Oliver Redfern

List of Publications by Year
in descending order

33 papers	**1,886** citations	394421 **19** h-index	434195 **31** g-index
33 all docs	**33** docs citations	**33** times ranked	**2694** citing authors

#	Article	IF	Citations
1	Predicting protein function from sequence and structure. Nature Reviews Molecular Cell Biology, 2007, 8, 995-1005.	37.0	485
2	What impact does nursing care left undone have on patient outcomes? Review of the literature. Journal of Clinical Nursing, 2018, 27, 2248-2259.	3.0	252
3	Nurse staffing, nursing assistants and hospital mortality: retrospective longitudinal cohort study. BMJ Quality and Safety, 2019, 28, 609-617.	3.7	211
4	Structural Diversity of Domain Superfamilies in the CATH Database. Journal of Molecular Biology, 2006, 360, 725-741.	4.2	120
5	A comparison of the ability of the National Early Warning Score and the National Early Warning Score 2 to identify patients at risk of in-hospital mortality: A multi-centre database study. Resuscitation, 2019, 134, 147-156.	3.0	104
6	CATHEDRAL: A Fast and Effective Algorithm to Predict Folds and Domain Boundaries from Multidomain Protein Structures. PLoS Computational Biology, 2007, 3, e232.	3.2	90
7	The CATH Hierarchy Revisited—Structural Divergence in Domain Superfamilies and the Continuity of Fold Space. Structure, 2009, 17, 1051-1062.	3.3	58
8	A Comparison of the Quick Sequential (Sepsis-Related) Organ Failure Assessment Score and the National Early Warning Score in Non-ICU Patients With/Without Infection. Critical Care Medicine, 2018, 46, 1923-1933.	0.9	58
9	Are long nursing shifts on hospital wards associated with sickness absence? A longitudinal retrospective observational study. Journal of Nursing Management, 2019, 27, 19-26.	3.4	57
10	Trajectories of vital signs in patients with COVID-19. Resuscitation, 2020, 156, 99-106.	3.0	47
11	FLORA: A Novel Method to Predict Protein Function from Structure in Diverse Superfamilies. PLoS Computational Biology, 2009, 5, e1000485.	3.2	43
12	Predicting in-hospital mortality and unanticipated admissions to the intensive care unit using routinely collected blood tests and vital signs: Development and validation of a multivariable model. Resuscitation, 2018, 133, 75-81.	3.0	40
13	Nurses' 12-hour shifts and missed or delayed vital signs observations on hospital wards: retrospective observational study. BMJ Open, 2019, 9, e024778.	1.9	40
14	Detecting Deteriorating Patients in the Hospital: Development and Validation of a Novel Scoring System. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 44-52.	5.6	39
15	Detailed Analysis of Function Divergence in a Large and Diverse Domain Superfamily: Toward a Refined Protocol of Function Classification. Structure, 2010, 18, 1522-1535.	3.3	33
16	The association between nurse staffing levels and the timeliness of vital signs monitoring: a retrospective observational study in the UK. BMJ Open, 2019, 9, e032157.	1.9	33
17	How long do nursing staff take to measure and record patients' vital signs observations in hospital? A time-and-motion study. International Journal of Nursing Studies, 2021, 118, 103921.	5.6	29
18	Cancer‐associated mutations are preferentially distributed in protein kinase functional sites. Proteins: Structure, Function and Bioinformatics, 2009, 77, 892-903.	2.6	26

#	Article	IF	Citations
19	Teaching a 'good' ward round. Clinical Medicine, 2015, 15, 135-138.	1.9	21
20	The association between nurse staffing levels and a failure to respond to patients with deranged physiology: A retrospective observational study in the UK. Resuscitation, 2020, 149, 202-208.	3.0	20
21	The effect of fractional inspired oxygen concentration on early warning score performance: A database analysis. Resuscitation, 2019, 139, 192-199.	3.0	18
22	Survey of current protein family databases and their application in comparative, structural and functional genomics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 815, 97-107.	2.3	17
23	Night work for hospital nurses and sickness absence: a retrospective study using electronic rostering systems. Chronobiology International, 2020, 37, 1357-1364.	2.0	10
24	Frailty and unplanned admissions to the intensive care unit: a retrospective cohort study in the UK. Intensive Care Medicine, 2020, 46, 1512-1513.	8.2	10
25	Comparative effectiveness of common treatments for new-onset atrial fibrillation within the ICU: Accounting for physiological status. Journal of Critical Care, 2022, 67, 149-156.	2.2	7
26	New-onset atrial fibrillation in intensive care: epidemiology and outcomes. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 620-628.	1.0	7
27	Observational study of the relationship between nurse staffing levels and compliance with mandatory nutritional assessments in hospital. Journal of Human Nutrition and Dietetics, 2021, 34, 679-686.	2.5	5
28	Frailty assessment in very old intensive care patients: the Hospital Frailty Risk Score answers another question. Intensive Care Medicine, 2020, 46, 1516-1517.	8.2	2
29	Circadian variation in new-onset atrial fibrillation in patients in ICUs. Journal of Critical Care, 2022, 67, 1-2.	2.2	2
30	Response to Inpatient illness severity surveys provide essential data for planning capacity and managing patient flow in the acute hospital setting <i>(J Intensive Care Soc</i> 2016; 17: 196–201). Journal of the Intensive Care Society, 2017, 18, 175-176.	2.2	1
31	Evaluation of a digital system to predict unplanned admissions to the intensive care unit: A mixed-methods approach. Resuscitation Plus, 2022, 9, 100193.	1.7	1
32	Reply to: NEWS2 needs to be tested in prospective trials involving patients with confirmed hypercapnia. Resuscitation, 2019, 139, 371-372.	3.0	0
33	The authors reply. Critical Care Medicine, 2019, 47, e266-e267.	0.9	0