

David Robert Grimes

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8684363/david-robert-grimes-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

760
citations

15
h-index

27
g-index

51
ext. papers

1,016
ext. citations

5.2
avg, IF

5.37
L-index

#	Paper	IF	Citations
37	Association between magnetic field exposure and miscarriage risk is not supported by the data. <i>Scientific Reports</i> , 2021 , 11, 22143	4.9	1
36	The new normal? Redaction bias in biomedical science.. <i>Royal Society Open Science</i> , 2021 , 8, 211308	3.3	1
35	Modeling Cervical Cancer Screening Strategies With Varying Levels of Human Papillomavirus Vaccination. <i>JAMA Network Open</i> , 2021 , 4, e2115321	10.4	2
34	Medical disinformation and the unviable nature of COVID-19 conspiracy theories. <i>PLoS ONE</i> , 2021 , 16, e0245900	3.7	37
33	Estimation of the oxygen enhancement ratio for charged particle radiation. <i>Physics in Medicine and Biology</i> , 2020 , 65, 15NT01	3.8	3
32	Establishing a taxonomy of potential hazards associated with communicating medical science in the age of disinformation. <i>BMJ Open</i> , 2020 , 10, e035626	3	5
31	Close Encounters of the Cell Kind: The Impact of Contact Inhibition on Tumour Growth and Cancer Models. <i>Bulletin of Mathematical Biology</i> , 2020 , 82, 20	2.1	2
30	Health disinformation & social media: The crucial role of information hygiene in mitigating conspiracy theory and infodemics. <i>EMBO Reports</i> , 2020 , 21, e51819	6.5	11
29	Evidence for hypoxia increasing the tempo of evolution in glioblastoma. <i>British Journal of Cancer</i> , 2020 , 123, 1562-1569	8.7	7
28	A dangerous balancing act: On matters of science, a well-meaning desire to present all views equally can be a Trojan horse for damaging falsehoods. <i>EMBO Reports</i> , 2019 , 20, e48706	6.5	5
27	Modelling science trustworthiness under publish or perish pressure. <i>Royal Society Open Science</i> , 2018 , 5, 171511	3.3	67
26	Distinguishing Polemic From Commentary in Science: Some Guidelines Illustrated With the Case of Sage and Burgio (2017). <i>Child Development</i> , 2018 , 89, 141-147	4.9	10
25	Oxygen diffusion in ellipsoidal tumour spheroids. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	11
24	An approximate analytical solution of the Bethe equation for charged particles in the radiotherapeutic energy range. <i>Scientific Reports</i> , 2017 , 7, 9781	4.9	16
23	Hypoxia imaging and radiotherapy: bridging the resolution gap. <i>British Journal of Radiology</i> , 2017 , 90, 20160939	3.4	25
22	Dose Quantification in UV Phototherapy. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 996, 349-360	3.6	2
21	Methods: Using Three-Dimensional Culture (Spheroids) as an In Vitro Model of Tumour Hypoxia. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 899, 167-96	3.6	32

20	On the Viability of Conspiratorial Beliefs. <i>PLoS ONE</i> , 2016 , 11, e0147905	3.7	33
19	The Role of Oxygen in Avascular Tumor Growth. <i>PLoS ONE</i> , 2016 , 11, e0153692	3.7	35
18	Oxygen Partial Pressure Is a Rate-Limiting Parameter for Cell Proliferation in 3D Spheroids Grown in Physioxic Culture Condition. <i>PLoS ONE</i> , 2016 , 11, e0161239	3.7	29
17	Simulation of parabolic reflectors for ultraviolet phototherapy. <i>Physics in Medicine and Biology</i> , 2016 , 61, N394-402	3.8	1
16	Estimating oxygen distribution from vasculature in three-dimensional tumour tissue. <i>Journal of the Royal Society Interface</i> , 2016 , 13,	4.1	29
15	A mechanistic investigation of the oxygen fixation hypothesis and oxygen enhancement ratio. <i>Biomedical Physics and Engineering Express</i> , 2015 , 1, 045209	1.5	65
14	Commentary on "Are fluoride levels in drinking water associated with hypothyroidism prevalence in England? A large observational study of GP practice data and fluoride levels in drinking water". <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 616	5.1	5
13	Ultraviolet radiation therapy and UVR dose models. <i>Medical Physics</i> , 2015 , 42, 440-55	4.4	20
12	String theory--the physics of string-bending and other electric guitar techniques. <i>PLoS ONE</i> , 2014 , 9, e102088	3.7	5
11	Oxygen consumption dynamics in steady-state tumour models. <i>Royal Society Open Science</i> , 2014 , 1, 140089	3.9	44
10	A method for estimating the oxygen consumption rate in multicellular tumour spheroids. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20131124	4.1	172
9	Proposed mechanisms for homeopathy are physically impossible. <i>Focus on Alternative and Complementary Therapies</i> , 2012 , 17, 149-155		18
8	A computational simulation of reflector and tube effects in ultraviolet phototherapy. <i>Physics in Medicine and Biology</i> , 2012 , 57, 6661-70	3.8	6
7	Investigations of cabin design in UV phototherapy. <i>Medical Physics</i> , 2012 , 39, 3019-25	4.4	8
6	Reflection modeling in ultraviolet phototherapy. <i>Medical Physics</i> , 2011 , 38, 4312-20	4.4	7
5	Dose modeling in ultraviolet phototherapy. <i>Medical Physics</i> , 2010 , 37, 5251-7	4.4	15
4	MultiCellDS: a community-developed standard for curating microenvironment-dependent multicellular data		8
3	MultiCellDS: a standard and a community for sharing multicellular data		7

2	Modeling science trustworthiness under publish or perish pressure	1
1	Hypoxia increases the tempo of evolution in glioblastoma	2