

Nigel J Cassidy

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

277
citations

1163117
8
h-index

1474206
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g-index

9
all docs

9
docs citations

9
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural attenuation of chlorinated ethenes in hyporheic zones: A review of key biogeochemical processes and in-situ transformation potential. <i>Water Research</i> , 2018, 128, 362-382.	11.3	90
2	Direct electrical stimulation enhances osteogenesis by inducing Bmp2 and Spp1 expressions from macrophages and preosteoblasts. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3421-3432.	3.3	59
3	Numerical modelling of deep coaxial borehole heat exchangers in the Cheshire Basin, UK. <i>Computers and Geosciences</i> , 2021, 152, 104752.	4.2	37
4	Electrical stimulation of titanium to promote stem cell orientation, elongation and osteogenesis. <i>Acta Biomaterialia</i> , 2022, 139, 204-217.	8.3	35
5	Changes in the extracellular microenvironment and osteogenic responses of mesenchymal stem/stromal cells induced by in vitro direct electrical stimulation. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142097414.	5.5	20
6	Revealing chlorinated ethene transformation hotspots in a nitrate-impacted hyporheic zone. <i>Water Research</i> , 2019, 161, 222-231.	11.3	15
7	Thermal and Economic Analysis of Heat Exchangers as Part of a Geothermal District Heating Scheme in the Cheshire Basin, UK. <i>Energies</i> , 2022, 15, 1983.	3.1	9
8	A sensitivity analysis of a single extraction well from deep geothermal aquifers in the Cheshire Basin, UK. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2022, 55, .	1.4	8
9	Challenges and perspectives for integral bridges in the UK: PLEXUS small-scale experiments. <i>Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction</i> , 2022, 175, 27-43.	1.7	4