

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