

# Peter Owens

## List of Publications by Year in descending order

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9  
papers

261  
citations

1040056

9  
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1474206

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10  
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10  
docs citations

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times ranked

506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic Acid Based Hydrogels Attenuate Inflammatory Receptors and Neurotrophins in Interleukin-1 <sup>β</sup> Induced Inflammation Model of Nucleus Pulposus Cells. <i>Biomacromolecules</i> , 2015, 16, 1714-1725.	5.4	84
2	Threshold-based segmentation of fluorescent and chromogenic images of microglia, astrocytes and oligodendrocytes in Fiji. <i>Journal of Neuroscience Methods</i> , 2018, 295, 87-103.	2.5	38
3	Osteogenic Differentiation of Mesenchymal Stem Cells by Mimicking the Cellular Niche of the Endochondral Template. <i>Tissue Engineering - Part A</i> , 2016, 22, 1176-1190.	3.1	33
4	Significant glial alterations in response to iron loading in a novel organotypic hippocampal slice culture model. <i>Scientific Reports</i> , 2016, 6, 36410.	3.3	33
5	Frequency Domain Fluorescence Lifetime Study of Crude Petroleum Oils. <i>Journal of Fluorescence</i> , 2008, 18, 997-1006.	2.5	20
6	Primary cilium-associated genes mediate bone marrow stromal cell response to hypoxia. <i>Stem Cell Research</i> , 2014, 13, 284-299.	0.7	16
7	Mimicking the Biochemical and Mechanical Extracellular Environment of the Endochondral Ossification Process to Enhance the <i>In Vitro</i> Mineralization Potential of Human Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2017, 23, 1466-1478.	3.1	16
8	Low Temperature Fluorescence Studies of Crude Petroleum Oils. <i>Energy &amp; Fuels</i> , 2011, 25, 5022-5032.	5.1	11
9	ROCK activity and the G <sup>12</sup> /RhoA complex mediate chemotactic migration of mouse bone marrow-derived stromal cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 136.	5.5	10