

# Hana Kubova

## List of Publications by Year in descending order

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138  
papers

3,046  
citations

201385

27  
h-index

197535

49  
g-index

142  
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142  
docs citations

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times ranked

2511  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Selection of Antiepileptic Drug Polytherapy Based on Mechanisms of Action: The Evidence Reviewed. <i>Epilepsia</i> , 2000, 41, 1364-1374.   | 2.6 | 296       |
| 2  | Status Epilepticus Causes Necrotic Damage in the Mediodorsal Nucleus of the Thalamus in Immature Rats. <i>Journal of Neuroscience</i> , 2001, 21, 3593-3599.  | 1.7 | 156       |
| 3  | Pentylentetrazol-induced seizures in rats: an ontogenetic study. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1992, 346, 588-591.  | 1.4 | 134       |
| 4  | Status epilepticus in immature rats leads to behavioural and cognitive impairment and epileptogenesis. <i>European Journal of Neuroscience</i> , 2004, 19, 3255-3265.   | 1.2 | 131       |
| 5  | Seizures Induced by Homocysteine in Rats During Ontogenesis. <i>Epilepsia</i> , 1995, 36, 750-756.  | 2.6 | 101       |
| 6  | Five percent CO <sub>2</sub> is a potent, fast-acting inhalation anticonvulsant. <i>Epilepsia</i> , 2011, 52, 104-114.  | 2.6 | 92        |
| 7  | Treatment of Experimental Status Epilepticus in Immature Rats: Dissociation Between Anticonvulsant and Antiepileptogenic Effects. <i>Pediatric Research</i> , 2006, 59, 237-243.  | 1.1 | 81        |
| 8  | Status Epilepticus in 12-day-old Rats Leads to Temporal Lobe Neurodegeneration and Volume Reduction: A Histologic and MRI Study. <i>Epilepsia</i> , 2006, 47, 479-488.  | 2.6 | 74        |
| 9  | Maturation and segregation of brain networks that modify seizures. <i>Brain Research</i> , 1994, 665, 141-146.  | 1.1 | 71        |
| 10 | Long-term behavioral and morphological consequences of nonconvulsive status epilepticus in rats. <i>Epilepsy and Behavior</i> , 2004, 5, 180-191.   | 0.9 | 66        |
| 11 | Antiepileptic drugs in neuroprotection. <i>Expert Opinion on Pharmacotherapy</i> , 2004, 5, 777-798.  | 0.9 | 62        |
| 12 | Anticonvulsant Action of Oxcarbazepine, Hydroxycarbamazepine, and Carbamazepine Against Metrazol-Induced Motor Seizures in Developing Rats. <i>Epilepsia</i> , 1993, 34, 188-192.   | 2.6 | 57        |
| 13 | Convulsant Action of D,L-Homocysteic Acid and Its Stereoisomers in Immature Rats. <i>Epilepsia</i> , 1997, 38, 767-776.   | 2.6 | 51        |
| 14 | Ontogeny and topography of seizure regulation by the substantia nigra. <i>Brain and Development</i> , 1995, 17, 61-72.  | 0.6 | 50        |
| 15 | Anticonvulsant effects of phenobarbital and primidone during ontogenesis in rats. <i>Epilepsy Research</i> , 1991, 10, 148-155.   | 0.8 | 47        |
| 16 | Unequal development of thresholds for various phenomena induced by cortical stimulation in rats. <i>Epilepsy Research</i> , 2002, 49, 35-43.  | 0.8 | 43        |
| 17 | Seizures induced in immature rats by homocysteic acid and the associated brain damage are prevented by group II metabotropic glutamate receptor agonist (2R,4R)-4-aminopyrrolidine-2,4-dicarboxylate. <i>Experimental Neurology</i> , 2005, 192, 420-436. | 2.0 | 42        |
| 18 | Postnatal caffeine exposure: effects on motor skills and locomotor activity during ontogenesis. <i>Behavioural Brain Research</i> , 2005, 160, 99-106.  | 1.2 | 41        |

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|----|--|-----|-----------|
| 19 | Effect of Resveratrol on Oxidative Stress and Mitochondrial Dysfunction in Immature Brain during Epileptogenesis. <i>Molecular Neurobiology</i> , 2018, 55, 7512-7522.   | 1.9 | 36        |
| 20 | Anticonvulsant action of lamotrigine during ontogenesis in rats. <i>Epilepsy Research</i> , 1992, 13, 17-22.   | 0.8 | 35        |
| 21 | Are morphologic and functional consequences of status epilepticus in infant rats progressive?. <i>Neuroscience</i> , 2013, 235, 232-249.   | 1.1 | 34        |
| 22 | Dynamic Changes of Status Epilepticus-Induced Neuronal Degeneration in the Mediodorsal Nucleus of the Thalamus During Postnatal Development of the Rat. <i>Epilepsia</i> , 2002, 43, 54-60.  | 2.6 | 31        |
| 23 | Chronic MK-801 Application in Adolescence and Early Adulthood: A Spatial Working Memory Deficit in Adult Long-Evans Rats But No Changes in the Hippocampal NMDA Receptor Subunits. <i>Frontiers in Pharmacology</i> , 2018, 9, 42. | 1.6 | 31        |
| 24 | Experimental Models of Epilepsy in Young Animals. <i>Journal of Child Neurology</i> , 1994, 9, S3-S11.   | 0.7 | 30        |
| 25 | The expression of GABAA receptor subunits in the substantia nigra is developmentally regulated and region-specific. <i>Italian Journal of Neurological Sciences</i> , 1998, 19, 205-210.   | 0.1 | 30        |
| 26 | Status Epilepticus in Immature Rats Is Associated with Oxidative Stress and Mitochondrial Dysfunction. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 136.  | 1.8 | 30        |
| 27 | Degenerative neuronal changes in the rat thalamus induced by status epilepticus at different developmental stages. <i>Epilepsy Research</i> , 2005, 63, 43-65.   | 0.8 | 29        |
| 28 | Hyperthermia aggravates status epilepticus-induced epileptogenesis and neuronal loss in immature rats. <i>Neuroscience</i> , 2015, 305, 209-224.   | 1.1 | 29        |
| 29 | Intrahippocampal injection of endothelin-1 in immature rats results in neuronal death, development of epilepsy and behavioral abnormalities later in life. <i>European Journal of Neuroscience</i> , 2006, 24, 351-360.            | 1.2 | 28        |
| 30 | Pharmacology of Cortical Epileptic Afterdischarges in Rats. <i>Epilepsia</i> , 1996, 37, 336-341.  | 2.6 | 27        |
| 31 | Motor and electrocorticographic epileptic activity induced by 3-mercaptopropionic acid in immature rats. <i>Epilepsy Research</i> , 1993, 16, 11-18.   | 0.8 | 26        |
| 32 | Action of Antiepileptic Drugs Against Kainic Acid-Induced Seizures and Automatisms During Ontogenesis in Rats. <i>Epilepsia</i> , 1992, 33, 987-993.   | 2.6 | 25        |
| 33 | The effect of ontogenetic development on the anticonvulsant activity of midazolam. <i>Life Sciences</i> , 1992, 50, 1665-1672.   | 2.0 | 23        |
| 34 | Kainate/AMPA receptor antagonists are anticonvulsant against the tonic hindlimb component of pentylenetetrazol-induced seizures in developing rats. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 51, 153-158.             | 1.3 | 23        |
| 35 | Convulsant action of systemically administered glutamate and bicuculline methiodide in immature rats. <i>Epilepsy Research</i> , 2000, 42, 183-189.  | 0.8 | 23        |
| 36 | Neuroprotective effect of the 3 $\beta$ -pregnanolone glutamate treatment in the model of focal cerebral ischemia in immature rats. <i>Neuroscience Letters</i> , 2014, 564, 11-15.  | 1.0 | 23        |

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|----|---|-----|-----------|
| 37 | Aminophylline exhibits convulsant action in rats during ontogenesis. <i>Brain and Development</i> , 1994, 16, 296-300.  | 0.6 | 22        |
| 38 | Calretinin, parvalbumin and calbindin immunoreactive interneurons in perirhinal cortex and temporal area Te3V of the rat brain: Qualitative and quantitative analyses. <i>Brain Research</i> , 2012, 1436, 68-80. | 1.1 | 22        |
| 39 | Intrahippocampal Injection of Endothelin-1: A New Model of Ischemia-induced Seizures in Immature Rats. <i>Epilepsia</i> , 2007, 48, 7-13.   | 2.6 | 21        |
| 40 | Effects of postnatal caffeine exposure on seizure susceptibility in developing rats. <i>Brain Research</i> , 2007, 1150, 32-39.   | 1.1 | 21        |
| 41 | Postnatal caffeine treatment affects differently two pentylenetetrazol seizure models in rats. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 463-469.                               | 0.9 | 21        |
| 42 | New model of cortical epileptic foci in freely moving developing rats. <i>Epilepsy Research</i> , 1993, 15, 27-33.  | 0.8 | 20        |
| 43 | Does Status Epilepticus Influence the Motor Development of Immature Rats?. <i>Epilepsia</i> , 2000, 41, S64-S69.  | 2.6 | 20        |
| 44 | Electrical Stimulation-Induced Models of Seizures. , 2006, , 153-159.   |     | 20        |
| 45 | New Insight on the Mechanisms of Epileptogenesis in the Developing Brain. <i>Advances and Technical Standards in Neurosurgery</i> , 2012, 39, 3-44.   | 0.2 | 20        |
| 46 | Inhibition of glutamate decarboxylase activity by 3-mercaptopropionic acid has different time course in the immature and adult rat brains. <i>Neuroscience Letters</i> , 1997, 226, 68-70.                        | 1.0 | 19        |
| 47 | An Animal Model of Nonconvulsive Status Epilepticus: A Contribution to Clinical Controversies. <i>Epilepsia</i> , 2008, 42, 171-180.  | 2.6 | 19        |
| 48 | Differences between immature and adult rats in brain glutamate decarboxylase inhibition by 3-mercaptopropionic acid. <i>Epilepsy Research</i> , 1995, 20, 179-184.  | 0.8 | 18        |
| 49 | Suppression of cortical epileptic afterdischarges in developing rats by anticonvulsants increasing GABAergic inhibition. <i>Epilepsy Research</i> , 1996, 25, 177-184.  | 0.8 | 18        |
| 50 | Influence of convulsants on rat brain activities of alanine aminotransferase and aspartate aminotransferase. <i>Neurochemical Research</i> , 2001, 26, 1285-1291.   | 1.6 | 17        |
| 51 | Changes of cortical epileptic afterdischarges under the influence of convulsant drugs. <i>Brain Research Bulletin</i> , 2002, 58, 49-54.  | 1.4 | 17        |
| 52 | Effect of free radical spin trap N-tert-butyl- $\beta$ -phenylnitronone (PBN) on seizures induced in immature rats by homocysteic acid. <i>Experimental Neurology</i> , 2006, 201, 105-119.                       | 2.0 | 17        |
| 53 | Consequences of early postnatal benzodiazepines exposure in rats. I. Cognitive-like behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 101.   | 1.0 | 17        |
| 54 | Early caffeine exposure: Transient and long-term consequences on brain excitability. <i>Brain Research Bulletin</i> , 2014, 104, 27-35.   | 1.4 | 17        |

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|----|--|-----|-----------|
| 55 | Comorbidities of early-onset temporal epilepsy: Cognitive, social, emotional, and morphologic dimensions. <i>Experimental Neurology</i> , 2019, 320, 113005.                 | 2.0 | 17        |
| 56 | Motor performance and behavior of immature rats are not compromised by a high dose of topiramate. <i>Epilepsy and Behavior</i> , 2005, 7, 222-230.                           | 0.9 | 16        |
| 57 | Stable Anticonvulsant Action of Benzodiazepines During Development in Rats. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 807-810.                                 | 1.2 | 16        |
| 58 | Calretinin immunoreactivity in the claustrum of the rat. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 160.  | 0.9 | 16        |
| 59 | Outcome of Status Epilepticus in Immature Rats Varies According to the Paraldehyde Treatment. <i>Epilepsia</i> , 2005, 46, 38-42.  | 2.6 | 15        |
| 60 | Effects of early postnatal caffeine exposure on seizure susceptibility of rats are age- and model-dependent. <i>Epilepsy Research</i> , 2010, 88, 231-238.                   | 0.8 | 15        |
| 61 | Consequences of early postnatal benzodiazepines exposure in rats. II. Social behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 169.                           | 1.0 | 15        |
| 62 | Anticonvulsant activity of flumazenil in rats during ontogenetic development. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 44, 581-586.                             | 1.3 | 14        |
| 63 | Non-NMDA receptor antagonist GYKI 52466 suppresses cortical afterdischarges in immature rats. <i>European Journal of Pharmacology</i> , 1997, 333, 17-26.                    | 1.7 | 14        |
| 64 | Lamotrigine does not impair motor performance and spontaneous behavior in developing rats. <i>Epilepsy and Behavior</i> , 2004, 5, 464-471.                                  | 0.9 | 14        |
| 65 | Vigabatrin but not valproate prevents development of age-specific flexion seizures induced by methylaspartate (NMDA) in immature rats. <i>Epilepsia</i> , 2010, 51, 469-472. | 2.6 | 14        |
| 66 | Epilepsy miRNA Profile Depends on the Age of Onset in Humans and Rats. <i>Frontiers in Neuroscience</i> , 2020, 14, 924.   | 1.4 | 14        |
| 67 | Ketamine blocks cortical epileptic afterdischarges but not paired-pulse and frequency potentiation. <i>Neuroscience</i> , 1992, 50, 339-344.                                 | 1.1 | 13        |
| 68 | Effects of a Benzodiazepine, Bretazenil (Ro 16-6028), on Rhythmic Metrazol EEG Activity: Comparison with Standard Anticonvulsants. <i>Epilepsia</i> , 1993, 34, 1135-1140.   | 2.6 | 13        |
| 69 | Biphasic effect of chronic postnatal caffeine treatment on cortical epileptic afterdischarges during ontogeny in rats. <i>Brain Research</i> , 2006, 1082, 43-49.            | 1.1 | 13        |
| 70 | Suppression of cortical epileptic afterdischarges by ketamine is not stable during ontogenesis in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 52, 489-492.   | 1.3 | 12        |
| 71 | Metabotropic glutamate receptors as a target for anticonvulsant and anxiolytic action in immature rats. <i>Epilepsia</i> , 2010, 51, 24-26.                                  | 2.6 | 12        |
| 72 | Dynamic miRNA changes during the process of epileptogenesis in an infantile and adult-onset model. <i>Scientific Reports</i> , 2021, 11, 9649.                               | 1.6 | 12        |

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|----|--|-----|-----------|
| 73 | Effects of NNC 711, a GABA uptake inhibitor, on pentylenetetrazol-induced seizures in developing and adult rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 358, 334-341.   | 1.4 | 11        |
| 74 | Anticonvulsant Action of Topiramate Against Motor Seizures in Developing Rats. <i>Epilepsia</i> , 2000, 41, 1235-1240.   | 2.6 | 11        |
| 75 | Time course of neuronal damage in the hippocampus following lithium-pilocarpine status epilepticus in 12-day-old rats. <i>Brain Research</i> , 2010, 1355, 174-179.  | 1.1 | 11        |
| 76 | Postnatal period of caffeine treatment and time of testing modulate the effect of acute caffeine on cortical epileptic afterdischarges in rats. <i>Brain Research</i> , 2010, 1356, 121-129.   | 1.1 | 11        |
| 77 | Neonatal Clonazepam Administration Induces Long-Lasting Changes in Glutamate Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 382.  | 1.4 | 11        |
| 78 | The benzodiazepine receptor partial agonist Ro 19-8022 suppresses generalized seizures without impairing motor functions in developing rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999, 360, 565-574.                       | 1.4 | 10        |
| 79 | Single systemic dose of vigabatrin induces early proconvulsant and later anticonvulsant effect in rats. <i>Neuroscience Letters</i> , 2001, 312, 37-40.  | 1.0 | 10        |
| 80 | Effects of 2-chloroadenosine on cortical epileptic afterdischarges in immature rats. <i>Pharmacological Reports</i> , 2010, 62, 62-67.   | 1.5 | 10        |
| 81 | Calretinin and parvalbumin immunoreactive interneurons in the retrosplenial cortex of the rat brain: Qualitative and quantitative analyses. <i>Brain Research</i> , 2015, 1627, 201-215.   | 1.1 | 10        |
| 82 | Moderate Anticonvulsant Action of Baclofen Does Not Change during Development. <i>Neonatology</i> , 1996, 69, 405-412.   | 0.9 | 9         |
| 83 | Modulation of adenylyl cyclase activity by baclofen in the developing rat brain: difference between cortex, thalamus and hippocampus. <i>Neuroscience Letters</i> , 2002, 330, 9-12.   | 1.0 | 9         |
| 84 | Effects of LiCl/pilocarpine-induced status epilepticus on rat brain mu and benzodiazepine receptor binding: Regional and ontogenetic studies. <i>Brain Research</i> , 2007, 1181, 104-117.   | 1.1 | 9         |
| 85 | Effects of lamotrigine on cortically-elicited phenomena in adult rats: Differences between acute application and late consequences of early postnatal administration. <i>Brain Research</i> , 2009, 1258, 65-70.                               | 1.1 | 9         |
| 86 | Nonconvulsive Seizures Result in Behavioral but Not Electrophysiological Changes in Developing Rats. <i>Epilepsy and Behavior</i> , 2001, 2, 473-480.  | 0.9 | 8         |
| 87 | Changes in Cytochrome Oxidase in the Piriform Cortex after Status Epilepticus in Adult Rats. <i>Epilepsia</i> , 2005, 46, 89-93.   | 2.6 | 8         |
| 88 | GABAB, not GABAA receptors play a role in cortical postictal refractoriness. <i>Neuropharmacology</i> , 2015, 88, 99-102.  | 2.0 | 8         |
| 89 | Anticonvulsive Effects and Pharmacokinetic Profile of Cannabidiol (CBD) in the Pentylenetetrazol (PTZ) or N-Methyl-D-Aspartate (NMDA) Models of Seizures in Infantile Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 94. | 1.8 | 8         |
| 90 | Changes in NADPH-diaphorase positivity induced by status epilepticus in allocortical structures of the immature rat brain. <i>Brain Research Bulletin</i> , 1999, 48, 39-47.   | 1.4 | 7         |

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|-----|--|-----|-----------|
| 91  | Two Different Anticonvulsant Actions of Tiagabine in Developing Rats. <i>Epilepsia</i> , 2000, 41, 1375-1381.  | 2.6 | 7         |
| 92  | Rebound increase in seizure susceptibility but not isolation-induced calls after single administration of clonazepam and Ro 19-8022 in infant rats. <i>Epilepsy and Behavior</i> , 2011, 20, 12-19.  | 0.9 | 7         |
| 93  | The GluN2B-Selective Antagonist Ro 25-6981 Is Effective against PTZ-Induced Seizures and Safe for Further Development in Infantile Rats. <i>Pharmaceutics</i> , 2021, 13, 1482.  | 2.0 | 7         |
| 94  | Convulsant action of a benzodiazepine receptor agonist/inverse agonist Ro 19-4603 in developing rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1994, 350, 393-397.  | 1.4 | 6         |
| 95  | Different Postnatal Development of Convulsions and Lethality Induced by Strychnine in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995, 77, 219-224.   | 0.0 | 6         |
| 96  | Interaction of Excitatory Amino Acid Agonists with Cortical Afterdischarges in Developing Rats. <i>Epilepsia</i> , 2002, 43, 61-67.  | 2.6 | 6         |
| 97  | Changes of Cortical Interhemispheric Responses after Status Epilepticus in Immature Rats. <i>Epilepsia</i> , 2005, 46, 31-37.  | 2.6 | 6         |
| 98  | NNCâ€711: An Inhibitor of GAB A Uptake with Selective Affinity to GATâ€1. <i>CNS Neuroscience &amp; Therapeutics</i> , 1999, 5, 317-330.   | 4.0 | 6         |
| 99  | Changes of cortical epileptic afterdischarges after status epilepticus in immature rats. <i>Epilepsy Research</i> , 2008, 78, 178-185.   | 0.8 | 6         |
| 100 | Effects of caffeine on cortical epileptic afterdischarges in adult rats are modulated by postnatal treatment. <i>Acta Neurologica Belgica</i> , 2013, 113, 493-500.  | 0.5 | 6         |
| 101 | Influence of early life status epilepticus on the developmental expression profile of the GluA2 subunit of AMPA receptors. <i>Experimental Neurology</i> , 2016, 283, 97-109.  | 2.0 | 6         |
| 102 | The Free Radical Scavenger N-Tert-Butyl-Î±-Phenylnitron (PBN) Administered to Immature Rats During Status Epilepticus Alters Neurogenesis and Has Variable Effects, Both Beneficial and Detrimental, on Long-Term Outcomes. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 266. | 1.8 | 6         |
| 103 | Adenosine A1 Receptor Agonist 2-chloro-N6-cyclopentyladenosine and Hippocampal Excitability During Brain Development in Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 656.  | 1.6 | 6         |
| 104 | The Neuroactive Steroid Pregnanolone Glutamate: Anticonvulsant Effect, Metabolites and Its Effect on Neurosteroid Levels in Developing Rat Brains. <i>Pharmaceutics</i> , 2022, 15, 49.  | 1.7 | 6         |
| 105 | Anticonvulsant Effects of Bretazenil (Ro 16-6028) During Ontogenesis. <i>Epilepsia</i> , 1993, 34, 1130-1134.  | 2.6 | 5         |
| 106 | Derivatives of valproic acid are active against pentetrazol-induced seizures in immature rats. <i>Epilepsy Research</i> , 2013, 106, 64-73.  | 0.8 | 5         |
| 107 | Developmental patterns of postictal refractoriness and potentiation akin to cortical stimulation. <i>Epilepsia</i> , 2015, 56, e10-4.  | 2.6 | 5         |
| 108 | Anticonvulsant Action of GluN2A-Preferring Antagonist PEAQX in Developing Rats. <i>Pharmaceutics</i> , 2021, 13, 415.  | 2.0 | 5         |

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|-----|--|-----|-----------|
| 109 | Long-term changes of activity of cortical neurons after status epilepticus induced at early developmental stages in rats. <i>Neuroscience Letters</i> , 2003, 352, 125-128.  | 1.0 | 4         |
| 110 | Age-dependent suppression of hippocampal epileptic afterdischarges by metabotropic glutamate receptor 5 antagonist MTEP. <i>Pharmacological Reports</i> , 2014, 66, 927-930.   | 1.5 | 4         |
| 111 | Neonatal Clonazepam Administration Induced Long-Lasting Changes in GABAA and GABAB Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3184.   | 1.8 | 4         |
| 112 | Partial Agonist of Benzodiazepine Receptors Ro 19-2088 Elicits Withdrawal Symptoms After Short-Term Administration in Immature Rats. <i>Physiological Research</i> , 2012, 61, 319-323.  | 0.4 | 4         |
| 113 | Qualitative changes of anticonvulsant action of felbamate during development in rats. <i>Brain and Development</i> , 1998, 20, 222-226.  | 0.6 | 3         |
| 114 | Effects of classical antiepileptics on thresholds for phenomena induced by cortical stimulation in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 1011-1015.  | 1.2 | 3         |
| 115 | Different effects of postnatal caffeine treatment on two pentylenetetrazole-induced seizure models persist into adulthood. <i>Pharmacological Reports</i> , 2013, 65, 847-853.   | 1.5 | 3         |
| 116 | Activation of either the ETA or the ETB receptors is involved in the development of electrographic seizures following intrahippocampal infusion of the endothelin-1 in immature rats. <i>Experimental Neurology</i> , 2015, 265, 40-47.                  | 2.0 | 3         |
| 117 | Does status epilepticus induced at early postnatal period change excitability after cortical epileptic afterdischarges?. <i>Epilepsia</i> , 2016, 57, e183-6.  | 2.6 | 3         |
| 118 | Interaction of GABAA and GABAB antagonists after status epilepticus in immature rats. <i>Epilepsy and Behavior</i> , 2020, 102, 106683.  | 0.9 | 3         |
| 119 | Effect of Endothelin-1 on the Excitability of Rat Cortical and Hippocampal Slices In Vitro. <i>Physiological Research</i> , 2012, 61, 215-219.   | 0.4 | 3         |
| 120 | Infantile status epilepticus disrupts myelin development. <i>Neurobiology of Disease</i> , 2022, 162, 105566.  | 2.1 | 3         |
| 121 | Hypoxia-induced changes of seizure susceptibility in immature rats are modified by vigabatrin. <i>Epileptic Disorders</i> , 2007, 9 Suppl 1, S36-43.   | 0.7 | 3         |
| 122 | An Animal Model of Nonconvulsive Status Epilepticus: A Contribution to Clinical Controversies. <i>Epilepsia</i> , 2003, 42, 171-180.   | 2.6 | 2         |
| 123 | Which component of treatment is important for changes of cortical epileptic afterdischarges after status epilepticus in immature rats?. <i>Neuroscience Letters</i> , 2017, 644, 1-4.  | 1.0 | 2         |
| 124 | Effects of Dizocilpine, Midazolam and Their Co-Application on the Trimethyltin (TMT)-Induced Rat Model of Cognitive Deficit. <i>Brain Sciences</i> , 2021, 11, 400.  | 1.1 | 2         |
| 125 | Antiepileptic drugs in neuroprotection. , 0, .   |     | 2         |
| 126 | Corrigendum to "Rebound increase in seizure susceptibility but not isolation-induced calls after single administration of clonazepam and Ro 19-8022 in infant rats" [Epilepsy Behav. 20 (1) (2011) 12-19]. <i>Epilepsy and Behavior</i> , 2012, 23, 398. | 0.9 | 1         |



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|-----|---|-----|-----------|
| 127 | Does status epilepticus modify the effect of ifenprodil on cortical epileptic afterdischarges in immature rats?. <i>Pharmacological Reports</i> , 2018, 70, 126-132.  | 1.5 | 1         |
| 128 | Changing effect of GABA B receptor antagonist CGP46381 after status epilepticus in immature rats. <i>Epilepsy Research</i> , 2019, 149, 17-20.  | 0.8 | 1         |
| 129 | Three neurosteroids as well as GABAergic drugs do not convert immediate postictal potentiation to depression in immature rats. <i>Pharmacological Reports</i> , 2020, 72, 1573-1578.  | 1.5 | 1         |
| 130 | Electrographic seizures induced by activation of ETA and ETB receptors following intrahippocampal infusion of endothelin-1 in immature rats occur by different mechanisms. <i>Experimental Neurology</i> , 2020, 328, 113255. | 2.0 | 1         |
| 131 | Perampanel exhibits anticonvulsant action against pentylentetrazol-induced seizures in immature rats. <i>Epilepsy Research</i> , 2021, 169, 106523.   | 0.8 | 1         |
| 132 | Do Stereoisomers of Homocysteic Acid Exhibit Different Convulsant Action in Immature Rats?. <i>Physiological Research</i> , 2019, 68, S361-S366.  | 0.4 | 1         |
| 133 | E.27 - LICL/PILOCARPINE INDUCED STATUS EPILEPTICUS IN IMMATURE RATS AFFECT BEHAVIORAL RESPONSIVENESS LATTER IN LIFE. <i>Behavioural Pharmacology</i> , 2013, 24, e49.   | 0.8 | 0         |
| 134 | D.5 - MILD PROTECTIVE EFFECT OF 3 $\beta$ -5 $\beta$ -PREGNANOLONE GLUTAMATE IN THE MODEL OF FOCAL CEREBRAL ISCHEMIA IN IMMATURE RATS. <i>Behavioural Pharmacology</i> , 2013, 24, e38.                                       | 0.8 | 0         |
| 135 | Ambiguous effects of neuroprotective treatment with free radical scavenger N-tert-butyl-alfa-phenylnitron (PBN) on outcome of status epilepticus and their mechanisms. <i>Pharmacological Reports</i> , 2015, 67, 5.          | 1.5 | 0         |
| 136 | Ontogenetic Development of Sensitivity of the Cerebral Cortex to an Antagonist of GABAA Receptor Bicuculline. <i>Physiological Research</i> , 2018, 67, 149-153.  | 0.4 | 0         |
| 137 | Adenosine Kinase Isoforms in the Developing Rat Hippocampus after LiCl/Pilocarpine Status Epilepticus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2510.   | 1.8 | 0         |
| 138 | Effects of a GABA-B receptor agonist baclofen on cortical epileptic afterdischarges in rats. <i>Epileptic Disorders</i> , 2007, 9 Suppl 1, S44-51.  | 0.7 | 0         |