

Callum Stewart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2142946/publications.pdf>

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7
papers

356
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of biomimetic surface functionalization for bone-integrating orthopedic implants: Mechanisms, current approaches, and future directions. <i>Progress in Materials Science</i> , 2019, 106, 100588.	32.8	147
2	First proof of bismuth oxide nanoparticles as efficient radiosensitisers on highly radioresistant cancer cells. <i>Physica Medica</i> , 2016, 32, 1444-1452.	0.7	61
3	High- Z Nanostructured Ceramics in Radiotherapy: First Evidence of $Ta_{2}O_{5}$ -Induced Dose Enhancement on Radioresistant Cancer Cells in an MV Photon Field. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 500-505.	2.3	38
4	Synthesis of potential theranostic system consisting of methotrexate-immobilized (3-aminopropyl)trimethoxysilane coated β - $Bi_{2}O_{3}$ nanoparticles for cancer treatment. <i>RSC Advances</i> , 2014, 4, 24412.	3.6	38
5	Radical-functionalized plasma polymers: Stable biomimetic interfaces for bone implant applications. <i>Applied Materials Today</i> , 2019, 16, 456-473.	4.3	37
6	Cellular responses to radical propagation from ion-implanted plasma polymer surfaces. <i>Applied Surface Science</i> , 2018, 456, 701-710.	6.1	21
7	Engineering of Bismuth Oxide Nanoparticles to Induce Differential Biochemical Activity in Malignant and Nonmalignant Cells. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 960-964.	2.3	14