

Vladimir Pekarik

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,061
citations

759233

12
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

3133
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and rapid generation of induced pluripotent stem cells from human keratinocytes. <i>Nature Biotechnology</i> , 2008, 26, 1276-1284.	17.5	1,275
2	Sonic hedgehog guides commissural axons along the longitudinal axis of the spinal cord. <i>Nature Neuroscience</i> , 2005, 8, 297-304.	14.8	222
3	Screening for gene function in chicken embryo using RNAi and electroporation. <i>Nature Biotechnology</i> , 2003, 21, 93-96.	17.5	194
4	Peripubertal cannabidiol treatment rescues behavioral and neurochemical abnormalities in the MAM model of schizophrenia. <i>Neuropharmacology</i> , 2019, 146, 212-221.	4.1	59
5	FoxP1 marks medium spiny neurons from precursors to maturity and is required for their differentiation. <i>Experimental Neurology</i> , 2016, 282, 9-18.	4.1	45
6	Crosstalk between the transcriptional regulation of dopamine D2 and cannabinoid CB1 receptors in schizophrenia: Analyses in patients and in perinatal δ^9 -tetrahydrocannabinol-exposed rats. <i>Pharmacological Research</i> , 2021, 164, 105357.	7.1	43
7	Altered dopamine D3 receptor gene expression in MAM model of schizophrenia is reversed by peripubertal cannabidiol treatment. <i>Biochemical Pharmacology</i> , 2020, 177, 114004.	4.4	36
8	The survival of neural precursor cell grafts is influenced by in vitro expansion. <i>Journal of Anatomy</i> , 2005, 207, 227-240.	1.5	30
9	Spongiform encephalopathies: Insights from transgenic models. <i>Advances in Virus Research</i> , 2001, 56, 313-352.	2.1	15
10	Prions: Pathogenesis and Reverse Genetics. <i>Annals of the New York Academy of Sciences</i> , 2000, 920, 140-157.	3.8	15
11	Design of shRNAs for RNAi – A lesson from pre-miRNA processing: Possible clinical applications. <i>Brain Research Bulletin</i> , 2005, 68, 115-120.	3.0	12
12	Genetic, temporal and diurnal influences on L-dopa-induced dyskinesia in the 6-OHDA model. <i>Brain Research Bulletin</i> , 2009, 78, 248-253.	3.0	12
13	Visualization of stable ferritin complexes with palladium, rhodium and iridium nanoparticles detected by their catalytic activity in native polyacrylamide gels. <i>Dalton Transactions</i> , 2017, 46, 13690-13694.	3.3	11
14	Analysis of the Prion Protein in Primates Reveals a New Polymorphism in Codon 226 (Y226F). <i>Biological Chemistry</i> , 2002, 383, 1021-5.	2.5	10
15	Prevalent anatase crystalline phase increases the cytotoxicity of biphasic titanium dioxide nanoparticles in mammalian cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110391.	5.0	10
16	Detergent-modified catalytic and enzymomimetic activity of silver and palladium nanoparticles biotemplated by <i>Pyrococcus furiosus</i> ferritin. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 20-27.	9.4	10
17	An enzymatic assay based on luciferase Ebola virus-like particles for evaluation of virolytic activity of antimicrobial peptides. <i>Peptides</i> , 2017, 88, 87-96.	2.4	5
18	Insertional mutagenesis of preneoplastic astrocytes by Moloney murine leukemia virus. <i>Journal of NeuroVirology</i> , 2001, 7, 169-181.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Direct fluorogenic detection of palladium and platinum organometallic complexes with proteins and nucleic acids in polyacrylamide gels. <i>Scientific Reports</i> , 2020, 10, 12344.	3.3	4
20	Characterization of Two Nonsense Mutations in the Human Dystrophin Gene. <i>Journal of Neurogenetics</i> , 1998, 12, 183-189.	1.4	3
21	Prostate Cancer, miRNAs, Metallothioneins and Resistance to Cytostatic Drugs. <i>Current Medicinal Chemistry</i> , 2013, 20, 534-544.	2.4	2
22	Haplotype analysis of the fragile X syndrome gene FMR1 in the Czech Republic. <i>American Journal of Medical Genetics Part A</i> , 1999, 84, 214-216.	2.4	2
23	Toward understanding the kinetics of disassembly of ferritins of varying origin and subunit composition. <i>Applied Materials Today</i> , 2022, 28, 101535.	4.3	2
24	Investigation of Detergent-Modified Enzymomimetic Activities of TEMED-Templated Nanoceria Towards Fluorescent Detection of Their Cellular Uptake. <i>ChemistrySelect</i> , 2018, 3, 10139-10146.	1.5	1