

# R Nigel Edwards

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11076579/publications.pdf>

Version: 2024-02-01

14  
papers

423  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the resource evaluation of marine gas hydrate deposits using seaâ€šfloor transient electric dipoleâ€šdipole methods. <i>Geophysics</i> , 1997, 62, 63-74.	2.6	167
2	12. Electrical Exploration Methods for the Seafloor. , 1991, , 931-966.		119
3	Marine downhole to seafloor dipole-dipole electromagnetic methods and the resolution of resistive targets. <i>Geophysics</i> , 2007, 72, WA39-WA49.	2.6	47
4	The marine controlled source electromagnetic response of a steel borehole casing: applications for the NEPTUNE Canada gas hydrate observatory. <i>Geophysical Prospecting</i> , 2013, 61, 842-856.	1.9	33
5	The transient electromagnetic response of a resistive sheet: straightforward but not trivial. <i>Geophysical Journal International</i> , 2009, 179, 1488-1498.	2.4	13
6	The transient electromagnetic response of a resistive sheet: an extension to three dimensions. <i>Geophysical Journal International</i> , 2010, 182, 663-674.	2.4	12
7	The electromagnetic response of a horizontal electric dipole buried in a multiâ€šlayered earth. <i>Geophysical Prospecting</i> , 2018, 66, 240-256.	1.9	8
8	Resource Evaluation of Marine Gas Hydrate Deposits Using Seafloor Compliance Methods. <i>Annals of the New York Academy of Sciences</i> , 2000, 912, 146-158.	3.8	7
9	Joint inversion of navigation and resistivity using a fixed transmitter and a towed receiver array: a transient marine CSEM model study. <i>Geophysical Journal International</i> , 2011, 186, 987-996.	2.4	7
10	Effects of sea states on seafloor compliance studies. <i>Marine Geophysical Researches</i> , 2010, 31, 99-107.	1.2	5
11	A temporal trend in compliance measurements near a gas hydrate accumulation, Northern Cascadia. <i>Geophysics</i> , 2015, 80, EN119-EN126.	2.6	2
12	Reply to Discussion by J. R. Wait. <i>Geophysics</i> , 1981, 46, 935-936.	2.6	2
13	Transient marine electromagnetic responses of 3D resistive structures: Implications for navigation. <i>Geophysics</i> , 2013, 78, E33-E39.	2.6	1
14	Relationship between Electrical and Thermal Conductivities for Evaluating Thermal Regime of Gas Hydrate Bearing Sedimentary Layers. <i>Annals of the New York Academy of Sciences</i> , 2006, 912, 167-172.	3.8	0