

Richard B Banati

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,885
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2969
citing authors

#	ARTICLE	IF	CITATIONS
1	In-vivo measurement of activated microglia in dementia. <i>Lancet, The</i> , 2001, 358, 461-467.	13.7	983
2	Effects of ionizing radiation on mitochondria. <i>Free Radical Biology and Medicine</i> , 2013, 65, 607-619.	2.9	270
3	Positron emission tomography and functional characterization of a complete PBR/TSPO knockout. <i>Nature Communications</i> , 2014, 5, 5452.	12.8	199
4	The impact of high and low dose ionising radiation on the central nervous system. <i>Redox Biology</i> , 2016, 9, 144-156.	9.0	96
5	Lost in translocation: the functions of the 18-kD translocator protein. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 349-356.	7.1	60
6	Mitochondria in activated microglia in vitro. <i>Journal of Neurocytology</i> , 2004, 33, 535-541.	1.5	58
7	Functional gains in energy and cell metabolism after <i>TSPO</i> gene insertion. <i>Cell Cycle</i> , 2017, 16, 436-447.	2.6	58
8	Investigating the interactions of the 18kDa translocator protein and its ligand PK11195 in planar lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1019-1030.	2.6	38
9	Long-term diazepam treatment enhances microglial spine engulfment and impairs cognitive performance via the mitochondrial 18kDa translocator protein (TSPO). <i>Nature Neuroscience</i> , 2022, 25, 317-329.	14.8	29
10	Inter-annual variation in the density of anthropogenic debris in the Tasman Sea. <i>Marine Pollution Bulletin</i> , 2017, 124, 51-55.	5.0	21
11	Using water quality and isotope studies to inform research in chronic kidney disease of unknown aetiology endemic areas in Sri Lanka. <i>Science of the Total Environment</i> , 2020, 745, 140896.	8.0	17
12	<i>Guwiyang Wurra</i> ™: a global gene knockout model for TSPO/PBR drug development, loss-of-function and mechanisms of compensation studies. <i>Biochemical Society Transactions</i> , 2015, 43, 553-558.	3.4	14
13	Protein-ligand and membrane-ligand interactions in pharmacology: the case of the translocator protein (TSPO). <i>Pharmacological Research</i> , 2015, 100, 58-63.	7.1	13
14	Ground state depletion microscopy as a tool for studying microglia-synapse interactions. <i>Journal of Neuroscience Research</i> , 2021, 99, 1515-1532.	2.9	6
15	The Effects of Thermal Pasteurisation, Freeze-Drying, and Gamma-Irradiation on the Antibacterial Properties of Donor Human Milk. <i>Foods</i> , 2021, 10, 2077.	4.3	6
16	The effect of thermal pasteurization, freeze-drying, and gamma irradiation on donor human milk. <i>Food Chemistry</i> , 2022, 373, 131402.	8.2	6
17	Subcellular distribution of the 18 kDa translocator protein and transcript variant PBR-S in human cells. <i>Gene</i> , 2017, 613, 45-56.	2.2	4
18	Calcium-axonemal microtubuli interactions underlie mechanism(s) of primary cilia morphological changes. <i>Journal of Biological Physics</i> , 2018, 44, 53-80.	1.5	3