

Irina L Tourkova

List of Publications by Year in descending order

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papers

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232
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#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cell energy deficit and oxidative stress contribute to osteopenia in the Pahenu2 classical PKU mouse. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 173-179.	1.1	8
2	The function of the calcium channel Orai1 in osteoclast development. <i>FASEB Journal</i> , 2021, 35, e21653.	0.5	4
3	A New View of Bone Loss in Phenylketonuria. <i>Organogenesis</i> , 2021, , 1-6.	1.2	2
4	Growth and mineralization of osteoblasts from mesenchymal stem cells on microporous membranes: Epithelial-like growth with transmembrane resistance and pH gradient. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 14-19.	2.1	3
5	Phylogeny and chemistry of biological mineral transport. <i>Bone</i> , 2020, 141, 115621.	2.9	8
6	Generation of an immunodeficient mouse model of tcirg1-deficient autosomal recessive osteopetrosis. <i>Bone Reports</i> , 2020, 12, 100242.	0.4	4
7	A bone mineralization defect in the Pahenu2 model of classical phenylketonuria involves compromised mesenchymal stem cell differentiation. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 193-199.	1.1	18
8	Support of bone mineral deposition by regulation of pH. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C587-C597.	4.6	24
9	Adrenocorticotrophic hormone and 1,25-dihydroxyvitamin D3 enhance human osteogenesis in vitro by synergistically accelerating the expression of bone-specific genes. <i>Laboratory Investigation</i> , 2017, 97, 1072-1083.	3.7	28
10	Follicle stimulating hormone receptor in mesenchymal stem cells integrates effects of glycoprotein reproductive hormones. <i>Annals of the New York Academy of Sciences</i> , 2015, 1335, 100-109.	3.8	16
11	Critical Role for the Calcium-Release Activated Calcium Channel Orai1 In RANKL-Stimulated Osteoclast Formation From Monocytic Cells. <i>Blood</i> , 2010, 116, 928-928.	1.4	1