on the pharmacokinetics of orally administered tramadol. <i>European Journal of Clinical Pharmacology</i> , 2015, 71, 321-327.	1.9	30
324	PHARMACOKINETICS OF TRAMADOL AND <i>O</i> -DESMETHYLTRAMADOL IN LOGGERHEAD SEA TURTLES (<i>CARETTA CARETTA</i>). <i>Journal of Zoo and Wildlife Medicine</i> , 2015, 46, 262-265.	0.6	27
325	Comparison of the analgesic effects of paracetamol and tramadol in lumbar disc surgery. <i>Turkish Journal of Medical Sciences</i> , 2015, 45, 438-442.	0.9	9
326	Physiologically Based Pharmacokinetic Predictions of Tramadol Exposure Throughout Pediatric Life: an Analysis of the Different Clearance Contributors with Emphasis on CYP2D6 Maturation. <i>AAPS Journal</i> , 2015, 17, 1376-1387.	4.4	32
327	The Pharmacogenetics of Tramadol. <i>Clinical Pharmacokinetics</i> , 2015, 54, 825-836.	3.5	66
328	Pharmacokinetics and antinociceptive effects of tramadol and its metabolite <i>O</i> -desmethyltramadol following intravenous administration in sheep. <i>Veterinary Journal</i> , 2015, 205, 404-409.	1.7	7
329	Regulation of cerebral CYP2D alters tramadol metabolism in the brain: interactions of tramadol with propranolol and nicotine. <i>Xenobiotica</i> , 2015, 45, 335-344.	1.1	20
330	Tramadol half life is dose dependent in overdose. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 22.	2.0	10
331	Effect of the CYP2D6 gene polymorphism on postoperative analgesia of tramadol in Han nationality nephrectomy patients. <i>European Journal of Clinical Pharmacology</i> , 2015, 71, 681-686.	1.9	17
332	Pharmacokinetics of tramadol following intravenous and oral administration in male rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 375-382.	1.3	11
333	Unique pharmacology of tapentadol for treating acute and chronic pain. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1475-1492.	3.3	10
334	First report on the pharmacokinetics of tramadol and <i>O</i> -desmethyltramadol in exhaled breath compared to plasma and oral fluid after a single oral dose. <i>Biochemical Pharmacology</i> , 2015, 98, 502-510.	4.4	37
335	Effects of tramadol and <i>o</i> -desmethyltramadol on canine innate immune system function. <i>Veterinary Anaesthesia and Analgesia</i> , 2015, 42, 260-268.	0.6	13
336	PHARMACOKINETICS OF TRAMADOL HYDROCHLORIDE AND ITS METABOLITE <i>O</i> -DESMETHYLTRAMADOL FOLLOWING A SINGLE, ORALLY ADMINISTERED DOSE IN CALIFORNIA SEA LIONS (<i>ZALOPHUS</i>)	1.0	4
337	Safety of adjunct pre-emptive intravenous tramadol with midazolam sedation for third molar surgery. <i>Oral and Maxillofacial Surgery</i> , 2015, 19, 353-359.	1.3	3
338	Comparative Toxicity of Tapentadol and Tramadol Utilizing Data Reported to the National Poison Data System. <i>Annals of Pharmacotherapy</i> , 2015, 49, 1311-1316.	1.9	33
339	Use of tramadol in early pregnancy and congenital malformation risk. <i>Reproductive Toxicology</i> , 2015, 58, 246-251.	2.9	35
340	Pharmacokinetics of Tramadol and <i>O</i> -Desmethyltramadol Enantiomers Following Administration of Extended-Release Tablets to Elderly and Young Subjects. <i>Drugs and Aging</i> , 2015, 32, 1029-1043.	2.7	12

#	ARTICLE	IF	CITATIONS
341	Effect of combining tramadol and morphine in adult surgical patients: a systematic review and meta-analysis of randomized trials. British Journal of Anaesthesia, 2015, 114, 384-395.	3.4	21
342	Tramadol - the Marmite [®] drug. Anaesthesia, 2015, 70, 125-130.	3.8	12
343	Physiology-Based IVIVE Predictions of Tramadol from in Vitro Metabolism Data. Pharmaceutical Research, 2015, 32, 260-274.	3.5	19
344	Tramadol chronic abuse: An evidence from hair analysis by LC tandem MS. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 450-458.	2.8	27
345	Comparison of tramadol and buprenorphine analgesia for continuous intravenous propofol anaesthesia in dogs undergoing dental prophylaxis. Veterinarni Medicina, 2016, 61, 213-218.	0.6	1
346	Severe Tramadol Overdoses in Children: A Case Series Admitted to Paediatric Intensive Care Unit. , 2016, 6, .		8
347	Role of Genetic Polymorphism of Cyp2d6 in Tramadol Related Nephrotoxicity. Journal of Medical Toxicology and Clinical Forensic Medicine, 2016, 2, .	0.2	0
348	TRAMADOL [®]Beyond its Beneficial Effects. , 2016, 06, .		4
349	Tramadol, Usage, Misuse, and Addiction Processes. , 2016, , 407-416.		6
350	Opioids and Serotonin Syndrome. , 2016, , 443-448.		0
352	Effects of Addition of Systemic Tramadol or Adjunct Tramadol to Lidocaine Used for Intravenous Regional Anesthesia in Patients Undergoing Hand Surgery. Anesthesiology Research and Practice, 2016, 2016, 1-7.	0.7	0
353	Distribution, pharmacokinetics and primary metabolism model of tramadol in zebrafish. Molecular Medicine Reports, 2016, 14, 5644-5652.	2.4	19
354	Dorsal Penile Nerve Block With Ropivacaine-Reduced Postoperative Catheter-Related Bladder Discomfort in Male Patients After Emergence of General Anesthesia. Medicine (United States), 2016, 95, e3409.	1.0	16
355	Unique action mechanisms of tramadol in global cerebral ischemia-induced mechanical allodynia. NeuroReport, 2016, 27, 699-704.	1.2	3
356	Single-Dose Pharmacokinetic Study of Tramadol Extended-Release Tablets in Children and Adolescents. Clinical Pharmacology in Drug Development, 2016, 5, 343-353.	1.6	4
357	Antihyperalgesic effects of dexketoprofen and tramadol in a model of postoperative pain in mice – effects on glial cell activation. Journal of Pharmacy and Pharmacology, 2016, 68, 1041-1050.	2.4	10
358	Meta-analysis of hepatic cytochrome P450 ontogeny to underwrite the prediction of pediatric pharmacokinetics using physiologically based pharmacokinetic modeling. Journal of Clinical Pharmacology, 2016, 56, 266-283.	2.0	104
359	Impact of fraction unbound, <sc>CYP</sc>3A, and <sc>CYP</sc>2D6 in vivo activities, and other potential covariates to the clearance of tramadol enantiomers in patients with neuropathic pain. Fundamental and Clinical Pharmacology, 2016, 30, 153-161.	1.9	5

#	ARTICLE	IF	CITATIONS
360	Interaction of a Cannabinoid-2 Agonist With Tramadol on Nociceptive Thresholds and Immune Responses in a Rat Model of Incisional Pain. <i>American Journal of Therapeutics</i> , 2016, 23, e1484-e1492.	0.9	7
361	Tramadol state-dependent memory: involvement of dorsal hippocampal muscarinic acetylcholine receptors. <i>Behavioural Pharmacology</i> , 2016, 27, 470-478.	1.7	14
363	Preoperative Ropivacaine with or without Tramadol for Femoral Nerve Block in Total Knee Arthroplasty. <i>Journal of Orthopaedic Surgery</i> , 2016, 24, 183-187.	1.0	4
364	Validated determination method of tramadol and its desmethylates in human plasma using an isocratic LC-MS/MS and its clinical application to patients with cancer pain or non-cancer pain. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2016, 2, 25.	1.0	16
365	Clinical outcomes of cardiac arrest patients according to opioid use history. <i>Journal of Critical Care</i> , 2016, 35, 1-6.	2.2	0
366	Pharmacologic Therapies in Musculoskeletal Conditions. <i>Medical Clinics of North America</i> , 2016, 100, 869-890.	2.5	24
367	Electrocardiographic changes in patients with tramadol-induced idiosyncratic seizures. <i>Turkish Journal of Emergency Medicine</i> , 2016, 16, 151-154.	0.9	8
368	An LP1 analogue, selective MOR agonist with a peculiar pharmacological profile, used to scrutiny the ligand binding domain. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5280-5290.	3.0	5
369	Single fixed-dose oral dextketoprofen plus tramadol for acute postoperative pain in adults. <i>The Cochrane Library</i> , 2016, 9, CD012232.	2.8	16
370	Mechanisms of tramadol-related neurotoxicity in the rat: Does diazepam/tramadol combination play a worsening role in overdose?. <i>Toxicology and Applied Pharmacology</i> , 2016, 310, 108-119.	2.8	40
371	Drug Interaction and Serotonin Toxicity with Opioid Use: Another Reason to Avoid Opioids in Headache and Migraine Treatment. <i>Current Pain and Headache Reports</i> , 2016, 20, 50.	2.9	13
372	Chronic pain and opiate management. <i>Disease-a-Month</i> , 2016, 62, 334-345.	1.1	6
373	Comparative metabolism of tramadol and tapentadol: a toxicological perspective. <i>Drug Metabolism Reviews</i> , 2016, 48, 577-592.	3.6	55
374	Worldwide research productivity on tramadol: a bibliometric analysis. <i>SpringerPlus</i> , 2016, 5, 1108.	1.2	36
375	Drug–Drug Interactions in Headache Medicine. <i>Headache</i> , 2016, 56, 1241-1248.	3.9	23
376	Acetylcholinesterase, butyrylcholinesterase and paraoxonase 1 activities in rats treated with cannabis, tramadol or both. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 1089-1094.	0.8	20
377	Cortical excitability in tramadol dependent patients: A transcranial magnetic stimulation study. <i>Drug and Alcohol Dependence</i> , 2016, 169, 110-116.	3.2	10
378	Ritonavir Use in Human Immunodeficiency Virus–Positive Surgical Patients Is Not Associated with an Increase in Postoperative Critical Respiratory Events. <i>Journal of Pain and Palliative Care Pharmacotherapy</i> , 2016, 30, 25-30.	0.8	1

#	ARTICLE	IF	CITATIONS
379	Two prophylactic medication approaches in addition to a pain control regimen for early medical abortionâ€”63 daysâ€™ gestation with mifepristone and misoprostol: study protocol for a randomized, controlled trial. <i>Reproductive Health</i> , 2016, 13, 132.	3.1	6
381	Does association of opioid use with pain and function differ by fibromyalgia or widespread pain status?. <i>Pain</i> , 2016, 157, 2208-2216.	4.2	11
382	Efficacy of mepivacaineâ€”tramadol combination on the success of inferior alveolar nerve blocks in patients with symptomatic irreversible pulpitis: a randomized clinical trial. <i>International Endodontic Journal</i> , 2016, 49, 325-333.	5.0	25
383	Managing Pediatric Pain in the Emergency Department. <i>Paediatric Drugs</i> , 2016, 18, 287-301.	3.1	35
384	Opioids in the treatment of restless legs syndrome: pharmacological and clinical aspects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 1035-1045.	3.3	7
385	<i>Nauclea latifolia</i> : biological activity and alkaloid phytochemistry of a West African tree. <i>Natural Product Reports</i> , 2016, 33, 1034-1043.	10.3	44
386	Dexketoprofen/tramadol 25Âmg/75Âmg: randomised double-blind trial in moderate-to-severe acute pain after abdominal hysterectomy. <i>BMC Anesthesiology</i> , 2016, 16, 9.	1.8	42
387	Comparative study of the neurotoxicological effects of tramadol and tapentadol in SH-SY5Y cells. <i>Toxicology</i> , 2016, 359-360, 1-10.	4.2	31
388	Spray-dried high-amylose sodium carboxymethyl starch: impact of Î±-amylase on drug-release profile. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1887-1893.	2.0	2
389	Plasma concentrations, analgesic and physiological assessments in horses with chronic laminitis treated with two doses of oral tramadol. <i>Equine Veterinary Journal</i> , 2016, 48, 528-531.	1.7	17
390	Latarjet Procedure for Anterior Shoulder Instability Due to Tramadol-Induced Seizures. <i>American Journal of Sports Medicine</i> , 2016, 44, 957-962.	4.2	10
391	Simultaneous quantitative determination of paracetamol and tramadol in tablet formulation using UV spectrophotometry and chemometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 157, 258-264.	3.9	80
392	Coadministration of tramadol with aripiprazole and venlafaxineâ€”The effect on spatial memory functions in male rats. <i>Pharmacological Reports</i> , 2016, 68, 451-456.	3.3	7
393	Efficacy and safety of oral NSAIDs and analgesics in the management of osteoarthritis: Evidence from real-life setting trials and surveys. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, S22-S27.	3.4	101
395	Opioid Analgesics. , 2016, , 267-301.		2
396	Non-prescribed use of psychoactive prescription drugs among drug-impaired drivers in Sweden. <i>Drug and Alcohol Dependence</i> , 2016, 161, 77-85.	3.2	16
397	Treatment-refractory posttraumatic stress disorder (TRPTSD): a review and framework for the future. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 70, 170-218.	4.8	55
398	A consensus statement on the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO) algorithm for the management of knee osteoarthritisâ€”From evidence-based medicine to the real-life setting. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, S3-S11.	3.4	203

#	ARTICLE	IF	CITATIONS
399	Sequencing CYP2D6 for the detection of poor-metabolizers in post-mortem blood samples with tramadol. <i>Forensic Science International</i> , 2016, 265, 153-159.	2.2	17
400	New approaches to treating pain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1103-1119.	2.2	35
401	Refractory Cardiogenic Shock During Tramadol Poisoning: A Case Report. <i>Cardiovascular Toxicology</i> , 2017, 17, 219-222.	2.7	8
402	Tramadol-Paracetamol Combination for Postoperative Pain Relief in Elective Single-level Microdisectomy Surgery. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 157-160.	1.2	10
404	The effect of preoperative submucosal administration of tramadol on the success rate of inferior alveolar nerve block on mandibular molars with symptomatic irreversible pulpitis: a randomized, double-blind placebo-controlled clinical trial. <i>International Endodontic Journal</i> , 2017, 50, 1134-1142.	5.0	17
405	Serum biochemical changes following constant rate infusion of Ketoprofen and Ketoprofen + Tramadol combination in laparotomized dogs. <i>Comparative Clinical Pathology</i> , 2017, 26, 581-584.	0.7	0
406	Co-crystal of Tramadol Hydrochloride and Celecoxib (ctc): A Novel API API Co-crystal for the Treatment of Pain. <i>Crystal Growth and Design</i> , 2017, 17, 1884-1892.	3.0	109
407	Genetic Testing for Opioid Pain Management: A Primer. <i>Pain and Therapy</i> , 2017, 6, 93-105.	3.2	50
408	Ketorolac, Oxymorphone, Tapentadol, and Tramadol. <i>Anesthesiology Clinics</i> , 2017, 35, e1-e20.	1.4	26
409	Tramadol with or without paracetamol (acetaminophen) for cancer pain. <i>The Cochrane Library</i> , 2020, 2020, CD012508.	2.8	24
410	Effective analgesic doses of tramadol or tapentadol induce brain, lung and heart toxicity in Wistar rats. <i>Toxicology</i> , 2017, 385, 38-47.	4.2	30
411	Tramadol for neuropathic pain in adults. <i>The Cochrane Library</i> , 2017, 2017, CD003726.	2.8	80
412	Acetaminophen and ondansetron: The central serotonergic connection. <i>Journal of Clinical Anesthesia</i> , 2017, 40, 101-102.	1.6	2
413	Long-term use of opioids for nonmalignant pain among community-dwelling persons with and without Alzheimer disease in Finland: a nationwide register-based study. <i>Pain</i> , 2017, 158, 252-260.	4.2	34
414	Metformin Synergizes With Conventional and Adjuvant Analgesic Drugs to Reduce Inflammatory Hyperalgesia in Rats. <i>Anesthesia and Analgesia</i> , 2017, 124, 1317-1329.	2.2	10
415	On the sulfation of O -desmethyltramadol by human cytosolic sulfotransferases. <i>Pharmacological Reports</i> , 2017, 69, 953-958.	3.3	5
416	How Would You Manage Opioid Use in These Three Patients?. <i>Annals of Internal Medicine</i> , 2017, 166, 506.	3.9	4
417	Low-Dose Naloxone for Prophylaxis of Postoperative Nausea and Vomiting: A Systematic Review and Meta-Analysis. <i>Pharmacotherapy</i> , 2017, 37, 546-554.	2.6	12

#	ARTICLE	IF	CITATIONS
418	Tramadol differentially regulates M1 and M2 macrophages from human umbilical cord blood. <i>Inflammopharmacology</i> , 2017, 25, 533-541.	3.9	10
419	Clinical Interpretation of Urine Drug Tests. <i>Mayo Clinic Proceedings</i> , 2017, 92, 774-796.	3.0	136
420	Uptake and Metabolism of Human Pharmaceuticals by Fish: A Case Study with the Opioid Analgesic Tramadol. <i>Environmental Science & Technology</i> , 2017, 51, 12825-12835.	10.0	23
422	Single-dose pharmacokinetics of co-crystal of tramadol-celecoxib: Results of a four-way randomized open-label phase I clinical trial in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2718-2728.	2.4	31
423	2017 update on pain management in patients with chronic kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 688-697.	2.9	95
424	Evaluation of the Ecstasy influence on tramadol and its main metabolite plasma concentration in rats. <i>Drug Metabolism and Personalized Therapy</i> , 2017, 32, 137-145.	0.6	4
425	Discovery and development of tramadol for the treatment of pain. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 1281-1291.	5.0	106
426	Safety, Tolerability, and Pharmacokinetics of Therapeutic and Supratherapeutic Doses of Tramadol Hydrochloride in Healthy Adults: A Randomized, Double-blind, Placebo-controlled Multiple-Ascending-Dose Study. <i>Clinical Pharmacology in Drug Development</i> , 2017, 6, 592-603.	1.6	7
427	Tramadol: keep calm and carry on. <i>Paediatric Anaesthesia</i> , 2017, 27, 785-788.	1.1	24
428	A physiologically based model for tramadol pharmacokinetics in horses. <i>Journal of Theoretical Biology</i> , 2017, 429, 46-51.	1.7	4
429	The role of tramadol in pain management in Latin America: a report by the Change Pain Latin America Advisory Panel. <i>Current Medical Research and Opinion</i> , 2017, 33, 1615-1621.	1.9	9
430	Acute administration of tramadol and tapentadol at effective analgesic and maximum tolerated doses causes hepato- and nephrotoxic effects in Wistar rats. <i>Toxicology</i> , 2017, 389, 118-129.	4.2	25
431	Tramadol may increase the efficacy of therapeutic plasma exchange in anti-NMDAR encephalitis. <i>Clinical Neurology and Neurosurgery</i> , 2017, 160, 38-39.	1.4	2
432	Trends in Tramadol: Pharmacology, Metabolism, and Misuse. <i>Anesthesia and Analgesia</i> , 2017, 124, 44-51.	2.2	253
434	Epidural tramadol via intraoperatively placed catheter as a standalone analgesic after spinal fusion procedure: An analysis of efficacy and cost. <i>Journal of Neurosciences in Rural Practice</i> , 2017, 08, 055-059.	0.8	0
435	Utilization of Parenteral Morphine by Application of ATC/DDD Methodology: Retrospective Study in the Referral Teaching Hospital. <i>Frontiers in Public Health</i> , 2017, 5, 232.	2.7	6
436	Enantiomeric Separation of Tramadol and Its Metabolites: Method Validation and Application to Environmental Samples. <i>Symmetry</i> , 2017, 9, 170.	2.2	9
437	What Do We Know about Opioids and the Kidney?. <i>International Journal of Molecular Sciences</i> , 2017, 18, 223.	4.1	73

#	ARTICLE	IF	CITATIONS
438	Chronic Pain: How Challenging Are DDIs in the Analgesic Treatment of Inpatients with Multiple Chronic Conditions?. PLoS ONE, 2017, 12, e0168987.	2.5	13
439	Tramadol attenuates the sensitivity of glioblastoma to temozolomide through the suppression of Cx43-mediated gap junction intercellular communication. International Journal of Oncology, 2018, 52, 295-304.	3.3	10
440	Successful treatment of mixed (mainly cancer) pain by tramadol preparations. Journal of Medical Investigation, 2017, 64, 311-312.	0.5	0
442	Opioid Prescription Trends Among Patients With Cancer Referred to Outpatient Palliative Care Over a 6-Year Period. Journal of Oncology Practice, 2017, 13, e972-e981.	2.5	59
443	The effects of tramadol administration on hippocampal cell apoptosis, learning and memory in adult rats and neuroprotective effects of crocin. Metabolic Brain Disease, 2018, 33, 907-916.	2.9	57
444	Small intestine strictures in opium addicts: An unrecognized cause of intestinal obstruction. Indian Journal of Gastroenterology, 2018, 37, 169-173.	1.4	5
445	Development of a linear dual column HPLC-MS/MS method and clinical genetic evaluation for tramadol and its phase I and II metabolites in oral fluid. Archives of Pharmacal Research, 2018, 41, 288-298.	6.3	11
446	The Assessment and Management of Pain in Cirrhosis. Current Hepatology Reports, 2018, 17, 42-51.	0.9	27
447	Complex Drug-Drug-Gene-Disease Interactions Involving Cytochromes P450: Systematic Review of Published Case Reports and Clinical Perspectives. Clinical Pharmacokinetics, 2018, 57, 1267-1293.	3.5	36
448	Pain-Relieving Effectiveness of Co-Treatment with Local Tramadol and Systemic Minocycline in Carrageenan-Induced Inflammatory Pain Model. Inflammation, 2018, 41, 1238-1249.	3.8	7
449	The effect of tramadol on sneeze-induced urethral continence reflex through μ -opioid receptors in the spinal cord in rats. Neurourology and Urodynamics, 2018, 37, 1605-1611.	1.5	5
450	Comparative pharmacology and toxicology of tramadol and tapentadol. European Journal of Pain, 2018, 22, 827-844.	2.8	63
451	Opioid Use Disorders Attributed to Tramadol Among Egyptian University Students. Journal of Addiction Medicine, 2018, 12, 150-155.	2.6	35
452	Recognizing and Treating Pain in Horses. , 2018, , 138-157.		4
453	Laparoscopic Surgery's 100 Most Influential Manuscripts: A Bibliometric Analysis. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2018, 28, 13-19.	0.8	13
454	Tramadol ameliorates behavioural, biochemical, mitochondrial and histological alterations in ICV-STZ-induced sporadic dementia of Alzheimer's type in rats. Inflammopharmacology, 2018, 26, 925-938.	3.9	10
455	High-dose thiotepa-related neurotoxicity and the role of tramadol in children. BMC Cancer, 2018, 18, 177.	2.6	11
456	Bilateral acute angle-closure glaucoma following tramadol subcutaneous administration. BMC Ophthalmology, 2018, 18, 50.	1.4	6

#	ARTICLE	IF	CITATIONS
457	Tramadol, breast feeding and safety in the newborn. Archives of Disease in Childhood, 2018, 103, 1110-1113.	1.9	22
458	Comparison of tramadol/acetaminophen fixed-dose combination, tramadol, and acetaminophen in patients undergoing ambulatory arthroscopic meniscectomy. Acta Orthopaedica Et Traumatologica Turcica, 2018, 52, 222-225.	0.8	7
459	Maxillary nerve block as part of a multimodal anaesthesia in a lactating red-necked wallaby (Macropus) Tj ETQq0 0.0 rgBT /Q Overlock 1	0.2	2
460	Genetic polymorphisms of cytochrome P450 2D6 (CYP2D6) are associated with long term tramadol treatment-induced oxidative damage and hepatotoxicity. Toxicology and Applied Pharmacology, 2018, 346, 37-44.	2.8	24
461	Effect of Transcutaneous Electric Nerve Stimulation on Pain after Total Knee Arthroplasty: A Blind Randomized Controlled Trial. Journal of Knee Surgery, 2018, 31, 189-196.	1.6	8
462	Semi-quantitative analysis of tramadol, dextromethorphan, and metabolites in decomposed skeletal tissues by ultra performance liquid chromatography quadrupole time of flight mass spectrometry. Drug Testing and Analysis, 2018, 10, 961-967.	2.6	8
463	Pharmacokinetics of multiple doses of co-crystal of tramadol- celecoxib: findings from a four-way randomized open-label phase I clinical trial. British Journal of Clinical Pharmacology, 2018, 84, 64-78.	2.4	17
464	Is naloxone the best antidote to reverse tramadol-induced neuro-respiratory toxicity in overdose? An experimental investigation in the rat. Clinical Toxicology, 2018, 56, 737-743.	1.9	25
465	Opioids Used for Mild to Moderate Pain. , 2018, , 385-388.e1.		0
466	Efficacy, chondrotoxicity and plasma concentrations of tramadol following intra-articular administration in horses undergoing arthroscopy: preliminary findings. Veterinary Quarterly, 2018, 38, 129-137.	6.7	2
467	Recent advances in improving oral drug bioavailability by cocrystals. BiolImpacts, 2018, 8, 305-320.	1.5	77
468	Pain and Pain Management. , 2018, , 1-29.		1
469	Comparison of different sufentanil–tramadol combinations for pain relief within the first 24 hours after cesarean section: a retrospective study. Journal of Pain Research, 2018, Volume 11, 2445-2451.	2.0	7
470	Tramadol: a valuable treatment for pain in Southeast Asian countries. Journal of Pain Research, 2018, Volume 11, 2567-2575.	2.0	7
471	Patient-controlled intravenous tramadol versus patient-controlled intravenous hydromorphone for analgesia after secondary cesarean delivery: a randomized controlled trial to compare analgesic, anti-anxiety and anti-depression effects. Journal of Pain Research, 2018, Volume 12, 49-59.	2.0	14
472	Prescription Medication Misuse. Seminars in Neurology, 2018, 38, 654-664.	1.4	2
473	LC-MS/MS Quantification of Tramadol and Gabapentin Utilizing Solid Phase Extraction. International Journal of Analytical Chemistry, 2018, 2018, 1-9.	1.0	13
474	Evaluation of Prophylactic and Therapeutic Effects of Tramadol and Tramadol Plus Magnesium Sulfate in an Acute Inflammatory Model of Pain and Edema in Rats. Frontiers in Pharmacology, 2018, 9, 1326.	3.5	4

#	ARTICLE	IF	CITATIONS
475	Tramadol dispensing patterns and trends in Canada, 2007â€2016. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 396-400.	1.9	6
476	Opioids in Breast Milk: Pharmacokinetic Principles and Clinical Implications. <i>Journal of Clinical Pharmacology</i> , 2018, 58, S151-S163.	2.0	40
477	Designing safer analgesics: a focus on μ -opioid receptor pathways. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 965-972.	5.0	29
478	Co-crystal of Tramadolâ€Celecoxib in Patients with Moderate to Severe Acute Post-surgical Oral Pain: A Dose-Finding, Randomised, Double-Blind, Placebo- and Active-Controlled, Multicentre, Phase II Trial. <i>Drugs in R and D</i> , 2018, 18, 137-148.	2.2	30
479	Tramadol (opioid) abuse is associated with a dose- and time-dependent poor sperm quality and hyperprolactinaemia in young men. <i>Andrologia</i> , 2018, 50, e13026.	2.1	28
480	Acute tramadol enhances brain activity associated with reward anticipation in the nucleus accumbens. <i>Psychopharmacology</i> , 2018, 235, 2631-2642.	3.1	12
481	Administration of a co-crystal of tramadol and celecoxib in a 1:1 molecular ratio produces synergistic antinociceptive effects in a postoperative pain model in rats. <i>European Journal of Pharmacology</i> , 2018, 833, 370-378.	3.5	26
482	Pain Therapy Guided by Purpose and Perspective in Light of the Opioid Epidemic. <i>Frontiers in Psychiatry</i> , 2018, 9, 119.	2.6	63
483	What Role Has Emergency Medicine Played in the Opioid Epidemic? Partner in Crime or Canary in the Coal Mine?. <i>Annals of Emergency Medicine</i> , 2018, 72, 214-221.	0.6	2
484	Impact of CYP genotype and inflammatory markers on the plasma concentrations of tramadol and its demethylated metabolites and drug tolerability in cancer patients. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1461-1469.	1.9	24
485	Pain and Pain Management. , 2018, , 1-30.		0
486	Enantioselective pharmacokinetics of tramadol and its three main metabolites; impact of <i>CYP2D6</i> , <i>CYP2B6</i> , and <i>CYP3A4</i> genotype. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00419.	2.4	16
487	Chiral Drug Analysis in Forensic Chemistry: An Overview. <i>Molecules</i> , 2018, 23, 262.	3.8	59
488	Controlled-release in-situ gel forming formulation of tramadol containing chitosan-based pro-nanogels. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1449-1454.	7.5	15
489	Tramadol: Understanding the Risk of Serotonin Syndrome and Seizures. <i>American Journal of Medicine</i> , 2018, 131, 1382.e1-1382.e6.	1.5	89
490	Correlation between plasma concentrations of tramadol and its metabolites and the incidence of seizure in tramadol-intoxicated patients. <i>Drug Metabolism and Personalized Therapy</i> , 2018, 33, 75-83.	0.6	16
491	Linking Aromatic Hydroxy Metabolic Functionalization of Drug Molecules to Structure and Pharmacologic Activity. <i>Molecules</i> , 2018, 23, 2119.	3.8	19
492	A pharmacokinetic drug-drug interaction study between pregabalin and tramadol in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 1605-1613.	1.9	9

#	ARTICLE	IF	CITATIONS
493	Tramadol-induced hepato- and nephrotoxicity in rats: Role of Curcumin and Gallic acid as antioxidants. PLoS ONE, 2018, 13, e0202110.	2.5	27
494	Drug–drug interactions involving antidepressants: focus on desvenlafaxine. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 567-580.	2.2	32
495	Tramadol Hydrochloride at Steady State Lacks Clinically Relevant QTc Interval Increases in Healthy Adults. Clinical Pharmacology in Drug Development, 2019, 8, 95-106.	1.6	7
496	Pharmacokinetics and Pharmacology of Drugs Used in Children. , 2019, , 100-176.e45.		5
497	Individual shortâacting opioids and the risk of opioidârelated adverse events in adolescents. Pharmacoepidemiology and Drug Safety, 2019, 28, 1448-1456.	1.9	16
498	Ramose tron Does Not Reduce the Analgesic Efficacy of Tramadol after Gynecological Laparoscopic Surgery. BioMed Research International, 2019, 2019, 1-6.	1.9	0
499	Caffeine attenuates seizure and brain mitochondrial disruption induced by Tramadol: the role of adenosinergic pathway. Drug and Chemical Toxicology, 2021, 44, 613-619.	2.3	15
500	A Systematic Review of Laboratory Evidence for the Abuse Potential of Tramadol in Humans. Frontiers in Psychiatry, 2019, 10, 704.	2.6	34
501	Facilitators to the continuous abuse of tramadol among the youth: A qualitative study in Northern Ghana. Nursing Open, 2019, 6, 1388-1398.	2.4	22
502	<i>meta</i> Câ€“H Arylation of Electron-Rich Arenes: Reversing the Conventional Site Selectivity. Journal of the American Chemical Society, 2019, 141, 14870-14877.	13.7	70
503	<p>Co-crystals as a new approach to multimodal analgesia and the treatment of pain</p>. Journal of Pain Research, 2019, Volume 12, 2679-2689.	2.0	20
504	Severe complications of tramadol overdose in Iran. Epidemiology and Health, 2019, 41, e2019026.	1.9	13
505	Adjuvant Analgesics in Acute Pain Management. Veterinary Clinics of North America - Small Animal Practice, 2019, 49, 1127-1141.	1.5	19
506	Population Pharmacokinetic/Pharmacodynamic Modeling of O-Desmethy tramadol in Young and Elderly Healthy Volunteers. Drugs and Aging, 2019, 36, 747-758.	2.7	2
507	Safety of Opioids in Osteoarthritis: Outcomes of a Systematic Review and Meta-Analysis. Drugs and Aging, 2019, 36, 129-143.	2.7	57
508	Pain and Pain Management. , 2019, , 149-177.		3
509	Leaching behavior of pharmaceuticals and their metabolites in the soil environment. Chemosphere, 2019, 231, 269-275.	8.2	15
510	Chronic use of tramadol after acute pain episode: cohort study. BMJ: British Medical Journal, 2019, 365, l1849.	2.3	85

#	ARTICLE	IF	CITATIONS
511	Evaluating the effects of continuous intravenous infusions of tramadol and tramadol-lidocaine on sevoflurane minimum alveolar concentration (MAC) and entropy values in dogs. Journal of Veterinary Medical Science, 2019, 81, 682-688.	0.9	9
512	Revisiting Tramadol: A Multi-Modal Agent for Pain Management. CNS Drugs, 2019, 33, 481-501.	5.9	41
513	Desmetramadol Has the Safety and Analgesic Profile of Tramadol Without Its Metabolic Liabilities: Consecutive Randomized, Double-Blind, Placebo- and Active Comparator-Controlled Trials. Journal of Pain, 2019, 20, 1218-1235.	1.4	10
514	Chiral separation of tramadol enantiomers by capillary electrophoresis using cyclodextrins as chiral selectors and experimental design method optimization. Chemical Papers, 2019, 73, 2363-2370.	2.2	15
515	The problem of pain: Additive analgesic effect of tramadol and buprenorphine in a patient with opioid use disorder. Substance Abuse, 2019, 40, 136-139.	2.3	2
516	Seizures induced by tramadol overdose: what is the respective contribution of tramadol and each of its metabolites?. Drug Metabolism and Personalized Therapy, 2019, 34, .	0.6	0
517	Therapeutic developments in equine pain management. Veterinary Journal, 2019, 247, 50-56.	1.7	13
518	The effect of lidocaine and tramadol in nasal packs on pain after septoplasty. European Archives of Oto-Rhino-Laryngology, 2019, 276, 1663-1669.	1.6	8
519	Randomized controlled trial comparing bilateral superficial cervical plexus block and local wound infiltration for pain control in thyroid surgery. Asian Journal of Surgery, 2019, 42, 1001-1008.	0.4	12
520	Effect of Submucosal Injection of Tramadol on Postoperative Pain After Third Molar Surgery. Journal of Oral and Maxillofacial Surgery, 2019, 77, 1752-1759.	1.2	5
521	Tramadol/dexketoprofen (TRAM/DKP) compared with tramadol/paracetamol in moderate to severe acute pain: results of a randomised, double-blind, placebo and active-controlled, parallel group trial in the impacted third molar extraction pain model (DAVID study). BMJ Open, 2019, 9, e023715.	1.9	36
522	Spinal Imaging, Stability and Management of Spine Pain due to Cancer. , 2019, , 133-152.		0
523	Effect of Premedication on the Success of Inferior Alveolar Nerve Block in Patients with Irreversible Pulpitis: A Systematic Review of the Literature. BioMed Research International, 2019, 2019, 1-25.	1.9	11
524	Sympathetic afferents in the hypogastric nerve facilitate nociceptive bladder activity in cats. American Journal of Physiology - Renal Physiology, 2019, 316, F703-F711.	2.7	5
525	Recognition of tramadol abuse, dispensing practices, and opinions about its control policy among community pharmacists in Bangkok, Thailand. Asian Biomedicine, 2019, 12, 91-99.	0.3	2
526	Determination of Common Pharmaceutical Adulterants in Herbal Medicinal Products Used in the Treatment of Opioid Addiction. , 2019, 9, 243-254.		1
527	Evaluation of the Effect of CYP2D6 Genotypes on Tramadol and O-Desmethyltramadol Pharmacokinetic Profiles in a Korean Population Using Physiologically-Based Pharmacokinetic Modeling. Pharmaceutics, 2019, 11, 618.	4.5	4
528	An overview of tramadol and its usage in pain management and future perspective. Biomedicine and Pharmacotherapy, 2019, 111, 443-451.	5.6	99

#	ARTICLE	IF	CITATIONS
529	DARK Classics in Chemical Neuroscience: Opium, a Friend or Foe. ACS Chemical Neuroscience, 2019, 10, 182-189.	3.5	6
530	Serotonin and Norepinephrine Transporter Occupancy of Tramadol in Nonhuman Primate Using Positron Emission Tomography. International Journal of Neuropsychopharmacology, 2019, 22, 53-56.	2.1	5
531	Development of a novel LC-MS/MS method for detection and quantification of tramadol hydrochloride in presence of some mislabeled drugs: Application to counterfeit study. Biomedical Chromatography, 2019, 33, e4486.	1.7	11
532	Essential pharmacologic options for acute pain management in the emergency setting. Turkish Journal of Emergency Medicine, 2019, 19, 1-11.	0.9	19
533	Oral Coadministration of Fluconazole with Tramadol Markedly Increases Plasma and Urine Concentrations of Tramadol and the <i>O</i> -Desmethyltramadol Metabolite in Healthy Dogs. Drug Metabolism and Disposition, 2019, 47, 15-25.	3.3	15
534	Theranostic pharmacology in PTSD: Neurobiology and timing. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 245-263.	4.8	7
535	Inclusion complex of Tramadol in β -cyclodextrin enhances fluorescence by preventing self-quenching. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2019, 93, 253-264.	1.6	5
536	Tramadol hydrochloride: An alternative to conventional local anaesthetics for intraoral procedures- a preliminary study. Journal of Oral Biology and Craniofacial Research, 2019, 9, 111-114.	1.9	6
537	PBPK and its Virtual Populations: the Impact of Physiology on Pediatric Pharmacokinetic Predictions of Tramadol. AAPS Journal, 2019, 21, 8.	4.4	26
538	Comparison of Local Anaesthetic Efficacy of Tramadol Versus Lignocaine for Extraction of Tooth Under Supraperiosteal Infiltration. Journal of Maxillofacial and Oral Surgery, 2019, 18, 100-105.	1.4	6
539	Rat brain CYP2D activity alters <i>in vivo</i> central oxycodone metabolism, levels and resulting analgesia. Addiction Biology, 2019, 24, 228-238.	2.6	14
540	A genome-wide association study of tramadol metabolism from post-mortem samples. Pharmacogenomics Journal, 2020, 20, 94-103.	2.0	3
541	Vitamin E supplementation ameliorates the hepatotoxicity induced by Tramadol: toxicological, histological and immunohistochemical study. Toxicology Mechanisms and Methods, 2020, 30, 177-188.	2.7	11
542	Association of tramadol with risk of myocardial infarction among patients with osteoarthritis. Osteoarthritis and Cartilage, 2020, 28, 137-145.	1.3	13
543	Comparing the Pharmacokinetics of 2 Novel Intravenous Tramadol Dosing Regimens to Oral Tramadol: A Randomized 3-Arm Crossover Study. Clinical Pharmacology in Drug Development, 2020, 9, 537-546.	1.6	6
544	Comparison of the Anesthetic Efficiency of Lidocaine and Tramadol Hydrochloride in Orthodontic Extractions: A Split-Mouth, Prospective, Randomized, Double-Blind Study. Journal of Oral and Maxillofacial Surgery, 2020, 78, 52-62.	1.2	6
545	Theoretical investigation of the molecular structure, vibrational spectra, and molecular docking of tramadol using density functional theory. Journal of the Chinese Chemical Society, 2020, 67, 62-71.	1.4	10
546	Efficacy and safety of Tramadol as an analgesic in women undergoing vaginoscopic hysteroscopy: a randomized placebo-controlled trial. Journal of Obstetrics and Gynaecology, 2020, 40, 678-683.	0.9	3

#	ARTICLE	IF	CITATIONS
547	The effect of pretreatment submucosal injections of tramadol and dexamethasone on post-endodontic pain in mandibular molar teeth with symptomatic irreversible pulpitis: a randomized controlled clinical trial. International Endodontic Journal, 2020, 53, 176-185.	5.0	21
548	Vitamin E administration does not ameliorate tramadol-associated impairment of testicular function in Wistar rats. Andrologia, 2020, 52, e13454.	2.1	7
549	Desmetramadol Is Identified as a G-Protein Biased μ Opioid Receptor Agonist. Frontiers in Pharmacology, 2019, 10, 1680.	3.5	10
550	Opioid Use After Hospital Care due to Hip Fracture Among Community-Dwelling Persons With and Without Alzheimer's Disease. Drugs and Aging, 2020, 37, 193-203.	2.7	1
551	Tramadol-associated hallucinations: a systematic review and narrative synthesis of their pathophysiology, diagnosis, and treatment. Canadian Journal of Anaesthesia, 2020, 67, 360-368.	1.6	5
552	Removing abuse-prone prescription medication from fueling the national opioid crisis through community engagement and surgeon leadership: results of a local drug take-back event. Surgery Open Science, 2020, 2, 34-41.	1.2	1
553	Opioid-induced bowel disorder and narcotic bowel syndrome. , 2020, , 463-475.		2
554	The Effect of Perioperative Music on Medication Requirement and Hospital Length of Stay. Annals of Surgery, 2020, 272, 961-972.	4.2	41
555	Efficacy and Safety of Intravenous Tramadol versus Intravenous Paracetamol for Relief of Acute Pain of Primary Dysmenorrhea: A Randomized Controlled Trial. Gynecologic and Obstetric Investigation, 2020, 85, 388-395.	1.6	3
556	<p>Quantification of Opioid Prescription Practice Changes Due to Hydrocodone Combination Product Rescheduling in an Academic Pain Clinic</p>. Journal of Pain Research, 2020, Volume 13, 2163-2168.	2.0	2
557	Efficacy and Safety of Intravenously Administered Tramadol in Patients with Moderate to Severe Pain Following Bunionectomy: A Randomized, Double-Blind, Placebo-Controlled, Dose-Finding Study. Pain and Therapy, 2020, 9, 545-562.	3.2	6
558	Repeated Administration of Clinical Doses of Tramadol and Tapentadol Causes Hepato- and Nephrotoxic Effects in Wistar Rats. Pharmaceuticals, 2020, 13, 149.	3.8	11
559	Pharmacogenomics for Primary Care: An Overview. Genes, 2020, 11, 1337.	2.4	30
560	Prescription Opioids: An Overview. , 2020, , 17-41.		2
561	Oral pharmacotherapeutics for the management of peripheral neuropathic pain conditions â€“ a review of clinical trials. Expert Opinion on Pharmacotherapy, 2020, 21, 2231-2248.	1.8	7
562	The role of cannabinoid 1 receptor in the nucleus accumbens on tramadol induced conditioning and reinstatement. Life Sciences, 2020, 260, 118430.	4.3	4
563	Chemical Characterization and Suppressor Potent of <i>Juglans regia</i> Essential Oil on Tramadol-Induced Cell Death. Journal of Essential Oil-bearing Plants: JEOP, 2020, 23, 849-861.	1.9	3
564	Evaluation of Phenotypic and Genotypic Variations of Drug Metabolising Enzymes and Transporters in Chronic Pain Patients Facing Adverse Drug Reactions or Non-Response to Analgesics: A Retrospective Study. Journal of Personalized Medicine, 2020, 10, 198.	2.5	10

#	ARTICLE	IF	CITATIONS
565	Is pain temporary and glory forever? Detection of tramadol using dried blood spot in cycling competitions. <i>Drug Testing and Analysis</i> , 2020, 12, 1649-1657.	2.6	11
566	Pharmacological Management of Adults with Chronic Non-Cancer Pain in General Practice. <i>Pain and Therapy</i> , 2020, 9, 17-28.	3.2	5
567	Improving Medication-Related Outcomes in Chronic Liver Disease. <i>Hepatology Communications</i> , 2020, 4, 1562-1577.	4.3	14
568	US FDA-validated green GC-MS method for analysis of gabapentin, tramadol and/or amitriptyline mixtures in biological fluids. <i>Bioanalysis</i> , 2020, 12, 1521-1533.	1.5	4
569	Clinical characteristics distinguishing tramadol-using adolescents from other substance-using adolescents in an out-patient treatment setting. <i>Addictive Behaviors Reports</i> , 2020, 11, 100272.	1.9	6
570	Tramadol-associated seizures in Egypt: Epidemiological, clinical, and radiological study. <i>NeuroToxicology</i> , 2020, 79, 122-126.	3.0	9
571	Pharmacokinetics and analgesic efficacy of intranasal administration of tramadol in dogs after ovariohysterectomy. <i>Veterinary Anaesthesia and Analgesia</i> , 2020, 47, 557-566.	0.6	4
572	Neurotoxic, Hepatotoxic and Nephrotoxic Effects of Tramadol Administration in Rats. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1934-1942.	2.3	10
573	ADME and toxicity considerations for tramadol: from basic research to clinical implications. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 627-640.	3.3	18
574	Efficacy and Safety of Two Fixed-Dose Combinations of Tramadol Hydrochloride and Diclofenac Sodium in Postoperative Dental Pain. <i>Pain Medicine</i> , 2020, 21, 2447-2457.	1.9	6
575	Misuse of Tramadol in the United States: An Analysis of the National Survey of Drug Use and Health 2002-2017. <i>Substance Abuse: Research and Treatment</i> , 2020, 14, 117822182093000.	0.9	20
576	Involvement of CYP2D6 and CYP2B6 on tramadol pharmacokinetics. <i>Pharmacogenomics</i> , 2020, 21, 663-675.	1.3	8
577	Tramadol abuse among workers in an industrial city in mid-Nile Delta region, Egypt. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37549-37556.	5.3	15
578	What the lab can and cannot do: clinical interpretation of drug testing results. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 548-585.	6.1	18
579	<p>IV Tramadol â€“ A New Treatment Option for Management of Post-Operative Pain in the US: An Open-Label, Single-Arm, Safety Trial Including Various Types of Surgery<p>. <i>Journal of Pain Research</i> , 2020, Volume 13, 1155-1162.	2.0	6
580	A comprehensive review of partial opioid agonists for the treatment of chronic pain. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 449-461.	4.0	18
581	Effect of prilocaine and its combination with tramadol on anxiety and pain during nasal packing removal. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 1385-1390.	1.6	4
582	Tramadol/Diclofenac Fixed-Dose Combination: A Review of Its Use in Severe Acute Pain. <i>Pain and Therapy</i> , 2020, 9, 113-128.	3.2	9

#	ARTICLE	IF	CITATIONS
583	Tramadol administration induced hippocampal cells apoptosis, astrogliosis, and microgliosis in juvenile and adult male mice, histological and immunohistochemical study. Ultrastructural Pathology, 2020, 44, 81-102.	0.9	7
584	Efficacy of submucosal tramadol and lidocaine on success rate of inferior alveolar nerve block in mandibular molars with symptomatic irreversible pulpitis. Odontology / the Society of the Nippon Dental University, 2020, 108, 433-440.	1.9	6
585	Photocatalysis as a Tool for in Vitro Drug Metabolism Simulation: Multivariate Comparison of Twelve Metal Oxides on a Set of Twenty Model Drugs. Catalysts, 2020, 10, 26.	3.5	5
586	Moringa oleifera leaves extract modulates toxicity, sperms alterations, oxidative stress, and testicular damage induced by tramadol in male rats. Toxicology Research, 2020, 9, 101-106.	2.1	14
587	Evaluation of Tramadol Hydrochloride Toxicity to Juvenile Zebrafish "Morphological, Antioxidant and Histological Responses. Applied Sciences (Switzerland), 2020, 10, 2349.	2.5	35
588	A new nanovesicular system for nasal drug administration. International Journal of Pharmaceutics, 2020, 580, 119243.	5.2	12
589	Association of Opioids and Nonsteroidal Anti-inflammatory Drugs With Outcomes in CKD: Findings From the CRIC (Chronic Renal Insufficiency Cohort) Study. American Journal of Kidney Diseases, 2020, 76, 184-193.	1.9	35
590	Poikilocytosis and tissue damage as negative impacts of tramadol on juvenile of Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Overl	4.0	10
591	Pain management during diagnostic office hysteroscopy in postmenopausal women: a randomized study. Climacteric, 2020, 23, 397-403.	2.4	4
592	Pomegranate Seeds Extract Possesses a Protective Effect against Tramadol-Induced Testicular Toxicity in Experimental Rats. BioMed Research International, 2020, 2020, 1-12.	1.9	9
593	<p><The Trend of Labor Analgesia in the World and China: A Bibliometric Analysis of Publications in Recent 30 Years</p>. Journal of Pain Research, 2020, Volume 13, 517-526.	2.0	8
594	Dynamic Distribution and Postmortem Redistribution of Tramadol in Poisoned Rats. Journal of Analytical Toxicology, 2021, 45, 203-210.	2.8	3
595	Preoperative Analgesia, Complications, and Resource Utilization After Total Hip Arthroplasty: Tramadol Is Associated With Less Risk Than Other Preoperative Opioid Medications. Journal of Arthroplasty, 2021, 36, 180-186.	3.1	4
596	Relationship Between Tramadol Response and Cancer Cachexia: A Retrospective Cohort Study. American Journal of Hospice and Palliative Medicine, 2021, 38, 276-282.	1.4	2
597	Ecologically evaluated and FDA validated HPTLC method for assay of pregabalin and tramadol in human biological fluids. Biomedical Chromatography, 2021, 35, e5023.	1.7	0
598	Preconditioning by ultra-low dose of tramadol reduces the severity of tramadol-induced seizure: Contribution of glutamate receptors. Biomedicine and Pharmacotherapy, 2021, 133, 111031.	5.6	4
599	Tramadol sensing in non-invasive biological fluids using a voltammetric electronic tongue and an electrochemical sensor based on biomimetic recognition. International Journal of Pharmaceutics, 2021, 593, 120114.	5.2	21
600	Pharmacokinetic properties of tramadol and M1 metabolite in Northeast Brazilian donkeys (Equus) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	2

#	ARTICLE	IF	CITATIONS
601	The plausible mechanisms of tramadol for treatment of COVID-19. Medical Hypotheses, 2021, 146, 110468.	1.5	14
602	Impact of CYP2D6 activity and cachexia progression on enantiomeric alteration of plasma tramadol and its demethylated metabolites and their relationships with central nervous system symptoms in head and neck cancer patients. Basic and Clinical Pharmacology and Toxicology, 2021, 128, 472-481.	2.5	3
603	Pain management in hidradenitis suppurativa and a proposed treatment algorithm. Journal of the American Academy of Dermatology, 2021, 85, 187-199.	1.2	37
604	A Comparison of International Management Guidelines for Hidradenitis Suppurativa. Dermatology, 2021, 237, 81-96.	2.1	68
605	Opioid and Benzodiazepine Use in Women With Breast Cancer: More Work on the Horizon. Journal of the National Comprehensive Cancer Network: JNCCN, 2021, 19, 119-120.	4.9	0
606	Repeated Administration of Clinically Relevant Doses of the Prescription Opioids Tramadol and Tapentadol Causes Lung, Cardiac, and Brain Toxicity in Wistar Rats. Pharmaceuticals, 2021, 14, 97.	3.8	10
607	Dangerous and deadly phenytoin-induced idiosyncratic mydriatic reaction in an epileptic patient precipitating a bilateral acute angle-closure attack. Indian Journal of Ophthalmology Case Reports, 2021, 1, 509.	0.1	1
608	Critical Illness and Geriatrics. , 2021, , 165-177.		0
609	Drug repurposing for opioid use disorders: integration of computational prediction, clinical corroboration, and mechanism of action analyses. Molecular Psychiatry, 2021, 26, 5286-5296.	7.9	19
610	Novel evidence on the effect of tramadol on self-paced high-intensity cycling. Journal of Sports Sciences, 2021, 39, 1452-1460.	2.0	7
611	Opioids in Pain. , 2021, , 229-244.		0
612	Intra-articular use of analgesic/ant inflammatory drugs in dogs and horses. Research in Veterinary Science, 2021, 134, 159-170.	1.9	2
613	Changes on proteomic and metabolomic profile in serum of mice induced by chronic exposure to tramadol. Scientific Reports, 2021, 11, 1454.	3.3	5
614	Research and Progress of Analgesia after Cesarean Section. Advances in Clinical Medicine, 2021, 11, 3238-3245.	0.0	0
615	ESI-MS/MS for Therapeutic Drug Monitoring of Binary Mixture of Pregabalin and Tramadol: Human Plasma and Urine Applications. Separations, 2021, 8, 21.	2.4	7
616	Narcotic Use for Acute Postoperative Pain Management in Mohs Micrographic Surgery Patients With End Stage Renal Disease: A Review of the Literature. Dermatologic Surgery, 2021, 47, 454-461.	0.8	0
617	HPLC and UPLC-MS/MS methods for analyzing TRAMADOL in 70 medicinal illegal products: Application to counterfeit study. Microchemical Journal, 2021, 161, 105823.	4.5	0
618	Pharmacogenomics in Pain Management: A Review of Relevant Gene-Drug Associations and Clinical Considerations. Annals of Pharmacotherapy, 2021, 55, 1486-1501.	1.9	9

#	ARTICLE	IF	CITATIONS
619	Pharmacokinetic profile of injectable tramadol in the koala (<i>Phascolarctos cinereus</i>) and prediction of its analgesic efficacy. <i>PLoS ONE</i> , 2021, 16, e0247546.	2.5	4
620	Les opioïdes par voie orale en remplacement de la codéine pour contrôler la douleur chez les enfants. <i>Paediatrics and Child Health</i> , 2021, 26, 124-127.	0.6	0
621	The use of oral opioids to control children's pain in the post-codeine era. <i>Paediatrics and Child Health</i> , 2021, 26, 120-123.	0.6	6
622	A review on tramadol toxicity: mechanism of action, clinical presentation, and treatment. <i>Forensic Toxicology</i> , 2021, 39, 293-310.	2.4	31
623	COMPARISON OF TRAMADOL AS AN ADJUVANT TO INTRATHECAL ISOBARIC LEVOBUPIVACAINE FOR ELECTIVE LOWER LIMB SURGERIES UNDER SPINAL ANESTHESIA. , 2021, , 53-55.		0
624	Evaluation of tramadol human pharmacokinetics and safety after co-administration of magnesium ions in randomized, single- and multiple-dose studies. <i>Pharmacological Reports</i> , 2021, 73, 604-614.	3.3	2
625	Managing pain associated with dermatologic procedures. <i>International Journal of Dermatology</i> , 2021, 60, e480-e485.	1.0	0
626	Antidepressants and Antipsychotic Agents as Repurposable Oncological Drug Candidates. <i>Current Medicinal Chemistry</i> , 2021, 28, 2137-2174.	2.4	10
627	Structural basis of norepinephrine recognition and transport inhibition in neurotransmitter transporters. <i>Nature Communications</i> , 2021, 12, 2199.	12.8	24
628	An Abductive Inference Approach to Assess the Performance-Enhancing Effects of Drugs Included on the World Anti-Doping Agency Prohibited List. <i>Sports Medicine</i> , 2021, 51, 1353-1376.	6.5	13
629	Different Pharmacokinetics of Tramadol, O-Demethyltramadol and N-Demethyltramadol in Postoperative Surgical Patients From Those Observed in Medical Patients. <i>Frontiers in Pharmacology</i> , 2021, 12, 656748.	3.5	3
630	Unrecognized Postoperative Opioid-Induced Movement Disorder: A Case Report. <i>A&A Practice</i> , 2021, 15, e01448.	0.4	0
631	Perimortem Distribution of U-47700, Tramadol and Their Main Metabolites in Pigs Following Intravenous Administration. <i>Journal of Analytical Toxicology</i> , 2022, 46, 479-486.	2.8	6
632	Toxicities of opioid analgesics: respiratory depression, histamine release, hemodynamic changes, hypersensitivity, serotonin toxicity. <i>Archives of Toxicology</i> , 2021, 95, 2627-2642.	4.2	44
633	Influence of Genetic Polymorphisms on the Response to Tramadol, Ibuprofen, and the Combination in Patients With Moderate to Severe Pain After Dental Surgery. <i>Clinical Therapeutics</i> , 2021, 43, e86-e102.	2.5	4
634	A Patient-Controlled Intravenous Analgesia With Tramadol Ameliorates Postpartum Depression in High-Risk Woman After Cesarean Section: A Randomized Controlled Trial. <i>Frontiers in Medicine</i> , 2021, 8, 679159.	2.6	7
635	EEG and Sleep Effects of Tramadol Suggest Potential Antidepressant Effects with Different Mechanisms of Action. <i>Pharmaceuticals</i> , 2021, 14, 431.	3.8	7
636	Exploration of Analgesia with Tramadol in the Cocksackievirus B3 Myocarditis Mouse Model. <i>Viruses</i> , 2021, 13, 1222.	3.3	2

#	ARTICLE	IF	CITATIONS
638	Analysis of 39 drugs and metabolites, including 8 glucuronide conjugates, in an upstream wastewater network via HPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1176, 122747.	2.3	6
639	Codeine and Tramadol Use in Athletes: A Potential for Abuse. Frontiers in Pharmacology, 2021, 12, 661781.	3.5	10
640	Short Onset and Enhanced Analgesia Following Nasal Administration of Non-Controlled Drugs in Nanovesicular Systems. Pharmaceutics, 2021, 13, 978.	4.5	7
642	Tapentadol Versus Tramadol: A Narrative and Comparative Review of Their Pharmacological, Efficacy and Safety Profiles in Adult Patients. Drugs, 2021, 81, 1257-1272.	10.9	23
643	The Treatment of Painful Diabetic Neuropathy. Current Diabetes Reviews, 2022, 18, .	1.3	25
644	Persistent Opioid Usage After Urologic Intervention and the Impact of Tramadol. Urology, 2021, 157, 114-119.	1.0	3
645	The effect of preoperative submucosal administration of dexamethasone, tramadol, articaine on the success rate of inferior alveolar nerve block on mandibular molars with symptomatic irreversible pulpitis: A randomized, double-blind placebo-controlled clinical trial. International Endodontic Journal, 2021, 54, 1982-1992.	5.0	5
646	Physiologically Based Pharmacokinetic Modeling to Assess the Impact of CYP2D6-Mediated Drug-Drug Interactions on Tramadol and O-desmethyltramadol Exposures via Allosteric and Competitive Inhibition. Journal of Clinical Pharmacology, 2021, , .	2.0	6
647	Full Opioid Agonists and Tramadol: Pharmacological and Clinical Considerations. Anesthesiology and Pain Medicine, 2021, 11, e119156.	1.3	35
648	Supra-inguinal fascia iliaca block in older-old patients for hip fractures: a retrospective study. Brazilian Journal of Anesthesiology (Elsevier), 2023, 73, 711-717.	0.4	0
649	Acute Pain Crisis Caused by Tramadol Remdesivir Drug-Drug Interaction. Journal of Palliative Medicine, 2021, 24, 1582-1584.	1.1	4
650	Pharmacogenetics and Tramadol-Related Fatalities. , 0, , .		1
651	Chronic exposure to tramadol induces cardiac inflammation and endothelial dysfunction in mice. Scientific Reports, 2021, 11, 18772.	3.3	10
652	Morphometric, hematological and oxidative stress changes in Clarias gariepinus following sub-chronic exposure to tramadol. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 248, 109096.	2.6	2
653	Investigation and Resolution of Interference in the LC-MS Detection of 4-MePPP. Journal of Analytical Toxicology, 2021, , .	2.8	2
654	Pediatric Chronic Pain. , 2013, , 147-168.		4
655	Clinical Use of Opioids. , 2013, , 99-110.		2
656	Current Pharmacologic Treatment of Lower Urinary Tract Symptoms. Current Clinical Urology, 2014, , 121-222.	0.0	1

#	ARTICLE	IF	CITATIONS
657	Pharmacokinetics and Pharmacodynamics in the Pediatric Patient. , 2017, , 441-516.		2
658	Intravenous Tramadol is Effective in the Management of Postoperative Pain Following Abdominoplasty: A Three-Arm Randomized Placebo- and Active-Controlled Trial. Drugs in R and D, 2020, 20, 225-236.	2.2	9
659	Pharmacologic Management of Lower Urinary Tract Storage and Emptying Failure. , 2012, , 1967-2002.e14.		4
660	Respiratory roller coaster ride following ambulatory surgery in a young woman: A case report. International Journal of Surgery Case Reports, 2020, 75, 104-107.	0.6	2
661	Spinal 5-HT ₇ Receptors Play an Important Role in the Antinociceptive and Antihyperalgesic Effects of Tramadol and Its Metabolite, O-Desmethytramadol, <i>via</i> Activation of Descending Serotonergic Pathways. Anesthesiology, 2010, 112, 696-710.	2.5	87
662	Etiology and Treatment of Overactive Bladder in Women. Southern Medical Journal, 2011, 104, 34-39.	0.7	9
663	Farmacodinâmica do tramadol administrado pela via intravenosa e intramuscular em cadelas submetidas a ovariectomia - salpingo - histerectomia. Brazilian Journal of Veterinary Research and Animal Science, 2008, 45, 239.	0.2	3
664	Therapeutic experience with tramadol for opioid dependence in a patient with chronic low back pain: a case report. JA Clinical Reports, 2019, 5, 68.	0.7	2
665	Identification of biomarkers for the detection of subtle brain injury after cannabis and/or tramadol administration. Egyptian Journal of Forensic Sciences, 2019, 9, .	1.0	3
666	Negative myoclonus associated with tramadol use. Yeungnam University Journal of Medicine, 2020, 37, 329-331.	1.4	1
667	Response to Vitamin B12 and Folic Acid in Myalgic Encephalomyelitis and Fibromyalgia. PLoS ONE, 2015, 10, e0124648.	2.5	34
668	Effect of tramadol as an adjuvant to local anesthetics for brachial plexus block: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0184649.	2.5	18
669	THE EUROPEAN SOCIETY FOR CLINICAL AND ECONOMIC ASPECTS OF OSTEOPOROSIS AND OSTEOARTHRITIS (ESCEO) ALGORITHM FOR THE MANAGEMENT OF KNEE OSTEOARTHRITIS IS APPLICABLE TO RUSSIAN CLINICAL PRACTICE: A CONSENSUS STATEMENT OF LEADING RUSSIAN AND ESCEO OSTEOARTHRITIS EXPERTS. Nauchno-Prakticheskaya Revmatologiya, 2017, 54, 641-653.	1.0	16
670	A avaliação mecânica da utilização de oxihidróxido de cobalto (III) em sensores eletroquímicos de tramadol. Revista Colombiana De Ciencias Químico Farmacéuticas, 2017, 46, .	0.1	1
671	Tratamento da dor após procedimento cirúrgico ambulatorial. Revista Dor, 2013, 14, 61-67.	0.1	3
672	A study of the neurotoxic effects of tramadol and cannabis in adolescent male albino rats. International Journal of Scientific Reports, 2016, 2, 143.	0.1	16
673	Impact of tramadol and morphine abuse on the activities of acetylcholine esterase, Na ⁺ /K ⁺ -ATPase and related parameters in cerebral cortices of male adult rats. Electronic Physician, 2017, 9, 4027-4034.	0.2	10
674	The immunological and histopathological changes of Tramadol, Tramadol/Acetaminophen and Acetaminophen in male Albino rats - Comparative study - The Egyptian Journal of Hospital Medicine, 2011, 45, 477-503.	0.1	8

#	ARTICLE	IF	CITATIONS
675	Neurobehavioral Consequences Associated with Long Term Tramadol Utilization and Pathological Mechanisms. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 18, 758-768.	1.4	12
676	Simultaneous Determination of Paracetamol and Tramadol in Pharmaceutical Tablets by Derivative UV-Vis Absorption Spectrophotometry. <i>The Open Analytical Chemistry Journal</i> , 2015, 8, 1-6.	2.2	12
677	Diclofenac versus Tramadol in the Treatment of Renal Colic: A Prospective, Randomized Trial. <i>The Open Emergency Medicine Journal</i> , 2011, 4, 9-13.	0.2	5
678	The Clinical Usefulness of Tramadol. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2013, 33, 041-050.	0.0	1
679	Respiratory Apnea in Patients with Acute Poisoning by Tramadol (Two Years Study). <i>Iranian Journal of Toxicology</i> , 2018, 12, 33-35.	0.3	1
680	Acute Tramadol-Induced Cellular Tolerance and Dependence of Ventral Tegmental Area Dopaminergic Neurons: An in Vivo Electrophysiological Study. <i>Basic and Clinical Neuroscience</i> , 2019, 10, 209-224.	0.6	4
681	Pharmacology of Opioids in the Treatment of Chronic Pain Syndromes. <i>Pain Physician</i> , 2011, 4;14, E343-E360.	0.4	79
682	Opioids and Neuropathic Pain. <i>Pain Physician</i> , 2012, 3S;15, ES93-ES110.	0.4	65
683	Tramadol, Pharmacology, Side Effects, and Serotonin Syndrome: A Review. <i>Pain Physician</i> , 2015, 18;4, 395-400.	0.4	81
684	Going beyond efficacy: supportive care and addressing the toxicity of systemic therapy. <i>Current Oncology</i> , 2008, 15, 3-3.	2.2	12
685	Bladder Pharmacology and Treatment of Lower Urinary Tract Symptoms: Recent Advances. <i>UroToday International Journal</i> , 2008, 01, .	0.1	2
686	Efficacy of two doses of tramadol versus bupivacaine in perioperative caudal analgesia in adult hemorrhoidectomy. <i>Saudi Journal of Anaesthesia</i> , 2016, 10, 138.	0.7	3
687	Pre emptive analgesia for reducing pain after cholecystectomy: Oral tramadol vs. acetaminophen codeine. <i>Advanced Biomedical Research</i> , 2013, 2, 12.	0.5	6
688	Preemptive subcutaneous tramadol for post-operative pain in lower abdomen surgeries: A randomized double blinded placebo-control study. <i>Advanced Biomedical Research</i> , 2013, 2, 68.	0.5	5
689	Premedication with oral tramadol reduces severity of postoperative shivering after general anesthesia. <i>Advanced Biomedical Research</i> , 2014, 3, 64.	0.5	5
690	Risk of seizure after naloxone therapy in acute tramadol poisoning: A systematic review with meta-analysis. <i>International Journal of Preventive Medicine</i> , 2019, 10, 183.	0.4	4
691	Designing a pain management protocol for craniotomy: A narrative review and consideration of promising practices. , 2017, 8, 291.		36
692	Antidepressant therapy in patients with cancer: A clinical review. <i>Taiwanese Journal of Psychiatry</i> , 2019, 33, 13.	0.2	8

#	ARTICLE	IF	CITATIONS
693	Some Marker Enzymes and Histological Alteration on the Administration of Tramadol Hydrochloride on Rat Liver. <i>Modern Research in Inflammation</i> , 2018, 07, 9-20.	0.4	1
694	Opioid-sparing effect of selective cyclooxygenase-2 inhibitors on surgical outcomes after open colorectal surgery within an enhanced recovery after surgery protocol. <i>World Journal of Gastrointestinal Oncology</i> , 2016, 8, 543.	2.0	16
695	Pharmacological strategies for the management of cancer pain in developing countries. <i>Pharmacy Practice</i> , 2007, 5, 99-104.	1.5	4
696	Analgesic Efficacy of Tramadol and Butorphanol in Mandibular Third Molar Surgery: A Comparative Study. <i>Journal of Contemporary Dental Practice</i> , 2012, 13, 364-370.	0.5	6
697	Onset of analgesic effect and plasma levels of controlled-release tramadol (Tramadol Contramid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 285-292.	0.5	10
698	A claims analysis of the utilization of tramadol for acute pain in patients prescribed buprenorphine/naloxone for opioid use disorder. <i>Journal of Opioid Management</i> , 2018, 14, 407-413.	0.5	1
699	Pioneering drugs for overactive bladder and detrusor overactivity: Ongoing research and future directions. <i>World Journal of Obstetrics and Gynecology</i> , 2015, 4, 24.	0.5	3
700	Physicochemical properties, in vitro release and in vivo evaluation of tramadol hydrochloride rectal suppository and rectal gel. <i>Asian Biomedicine</i> , 2011, 5, 269-275.	0.3	5
701	Evaluation of Hydrophilic Polymers and their Combinations in Formulation of Sustained-Release Matrix Tablets of Water-Soluble Drug. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2014, 48, 48-59.	0.6	6
702	The Role of Opioids in Pain Management in Elderly Patients with Chronic Kidney Disease: A Review Article. <i>Anesthesiology and Pain Medicine</i> , 2020, 10, e105754.	1.3	13
703	The maternal and neonatal effects of adding tramadol to 2% lidocaine in epidural anesthesia for Cesarean section. <i>Anesthesiology and Pain Medicine</i> , 2011, 1, 25-29.	1.3	8
704	The maternal and neonatal effects of adding tramadol to 2% lidocaine in epidural anesthesia for Cesarean section. <i>Anesthesiology and Pain Medicine</i> , 2011, 1, 25-9.	1.3	37
705	Pain Management in Pediatric Chronic Kidney Disease. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2018, 23, 192-202.	0.5	5
706	Adult Cancer Pain, Version 3.2019, NCCN Clinical Practice Guidelines in Oncology. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2019, 17, 977-1007.	4.9	298
707	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. <i>PeerJ</i> , 2020, 8, e9356.	2.0	8
710	Opioids for chronic pain management in patients with dialysis-dependent kidney failure. <i>Nature Reviews Nephrology</i> , 2022, 18, 113-128.	9.6	14
711	Things We Do for No Reasonâ„¢: Prescribing tramadol for inpatients in pain. <i>Journal of Hospital Medicine</i> , 2022, 17, 306-309.	1.4	0
712	Toxicokinetics of U-47700, tramadol, and their main metabolites in pigs following intravenous administration: is a multiple species allometric scaling approach useful for the extrapolation of toxicokinetic parameters to humans?. <i>Archives of Toxicology</i> , 2021, 95, 3681-3693.	4.2	4

#	ARTICLE	IF	CITATIONS
713	Tramadol versus codeine and the short-term risk of cardiovascular events in patients with non-cancer pain: A population-based cohort study. British Journal of Clinical Pharmacology, 2022, 88, 1824-1834.	2.4	3
714	HPLC-UV assay of tramadol and O-desmethytramadol in human plasma containing other drugs potentially co-administered to participants in a paediatric population pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1184, 122971.	2.3	8
715	Nonopioid Analgesics. , 2006, , 253-303.		0
717	Chapter 3 The development and efficacy of the WHO analgesic ladder. , 2007, , .		0
719	Pharmacokinetics of Specific Drugs. , 2007, , 25-63.		4
721	Minor and Short-Acting Analgesics, Including Opioid Combination Products. , 2008, , 613-641.		1
722	Opiates and Opioids. , 2008, , 367-374.		0
723	TREATMENT OF PAIN. , 2009, , 883-893.		0
724	Effectiveness of Oral Tramadol for Treatment of Non-Malignant Chronic Pain. The Journal of Japan Society for Clinical Anesthesia, 2009, 29, 484-488.	0.0	0
727	Analgesia. , 2011, , 218-223.		0
728	Opioids used for mild to moderate pain. , 2011, , 97-100.		0
731	Chronic Pain and Opioids. , 2013, , 497-524.		1
732	The Management of a Patient with an Acute Stone Problem. , 2012, , 353-361.		0
733	Pharmacogénétique. , 2012, , 73-98.		0
734	Tapentadol - From Morphine and Tramadol to the Discovery of Tapentadol. , 0, , 295-318.		1
735	Anesthesia for Patients with Hilar Cholangiocarcinoma. , 2013, , 155-166.		0
736	Renal function after laparoscopic cholecystectomy and analgesia with tramadol and dipyrone or ketorolac. Health, 2013, 05, 35-41.	0.3	0
738	A single subcutaneous dose of tramadol for mild to moderate musculoskeletal trauma in the emergency department. World Journal of Emergency Medicine, 2014, 5, 275.	1.0	1

#	ARTICLE	IF	CITATIONS
739	Tramadol and Disseminated Intravascular Coagulopathy: A Case Report. Medicine Science, 2014, 3, 1725.	0.1	0
740	Neuropathic pain and sleep disturbances with special reference to patients with postherpetic neuralgia. Indian Journal of Sleep Medicine, 2014, 9, 119-127.	0.2	0
741	The Influence of Ramosetron on the Analgesic Effect of Tramadol. Journal of Anesthesia & Clinical Research, 2014, 05, .	0.1	2
742	Efficacy of Ketamine in Combination with Four Common Analgesics on Some Hematological Factors of Broiler Chickens and #8194; and #8194; and #8194; and #8194; and #8194;. International Journal of Livestock Research, 2014, 4, 33.	0.1	2
743	Sedation and pain management in intensive care. , 2014, , 903-911.e2.		1
744	Managing Your Pre-operative and Post-operative Pain. , 2015, , 159-166.		0
745	Polypharmacy and Drug Interaction. , 2015, , 167-178.		0
746	Modulation of Pain by Naloxone and a Possible Role of Neurotransmitters with Selective Lesion of Septal Nuclei. Journal of Spine, 2015, 04, .	0.2	0
747	Analgetika. , 2015, , 417-651.		0
748	The Ultimate Ultram Primer II: I â€œHaightâ€Narcotics, but I Hate Seizures More. , 2015, , 293-296.		0
749	Oncological Pain and Clinical Approaches. , 2015, , 829-866.		0
750	Is mechanism and symptom-based analgesia an answer to opioid-Induced hyperalgesia?. Indian Journal of Palliative Care, 2015, 21, 82.	1.0	0
751	SAFETY AND EFFICACY OF TRAMADOL COMPARED TO DICLOFENAC IN RELIEVING POSTOPERATIVE PAIN. Journal of Evidence Based Medicine and Healthcare, 2015, 2, 3103-3110.	0.0	1
754	Examination of the Use Survey and the Usefulness of Tramadol in Cancer Pain Patients. Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences), 2016, 42, 69-77.	0.1	0
755	Drug interaction (35. Opioid-analgesic drug interactions). Okayama Igakkai Zasshi, 2016, 128, 53-59.	0.0	0
756	ANALGESIC EFFICACY OF INTRAPERITONEAL TRAMADOL VS. PLACEBO FOR POSTOPERATIVE PAIN RELIEF FOLLOWING LAPAROSCOPIC APPENDICECTOMY: A DOUBLE BLINDED ONE YEAR RANDOMIZED CONTROL TRIAL: SINGLE CENTRIC, HOSPITAL BASED STUDY. Journal of Evolution of Medical and Dental Sciences, 2016. 5. 2390-2397.	0.1	1
757	Mimics of tramadol on hypothalamus and liver â€œ a probiotic drug therapy. International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	0
758	Assessment of the Role of Naloxone in the Prognosis of Tramadol Intoxicated Patients. , 2017, 07, .		0

#	ARTICLE	IF	CITATIONS
759	Emergency Medicine		
760	Evaluating the efficacy of tramadol as an adjuvant to intrathecal isobaric levobupivacaine for elective infraumbilical surgeries. <i>Anesthesia: Essays and Researches</i> , 2017, 11, 572.	0.5	2
761	Mobitz Type II atrioventricular block following tramadol and fentanyl in a patient with acute coronary syndrome and systolic heart failure. <i>Heart Views</i> , 2017, 18, 88.	0.2	0
762	Understanding the Agent, Part III: Specific Drugs. , 2018, , 73-97.		0
763	Comparison the Effects of Oral Tizanidine and Tramadol on Intra- and Post-operative Shivering in Patients Underwent Spinal Anesthesia. <i>Advanced Biomedical Research</i> , 2018, 7, 140.	0.5	2
764	Analgetika. , 2018, , 447-696.		0
765	Medication Management in Older Adults: How to Avoid Opioid Abuse. <i>Handbooks in Health, Work, and Disability</i> , 2018, , 399-424.	0.0	0
766	Chronic Pain and Opioids. , 2018, , 475-505.		0
767	Preventive Role of Gabapentin in Transmission of Inflammatory Nociception in Acute and Sub-chronic Inflammatory Models of Rat. <i>Molecular Biology (Los Angeles, Calif)</i> , 2018, 07, .	0.0	0
768	COMPARATIVE EFFICACY AND SAFETY OF TAPENTADOL AND TRAMADOL IN PATIENTS WITH MODERATE TO SEVERE CHRONIC LOW BACK PAIN: A PROSPECTIVE, RANDOMIZED, OPEN-LABEL TRIAL AT TERTIARY CARE TEACHING HOSPITAL IN NORTH INDIA. <i>Journal of Evidence Based Medicine and Healthcare</i> , 2018, 5, 542-548.	0.0	0
769	COMPARISON OF POST-OPERATIVE ANALGESIC EFFICACY OF CAUDAL BLOCK VERSUS DORSAL PENILE NERVE BLOCK WITH BUPIVACAINE AND TRAMADOL FOR CIRCUMCISION IN CHILDREN. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2018, 7, 4483-4486.	0.1	0
770	Clinical Approaches to Adult Cancer Pain. , 2019, , 1071-1113.		0
771	Acne associated gynecological diseases and risk factors in the multiethnic women. <i>Obstetrics & Gynecology International Journal</i> , 2019, 10, .	0.1	0
772	Importance des interactions médicamenteuses et fastes chez le patient oncologique : comparaison de programmes de déttection informatisés. <i>Douleur Et Analgesie</i> , 2019, 32, 21-36.	0.1	0
773	The Biochemical and Histological Effects of Tramadol on Liver and Kidney of Albino Mice. , 0, , .		1
774	Postoperative Analgesic Efficacy of Preemptive and Postoperative Lornoxicam or Tramadol in Lumbar Disc Surgery. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2019, 47, 375-381.	0.4	5
775	Alleviation of Tramadol-Induced Liver Toxicity in Experimental Rats by Using Kiwifruit, Turmeric Extract or Their Combination. <i>Journal of Food and Dairy Sciences</i> , 2019, 10, 381-387.	0.3	2
776	Accidental tramadol ingestion in children admitted in tertiary care centre. <i>International Journal of Basic and Clinical Pharmacology</i> , 2019, 8, 2661.	0.1	1

#	ARTICLE	IF	CITATIONS
777	Capillary Electrophoresis Methods for the Determination of Tramadol: A Review. Pharmaceutical Sciences, 2019, 25, 278-286.	0.2	2
778	Preemptif oral tramadol-pregabalın ille tramadol-parasetamol kombinasyonunun postoperatif tramadol t1/4ketim ve 1/4zerine etkilerinin karşılaştırılması. Cukurova Medical Journal, 0, 44, 181-189.	0.2	0
779	Hypoxic-ischemic encephalopathy in a young man due to tramadol overdose. Journal of Emergency Practice and Trauma, 2020, 6, 112-114.	0.3	0
780	Experimental Study of Dohongsamul-tang (Taohongsiwu-tang) on Fracture Healing. Journal of Korean Medicine Rehabilitation, 2020, 30, 47-66.	0.5	3
782	Male Sex Hormone affection in patients with Tramadol dependance. Middle East Current Psychiatry, 2020, 27, .	1.2	1
783	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. Ecotoxicology and Environmental Safety, 2021, 227, 112944.	6.0	13
784	Efficacy of Tramadol in Comparision with Diclofenac in Ureteric Colic Patients Brought to a Medical College in Central India- A Prospective Observational Study. International Journal of Current Research and Review (discontinued), 2020, , 103-109.	0.1	0
785	Opioid Analgesic Drugs. , 2021, , 411-438.		1
786	Opioid Withdrawal and Restless Legs Syndrome. Chronobiology in Medicine, 2020, 2, 137-140.	0.4	3
787	Effect of tramadol as a local anesthetic adjuvant in epidural labor analgesia: Randomized controlled study. Egyptian Journal of Anaesthesia, 2021, 37, 1-8.	0.5	1
788	ASSESSMENT OF TRAMADOL BLOOD CONCENTRATION IN CASES OF ACUTE TRAMADOL OVERDOSE. The Egyptian Journal of Forensic Sciences and Applied Toxicology, 2020, 20, 9-18.	0.2	0
789	The Effect of Perianal Tramadol Infiltration on Postoperative Pain Following Hemorrhoidectomy. American Surgeon, 2020, , 000313482098168.	0.8	3
790	Continuous suprascapular nerve block compared with single-shot interscalene brachial plexus block for pain control after arthroscopic rotator cuff repair. Clinics, 2020, 75, e2026.	1.5	6
791	Analgesic Effect of Tramadol Is not Altered by Postoperative Systemic Inflammation after Major Abdominal Surgery. Acta Clinica Croatica, 2021, 60, 268-275.	0.2	1
792	Evaluation of mitochondrial dysfunction due to oxidative stress in therapeutic, toxic and lethal concentrations of tramadol. Toxicology Research, 2021, 10, 1162-1170.	2.1	9
793	NEUROCHEMICAL AND HISTOLOGICAL BRAIN ALTERATIONS AFTER TRAMADOL ADMINISTRATION TO ROTENONE- INDUCED PARKINSON'S DISEASE IN RATS. The Egyptian Journal of Forensic Sciences and Applied Toxicology, 2020, 20, 15-32.	0.2	1
794	Tramadol, Codeine, and Risk of Adverse Outcomes. JAMA - Journal of the American Medical Association, 2021, 326, 1483.	7.4	4
795	Pharmacology of Analgesics. , 2021, , 55-86.		1

#	ARTICLE	IF	CITATIONS
796	The role of tramadol in current treatment strategies for musculoskeletal pain. Therapeutics and Clinical Risk Management, 2007, 3, 717-23.	2.0	36
797	Chronic non-cancer pain: Focus on once-daily tramadol formulations. Therapeutics and Clinical Risk Management, 2007, 3, 819-29.	2.0	10
798	Acute migraine: Current treatment and emerging therapies. Therapeutics and Clinical Risk Management, 2007, 3, 449-59.	2.0	25
799	Pharmacokinetics of intravenous tramadol in dogs. Canadian Journal of Veterinary Research, 2008, 72, 325-31.	1.1	55
800	Analgesic effects of tramadol, tramadol-gabapentin, and buprenorphine in an incisional model of pain in rats (<i>Rattus norvegicus</i>). Journal of the American Association for Laboratory Animal Science, 2011, 50, 192-7.	1.2	31
801	Tramadol induced seizure: A 3-year study. Caspian Journal of Internal Medicine, 2012, 3, 484-7.	0.2	18
802	Hemodynamic and behavioral differences after administration of meloxicam, buprenorphine, or tramadol as analgesics for telemeter implantation in mice. Journal of the American Association for Laboratory Animal Science, 2013, 52, 560-6.	1.2	17
803	Evaluation of Antinociceptive Effect of Pregabalin in Mice and its Combination with Tramadol using Tail Flick Test. Iranian Journal of Pharmaceutical Research, 2013, 12, 483-93.	0.5	32
805	Acute tramadol poisoning and its clinical and laboratory findings. Journal of Research in Medical Sciences, 2014, 19, 855-9.	0.9	18
806	Time dependent antinociceptive effects of morphine and tramadol in the hot plate test: using different methods of drug administration in female rats. Iranian Journal of Pharmaceutical Research, 2015, 14, 303-11.	0.5	4
807	Efficacy of Tramadol as a Sole Analgesic for Postoperative Pain in Male and Female Mice. Journal of the American Association for Laboratory Animal Science, 2015, 54, 411-9.	1.2	21
808	The Comparison of Apotel plus Low Dose of Morphine and Full Dose of Morphine in Pain Relief in Patients with Acute Renal Colic. Addiction and Health, 2015, 7, 66-73.	0.2	9
809	Tramadol overdose and apnea in hospitalized children, a review of 20 cases. Research in Pharmaceutical Sciences, 2015, 10, 544-52.	1.8	22
810	Analgesic Activity of Tramadol and Buprenorphine after Voluntary Ingestion by Rats (<i>Rattus</i>) Tj ETQq1 1 0.784314 1.2 BT /Overlock 10 Tf	1.2	10
811	Analgesic Effects and Safety of Desmopressin, Tramadol and Indomethacin in Patients with Acute Renal Colic; A Randomized Clinical Trial. Bulletin of Emergency and Trauma, 2015, 3, 41-5.	0.0	5
812	A Narrative Review of Acute Adult Poisoning in Iran. Iranian Journal of Medical Sciences, 2017, 42, 327-346.	0.4	45
814	The analgesic interaction of tramadol and morphine in rats: An isobolographic study. Veterinary Research Forum, 2019, 10, 31-36.	0.3	1
815	Seizure Prevalence and Its Related Factors in Tramadol Intoxication; a Brief Report. Archives of Academic Emergency Medicine, 2019, 7, e28.	0.4	4

#	ARTICLE	IF	CITATIONS
816	Tramadol as an analgesic. , 2022, , 181-191.		0
817	Comparison of Online Patient Reviews and National Pharmacovigilance Data for Tramadol-Related Adverse Events: Comparative Observational Study. JMIR Public Health and Surveillance, 2022, 8, e33311.	2.6	1
818	Analgesic Efficacy of Tramadol and Morphine in White's Tree Frogs (<i>Litoria caerulea</i>). Journal of the American Association for Laboratory Animal Science, 2021, 60, 681-686.	1.2	3
819	Rhabdomyolysis and acute kidney injury due to suicide attempt with tramadol: A rare case report. Clinical Case Reports (discontinued), 2022, 10, e05255.	0.5	5
820	Combined molecular, structural and memory data unravel the destructive effect of tramadol on hippocampus. Neuroscience Letters, 2022, 771, 136418.	2.1	3
821	Effect of Tramadol Abuse on Male Fertility. SVU - International Journal of Medical Sciences, 2020, .	0.0	1
822	Tramadol Treatment for Chemotherapy-induced Mucositis Pain in Children. Journal of Pediatric Hematology/Oncology, 2022, 44, e487-e492.	0.6	3
824	Postoperative Pain Management in Enhanced Recovery Pathways. Journal of Pain Research, 2022, Volume 15, 123-135.	2.0	13
825	The evolution of perioperative pain management in otolaryngology head and neck surgery. , 2022, , 1-26.		1
826	Tapentadol shows lower intrinsic efficacy at μ receptor than morphine and oxycodone. Pharmacology Research and Perspectives, 2022, 10, e00921.	2.4	6
827	Title: Novel Analgesic Potential of μ -Agonists for Neuropathic Pain via μ -Agonist Action. Current Pain and Headache Reports, 2022, 26, 73-77.	2.9	0
828	A Critical Review of the Pharmacokinetics and Pharmacodynamics of Opioid Medications Used in Avian Patients. Birds, 2022, 3, 1-28.	1.4	3
829	Intra-socket application of Hyaluronic acid reduces pain and swelling following wisdom teeth removal. Journal of Oral Medicine and Oral Surgery, 2022, 28, 14.	0.4	0
830	Analgetika. , 2022, , 511-774.		0
831	Tramadol Use in Perioperative Care and Current Controversies. Current Pain and Headache Reports, 2022, 26, 241-246.	2.9	6
832	Single-run chemo- and enantio-selective high-performance liquid chromatography separation of tramadol and its principal metabolite, O-desmethytramadol, using a chlorinated immobilized amylose-based chiral stationary phase under multimodal elution conditions. Separation Science Plus, 2022, 5, 99-104.	0.6	1
833	Exposure to immediate-release tramadol in children 6 years and under – a nationwide French poison control center study. Clinical Toxicology, 2022, 60, 750-758.	1.9	2
834	The Effect of Ondansetron on the Analgesic Efficacy of Tramadol in Patients Undergoing Laparoscopic Cholecystectomy. International Journal of Clinical Practice, 2022, 2022, 1-8.	1.7	1

#	ARTICLE	IF	CITATIONS
835	Advances in the pharmaceutical treatment options for canine osteoarthritis. Journal of Small Animal Practice, 2022, 63, 721-738.	1.2	12
837	Comparative study of local anesthetic efficacy of 5% tramadol versus 2% Lignocaine with 1:100,000 adrenaline for extraction of fully erupted maxillary 3rd molars using infiltration anesthesia. Saudi Dental Journal, 2022, , .	1.6	0
838	Evaluation of Low-Dose Versus High-Dose Opioid Pathway in Opioid-Naïve Patients After Total Knee Arthroplasty. Arthroplasty Today, 2022, 14, 81-85.	1.6	2
839	Medical Treatment of Disorders of Ejaculation. Urologic Clinics of North America, 2022, 49, 219-230.	1.8	0
844	Military Health System Opioid, Tramadol, and Gabapentinoid Prescription Volumes Before and After a Defense Health Agency Policy Release. Clinical Drug Investigation, 2022, 42, 439-446.	2.2	3
845	Laparoskopik Kolesistektomilerde Preemptif ve İntraoperatif Tramadol ve Fentanil Kullanımının Karşılaştırılması. Medical Journal of Western Black Sea, 2022, 6, 78-87.	0.1	0
846	Central Neuropathic Pain Syndromes: Current and Emerging Pharmacological Strategies. CNS Drugs, 2022, 36, 483-516.	5.9	12
847	Potential Impact of 3% Hypertonic Saline Infusion on Tramadol Poisoning-Induced Electrocardiogram Changes; a Randomized Clinical Trial.. Archives of Academic Emergency Medicine, 2022, 10, e26.	0.4	0
848	Pharmacovigilance Signals of the Opioid Epidemic over 10 Years: Data Mining Methods in the Analysis of Pharmacovigilance Datasets Collecting Adverse Drug Reactions (ADRs) Reported to EudraVigilance (EV) and the FDA Adverse Event Reporting System (FAERS). Pharmaceuticals, 2022, 15, 675.	3.8	10
849	Comparative risk-benefit profiles of weak opioids in the treatment of osteoarthritis: a network meta-analysis of randomized controlled trials. Postgraduate Medicine, 0, , .	2.0	0
850	Current analytical trends of abuse of tramadol and its forensic significance. Toxicology and Environmental Health Sciences, 2022, 14, 111-129.	2.1	1
851	Multimechanistic Single-Entity Combinations for Chronic Pain Control: A Narrative Review. Cureus, 2022, , .	0.5	3
852	Green Assessment of Chromatographic Methods Used for the Analysis of Four Methamphetamine Combinations with Commonly Abused Drugs. Separations, 2022, 9, 156.	2.4	1
853	Délivrance d'opioïdes après un accouchement par césarienne en Colombie-Britannique : une analyse de cohorte historique de 2004 à 2019. Canadian Journal of Anaesthesia, 2022, 69, 997-1006.	1.6	2
854	Comparative pharmacokinetics between two tablets of tramadol 37.5 mg/acetaminophen 325 mg and one tablet of tramadol 75 mg/acetaminophen 650 mg for extended-release fixed-dose combination. Translational and Clinical Pharmacology, 2022, 30, 112.	0.9	0
855	Effect of preoperative tramadol, ibuprofen, ibuprofen/acetaminophen on the anaesthetic efficacy of inferior alveolar nerve block in patients with symptomatic irreversible pulpitis. Australian Endodontic Journal, 2023, 49, 165-173.	1.5	0
856	SELECTION AND OPTIMIZATION OF MOST EFFICIENT SUPERDISINTEGRANT FOR THE FORMULATION OF DISPERSIBLE TABLETS OF TRAMADOL HYDROCHLORIDE. International Journal of Pharmacy and Pharmaceutical Sciences, 0, , 21-26.	0.3	1
857	Tramadol and Codeine Stacking/Boosting Dose Exposure Induced Neurotoxic Behaviors, Oxidative Stress, Mitochondrial Dysfunction, and Neurotoxic Genes in Adolescent Mice. Neurotoxicity Research, 0, , .	2.7	2

#	ARTICLE	IF	CITATIONS
858	Tramadol Versus Codeine in Hand Surgery. Cureus, 2022, , .	0.5	0
859	Tramadol misuse in treatment-seeking adolescents and young adults with problematic substance use â€“ Prediction of treatment retention. Addictive Behaviors Reports, 2022, 16, 100446.	1.9	3
860	Implementing a pragmatic clinical trial to tailor opioids for acute pain on behalf of the <scp>IGNITE ADOPT PGx</scp> investigators. Clinical and Translational Science, 2022, 15, 2479-2492.	3.1	6
861	Molecular Network-Based Identification of Tramadol Metabolites in a Fatal Tramadol Poisoning. Metabolites, 2022, 12, 665.	2.9	12
862	Comparative Histological Study on the Effect of Tramadol Abuse on the Testis of Juvenile and Adult Male Albino Mice. Anatomy and Cell Biology, 2022, 55, 341-355.	1.0	2
863	Quantitative and histological evaluations for the potentiality of pilocarpine on tramadol induced xerostomia and structural alterations in Rats parotid gland. International Journal of Health Sciences, 0, , 2174-2183.	0.1	0
865	Antioxidants (selenium and garlic) alleviated the adverse effects of tramadol on the reproductive system and oxidative stress markers in male rabbits. Scientific Reports, 2022, 12, .	3.3	9
866	Tramadol Use in Pediatric Surgery: Trends After the Food and Drug Administration Black-Box Warning. Journal of Surgical Research, 2022, 280, 10-18.	1.6	0
867	Nanobiosensors for detection of opioids: A review of latest advancements. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 179, 79-94.	4.3	14
868	Is the injection of tramadol effective at control of pain after impacted mandibular third molar extractions? A systematic review and meta-analysis. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2022, , e560-e568.	1.7	1
869	Advanced Carbon-Based Polymeric Nanocomposites for Forensic Analysis. Polymers, 2022, 14, 3598.	4.5	5
870	Role of daytime variation in pharmaceutical effects of sufentanil, dezocine, and tramadol: A matched observational study. Frontiers in Pharmacology, 0, 13, .	3.5	0
871	Local Tramadol Improves the Anesthetic Success in Patients with Symptomatic Irreversible Pulpitis: A Meta-Analysis. Healthcare (Switzerland), 2022, 10, 1867.	2.0	1
872	SeDeM tool-driven full factorial design for osmotic drug delivery of tramadol HCl: Formulation development, physicochemical evaluation, and in-silico PBPK modeling for predictive pharmacokinetic evaluation using GastroPlusâ„¢. Frontiers in Pharmacology, 0, 13, .	3.5	0
873	Therapeutic Drug Monitoring and Toxicology: Relevance of Measuring Metabolites. , 2022, , 197-232.		0
875	Factors associated with seizure in tramadol overdose: a 12-year retrospective study in Hong Kong. Clinical Toxicology, 2022, 60, 1220-1226.	1.9	1
876	Investigation of the Mechanisms of Tramadol-Induced Seizures in Overdose in the Rat. Pharmaceuticals, 2022, 15, 1254.	3.8	4
877	An Investigation of O-Demethyl Tramadol/Tramadol Ratio for Cytochrome P450 2D6 Phenotyping: The CYTRAM Study. Pharmaceutics, 2022, 14, 2177.	4.5	0

#	ARTICLE	IF	CITATIONS
878	Naloxone Prescribing Associated With Reduced Emergency Department Visits in the Military Health System. <i>Medical Care</i> , 2022, 60, 901-909.	2.4	3
879	Modulation of social and depression behaviors in cholestatic and drug-dependent mice: possible role of opioid receptors. <i>Journal of Diabetes and Metabolic Disorders</i> , 0, , .	1.9	1
881	Development and Characterization of Tramadol Hydrochloride Rectal Suppository. , 2022, 2, 19-22.		0
882	Clinical and Antinociceptive Effects of Distal Inferior Alveolar Nerve Block in Ponies With Tramadol 5% or Lidocaine 2%. <i>Journal of Equine Veterinary Science</i> , 2023, 122, 104194.	0.9	0
883	Use of Opioids for Adults With Pain From Cancer or Cancer Treatment: ASCO Guideline. <i>Journal of Clinical Oncology</i> , 2023, 41, 914-930.	1.6	41
884	Repeated episodes of seizures in an infant following accidental administration of tramadol suppository: a case report. <i>IMC Journal of Medical Science</i> , 0, , 1-3.	0.4	0
885	Protective effects of pomegranate (<i>Punica granatum</i>) and its main components against natural and chemical toxic agents: A comprehensive review. <i>Phytomedicine</i> , 2023, 109, 154581.	5.3	4
887	False Positive Tramadol Urine Testing in Patients Taking Fexofenadine: A Tale of Two Consecutive Cases. <i>Case Reports in Psychiatry</i> , 2023, 2023, 1-4.	0.5	1
888	Risk of parkinsonism and related movement disorders with gabapentinoids or tramadol: A caseâ€crossover study. <i>Pharmacotherapy</i> , 2023, 43, 136-144.	2.6	3
889	Predictors for the Clinical Efficacy of Tramadol for Cancer Pain. <i>American Journal of Hospice and Palliative Medicine</i> , 0, , 104990912311528.	1.4	0
890	Reinforcing effect of tramadol in the rat. <i>Neuroscience Letters</i> , 2023, 796, 137053.	2.1	0
891	The Effect of Epidural Analgesia on Quality of Recovery (QoR) after Radical Prostatectomy. <i>Journal of Personalized Medicine</i> , 2023, 13, 51.	2.5	1
892	Current Prescription Status of Contraindicated Drug Combinations Causing Serotonin Syndrome: Analysis of HIRA-NPS Data. <i>Korean Journal of Clinical Pharmacy</i> , 2022, 32, 313-320.	0.3	0
893	Tramadol and Tapentadol Induce Conditioned Place Preference with a Differential Impact on Rewarding Memory and Incubation of Craving. <i>Pharmaceuticals</i> , 2023, 16, 86.	3.8	2
894	A comparative study of postmortem distribution and postmortem diffusion of tramadol in rabbits. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
895	Effect of Fentanyl Patch on PT-INR Fluctuation during Warfarin Administration. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , 2022, 48, 143-148.	0.1	0
896	Basic pharmacology of opioid substances. , 2023, , 185-208.		0
897	Comparative Study of Opioid Initiation With Tramadol, Short-acting Hydrocodone, or Short-acting Oxycodone on Opioid-related Adverse Outcomes Among Chronic Noncancer Pain Patients. <i>Clinical Journal of Pain</i> , 2023, 39, 107-118.	1.9	0

#	ARTICLE	IF	CITATIONS
898	Effect of Intramuscular Tramadol on the Duration of Clinically Relevant Sciatic Nerve Blockade in Patients Undergoing Calcaneal Fracture Fixation: A Randomized Controlled Trial. Healthcare (Switzerland), 2023, 11, 498.	2.0	2
899	Tramadol as a Voltage-Gated Sodium Channel Blocker of Peripheral Sodium Channels Na _v 1.7 and Na _v 1.5. Biomolecules and Therapeutics, 2023, 31, 168-175.	2.4	2
900	A Randomized Trial Comparing Intravenous Paracetamol, Topical Lidocaine, and Ice Application for Treatment of Pain Associated with Scorpion Stings: Some Concerns. Wilderness and Environmental Medicine, 2023, 34, 256-257.	0.9	1
901	Tramadol as a patient-initiated component of multimodal pain management: a pilot study of 364 lower limb arthroplasty cases. ANZ Journal of Surgery, 0, , .	0.7	0
902	Effect of Opioids on Immunity in Patients with Cancer. , 2023, , 1-18.		0
903	Effects of taxifolin on tramadol-induced oxidative and inflammatory liver injury in rats: an experimental study. Drug and Chemical Toxicology, 0, , 1-6.	2.3	1
904	Tramadol-induced intracerebral hemorrhage: A rare case report. Clinical Case Reports (discontinued), 2023, 11, .	0.5	2
905	Provider-directed analgesia for dental pain. Expert Review of Clinical Pharmacology, 2023, 16, 435-451.	3.1	0
906	Substance abuse and male sexual dysfunction: what lies beneath?. Sexual Medicine Reviews, 2023, 11, 395-411.	0.0	1
907	Characterizing opioid use in a Dutch cohort with migraine. Cephalalgia, 2023, 43, 033310242311741.	3.9	0
908	Tramadol Provides Similar Pain Relief and a Better Side Effect Profile than Oxycodone (or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 352 Td (Reconstruction or Arthroscopic Knee Debridement. Arthroscopy, Sports Medicine, and Rehabilitation, 2023, 5, e765-e771.	1.7	1
909	Recent Progress in Gels for Neuropathic Pain. Gels, 2023, 9, 417.	4.5	3
910	Neonatal Pain: Significance, Assessment, and Management. , 2023, , 505-527.		0
911	Pharmacology of Analgesics. , 2023, , 139-185.		0
912	Issues and challenges in diabetic neuropathy management: A narrative review. World Journal of Diabetes, 0, 14, 741-757.	3.5	3
913	Bibliometric Analysis on Global Analgesia in Labor from 2002 to 2021. Journal of Pain Research, 0, Volume 16, 1999-2013.	2.0	0
914	Development and Validation of Liquid Chromatography-Tandem Mass Spectrometry Method for Simultaneous Determination of Tramadol and Its Phase I and II Metabolites in Human Urine. Separations, 2023, 10, 365.	2.4	0
915	Biochemical and Pharmacological Assessments of Tramadol Abuse on Human Male Fertility: Relation to Seminal Plasma 8-Hydroxyguanosine and Zinc. Indian Journal of Clinical Biochemistry, 0, , .	1.9	0

#	ARTICLE	IF	CITATIONS
917	Opioid-induced bowel disorder and narcotic bowel syndrome. , 2023, , 375-389.		0
918	Pregabalin and gabapentin for chronic low back pain without radiculopathy: a systematic review. Arquivos De Neuro-Psiquiatria, 2023, 81, 564-576.	0.8	0
919	Antinociceptive and anti-inflammatory activity of DW-1021, the ionic complex of pelubiprofen and tramadol, in rodents. Biomedicine and Pharmacotherapy, 2023, 163, 114708.	5.6	1
920	The Protection by Vitamin E Against Tramadol-Induced Proconvulsant Effects and Brain Damage in Pentylentetrazole-Induced Status Epilepticus in Rats. Journal of Neurology and Epidemiology, 0, 8, 1-10.	0.0	0
921	Use of $\frac{1}{4}$ -opioid receptor agonist talfalgin in integrative therapy of chronic pain syndrome in progressive multiple myeloma. Clinical observation. , 2023, 3, 27-34.		1
922	Perioperative Pain Management for Distal Radius Fractures. Orthopedic Clinics of North America, 2023, , .	1.2	0
923	EPD1504: a novel $\frac{1}{4}$ -opioid receptor partial agonist attenuates obsessive-compulsive disorder (OCD)-like behaviors. Frontiers in Psychiatry, 0, 14, .	2.6	0
924	New Perspective for Drug-Drug Interaction in Perioperative Period. Journal of Clinical Medicine, 2023, 12, 4810.	2.4	1
925	Seizure as a rare presentation of tramadol intoxication/withdrawal and fluoxetine as a potential anti-craving agent during tramadol abuse treatment. , 2023, , 100157.		0
926	Efficacy of tramadol versus dexamethasone in ultrasound guided supraclavicular block for forearm fractures. Does it make a difference?. Egyptian Journal of Anaesthesia, 2023, 39, 642-649.	0.5	0
927	Narcotic analgesics. Inflammopharmacology, 2024, 32, 23-28.	3.9	1
928	Tramadol poisoning and its management and complications: a scoping review. Annals of Medicine and Surgery, 2023, 85, 3982-3989.	1.1	0
929	Efficacy and safety of parenteral and local application of tramadol in mandibular third molar extraction: a qualitative systematic review of current evidence. Oral and Maxillofacial Surgery, 0, , .	1.3	1
930	Evaluation of Pupillometry for CYP2D6 Phenotyping in Children Treated with Tramadol. Pharmaceuticals, 2023, 16, 1227.	3.8	0
931	Tramadol for chronic pain in adults: protocol for a systematic review with meta-analysis and trial sequential analysis of randomised clinical trials. Systematic Reviews, 2023, 12, .	5.3	0
932	Pain and anxiety in patients with breast cancer treated with morphine versus tramal with virtual reality. Health Care for Women International, 0, , 1-14.	1.1	0
933	Effect of apatinib on the pharmacokinetics of tramadol and O-desmethyiltramadol in rats. PeerJ, 0, 11, e16051.	2.0	1
934	Pharmacological Treatments and Therapeutic Drug Monitoring in Patients with Chronic Pain. Pharmaceutics, 2023, 15, 2088.	4.5	2

#	ARTICLE	IF	CITATIONS
935	Assessment of renal function indexes in methamphetamine or tramadol intoxication adults to the emergency departments: a systematic review and meta-analysis. BMC Emergency Medicine, 2023, 23, .	1.9	0
937	Tramadol use before total shoulder arthroplasty: patients have lower risk of complications and resource utilization than those using traditional opioids. Journal of Shoulder and Elbow Surgery, 2023, , .	2.6	0
939	Post craniotomy pain management in Copenhagen rat by intraperitoneal or oral dosage of Tramadol: a comparative evaluation. Scientific Reports, 2023, 13, .	3.3	0
940	Understanding Pharmacokinetics and Pharmacotherapeutics in the Management of Spinal Cord Injuries. , 2023, , 135-179.		0
941	Non-operative Treatment Options for Osteoarthritis in the Hip. HSS Journal, 0, , .	1.7	0
942	Tramadol â€œ A wonder drug in women with labour pain. Indian Journal of Obstetrics and Gynecology Research, 2023, 10, 387-392.	0.0	0
943	Clinical and Laboratory Factors Related to Seizure and Serotonin Toxicity in Tramadol Intoxication: An Egyptian Study. Clinical Drug Investigation, 2023, 43, 963-971.	2.2	0
944	Anxiousâ€depressive attack and rejection sensitivityâ€Toward a new approach to treatmentâ€resistant depression. Neuropsychopharmacology Reports, 0, , .	2.3	0
945	Slower intravenous tramadol administration can prevent nausea and vomiting and predict postoperative nausea and vomiting: a randomized controlled trial. Annals of Medicine and Surgery, 2024, 86, 867-874.	1.1	0
946	Biological Activity of Hexaazaisowurtzitane Derivatives. Molecules, 2023, 28, 8084.	3.8	0
947	Comparative Evaluation of the Local Anesthetic Action of Tramadol Hydrochloride With Adrenaline Versus Lidocaine Hydrochloride With Adrenaline for Maxillary Exodontia: A Randomized Control Trial. Journal of Oral and Maxillofacial Surgery, 2024, 82, 478-484.	1.2	0
948	Impact of CYP2D6 and CYP2B6 phenotypes on the response to tramadol in patients with acute postâ€surgical pain. Clinical and Translational Science, 0, , .	3.1	0
949	Temporal trends and patterns in initial opioid prescriptions after hospital discharge following colectomy in England over 10 years. BJS Open, 2023, 7, .	1.7	1
950	Pharmacological Effects of Tramadol, an Opioid. Arsiv Kaynak Tarama Dergisi, 2023, 32, 206-214.	0.1	0
951	Temporal Auditory Processing, Speech Recognition, and P300 in Adults with Opioid Use Disorders Attributed to Tramadol. Indian Journal of Otology, 2023, 29, 239-245.	0.2	0
952	Shaping the Anesthetic Approach to TricValve Implantation: Insights From a Case Series. Journal of Cardiothoracic and Vascular Anesthesia, 2024, 38, 911-917.	1.3	0
953	A small-dose naloxone infusion alleviates nausea and sedation without impacting analgesia via intravenous tramadol. Chinese Medical Journal, 2010, 123, 1695-1698.	2.3	0
954	Ameliorative Potential of Pumpkin Seed Oil (<i>Cucurbita pepo</i> L.) Against Tramadol-Induced Oxidative Stress. Dose-Response, 2024, 22, .	1.6	0

#	ARTICLE	IF	CITATIONS
955	Prevalence and health consequences of nonmedical use of tramadol in Africa: A systematic scoping review. PLOS Global Public Health, 2024, 4, e0002784.	1.6	0
956	A consideration of CYP2D6 genetic variations in the Ghanaian population as a potential “culprit” for the tramadol “abuse crisis”. BMC Medical Genomics, 2024, 17, .	1.5	0
957	Intraoperative Music to Promote Patient Outcome (IMPROMPTU): A Double-Blind Randomized Controlled Trial. Journal of Surgical Research, 2024, 296, 291-301.	1.6	0
958	Management of Pain Medication in Patients With a History of Bariatric Surgery: A Systematic Review. Journal of Pain and Symptom Management, 2024, , .	1.2	0
959	Click-imprinted furfuryl-modified poly(divinylbenzene-maleic anhydride-styrene) for (+)-tramadol recognition. Separation and Purification Technology, 2024, 339, 126521.	7.9	0
960	The Effect of Epidural Analgesia on Quality of Recovery (QoR) after Open Radical Nephrectomy: Randomized, Prospective, and Controlled Trial. Journal of Personalized Medicine, 2024, 14, 190.	2.5	0
961	Simultaneous determination of tramadol in earwax and urine samples: effects of age, duration time and sex. Bioanalysis, 2024, 16, 363-374.	1.5	0
962	Neuropancreatology: The Nervous System and Pain Management in Pancreatic Diseases. Life, 2024, 14, 299.	2.4	0
963	PHARMACOKINETICS OF TRAMADOL AND O-DESMETHYLTRAMADOL IN GIANT TORTOISES (CHELONOIDIS) Tj ETQq0,0 0 rgBT /Overlock	0.6	0
964	Epidural administration of ropivacaine and midazolam is superior to intra-articular administration as postoperative analgesia after isolated arthroscopic anterior cruciate ligament reconstruction with hamstrings autograft: a randomized controlled clinical trial. Journal of ISAKOS, 2024, , .	2.3	0
966	Perioperative pain management with regional analgesia techniques for visceral cancer surgery: A systematic review and meta-analysis. Journal of Clinical Anesthesia, 2024, 95, 111438.	1.6	0
967	Basic concepts in pharmacology and therapeutics. , 2024, , 1-24.		0
968	Intraoperative Isoflurane End-Tidal Concentration during Infusion of Fentanyl, Tramadol, or Fentanyl+Tramadol Combination in Cats. Veterinary Sciences, 2024, 11, 125.	1.7	0
969	Pain, Nociceptive vs. Neuropathic. , 2024, , .		0