

# Eric Bergeron

## List of Publications by Year in descending order

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18  
papers

704  
citations

567281

15  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1264  
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP-9-induced muscle heterotopic ossification requires changes to the skeletal muscle microenvironment. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1166-1177.	2.8	90
2	Murine Preosteoblast Differentiation Induced by a Peptide Derived from Bone Morphogenetic Proteins-9. <i>Tissue Engineering - Part A</i> , 2009, 15, 3341-3349.	3.1	62
3	Bone cells-biomaterials interactions. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 1023.	3.0	56
4	Gold nanoparticle-assisted all optical localized stimulation and monitoring of Ca <sup>2+</sup> signaling in neurons. <i>Scientific Reports</i> , 2016, 6, 20619.	3.3	55
5	Bone repair: New developments in growth factor delivery systems and their mathematical modeling. <i>Journal of Controlled Release</i> , 2012, 162, 502-520.	9.9	53
6	Sanguinarine induces apoptosis of human osteosarcoma cells through the extrinsic and intrinsic pathways. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 446-451.	2.1	49
7	The Evaluation of Ectopic Bone Formation Induced by Delivery Systems for Bone Morphogenetic Protein-9 or Its Derived Peptide. <i>Tissue Engineering - Part A</i> , 2012, 18, 342-352.	3.1	46
8	In Vivo Laser-Mediated Retinal Ganglion Cell Optoporation Using K <sup>V</sup> 1.1 Conjugated Gold Nanoparticles. <i>Nano Letters</i> , 2018, 18, 6981-6988.	9.1	44
9	Hyperspectral reflected light microscopy of plasmonic Au/Ag alloy nanoparticles incubated as multiplex chromatic biomarkers with cancer cells. <i>Analyst, The</i> , 2014, 139, 5247-5253.	3.5	42
10	Hyperspectral darkfield microscopy of PEGylated gold nanoparticles targeting CD44-expressing cancer cells. <i>Journal of Biophotonics</i> , 2015, 8, 162-167.	2.3	40
11	Cell-specific optoporation with near-infrared ultrafast laser and functionalized gold nanoparticles. <i>Nanoscale</i> , 2015, 7, 17836-17847.	5.6	39
12	Wide-field hyperspectral 3D imaging of functionalized gold nanoparticles targeting cancer cells by reflected light microscopy. <i>Journal of Biophotonics</i> , 2015, 8, 401-407.	2.3	35
13	Effect of functionalized polycaprolactone on the behaviour of murine preosteoblasts. <i>Biomaterials</i> , 2010, 31, 6468-6476.	11.4	28
14	Cell perforation mediated by plasmonic bubbles generated by a single near infrared femtosecond laser pulse. <i>Journal of Biophotonics</i> , 2016, 9, 26-31.	2.3	25
15	Short-term effects of adhesion peptides on the responses of preosteoblasts to pBMP-9. <i>Biomaterials</i> , 2008, 29, 1005-1016.	11.4	20
16	Preventing MEK1 activation influences the responses of human osteosarcoma cells to bone morphogenetic proteins 2 and 9. <i>Anti-Cancer Drugs</i> , 2013, 24, 278-290.	1.4	10
17	3D multiplexed immunoplasmonics microscopy. <i>Nanoscale</i> , 2016, 8, 13263-13272.	5.6	8
18	Dynamic imaging of transient bubbles generated by femtosecond irradiation of plasmonic nanoparticles in suspensions and cell environment. , 2014, , .		2