

Richard Hw Funk

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,015
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1636
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic effects “ From cell biology to medicine. Progress in Histochemistry and Cytochemistry, 2009, 43, 177-264.	5.1	317
2	Mapping of single cells by near infrared Raman microspectroscopy. Vibrational Spectroscopy, 2003, 32, 75-83.	2.2	170
3	Effects of Electromagnetic Fields on Cells: Physiological and Therapeutical Approaches and Molecular Mechanisms of Interaction. Cells Tissues Organs, 2006, 182, 59-78.	2.3	136
4	Identification of organelles and vesicles in single cells by Raman microspectroscopic mapping. Vibrational Spectroscopy, 2005, 38, 85-93.	2.2	87
5	Age-related changes in cells and tissues due to advanced glycation end products (AGEs). Archives of Gerontology and Geriatrics, 2001, 32, 233-243.	3.0	71
6	Two Clonal Cell Lines of Immortalized Human Corneal Endothelial Cells Show either Differentiated or Precursor Cell Characteristics. Cells Tissues Organs, 2008, 187, 286-294.	2.3	64
7	Persistent directional cell migration requires ion transport proteins as direction sensors and membrane potential differences in order to maintain directedness. BMC Cell Biology, 2011, 12, 4.	3.0	54
8	Tissue Engineering of the Corneal Endothelium: A Review of Carrier Materials. Journal of Functional Biomaterials, 2013, 4, 178-208.	4.4	33
9	Ion imaging during axolotl tail regeneration in vivo. Developmental Dynamics, 2010, 239, 2048-2057.	1.8	28
10	Experimental Induction of AGEs in Fetal L132 Lung Cells Changes the Level of Intracellular Cathepsin D. Biochemical and Biophysical Research Communications, 1999, 261, 175-182.	2.1	19
11	Coupling of pulsed electromagnetic fields (PEMF) therapy to molecular grounds of the cell. American Journal of Translational Research (discontinued), 2018, 10, 1260-1272.	0.0	15
12	Phospho-NHE3 forms membrane patches and interacts with beta-actin to sense and maintain constant direction during cell migration. Experimental Cell Research, 2014, 324, 13-29.	2.6	14
13	Ultrastructural identification of caveolae and immunocytochemical as well as biochemical detection of caveolin in chondrocytes. The Histochemical Journal, 1999, 31, 315-320.	0.6	7