

# Richard J Howarth

## List of Publications by Year in descending order

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23  
papers

884  
citations

687363

13  
h-index

642732

23  
g-index

38  
all docs

38  
docs citations

38  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Duplicate analysis in geochemical practice. Part I. Theoretical approach and estimation of analytical reproducibility. <i>Analyst, The</i> , 1976, 101, 690.	3.5	232
2	A new approach to the estimation of analytical precision. <i>Journal of Geochemical Exploration</i> , 1978, 9, 23-30.	3.2	160
3	The rapid estimation and control of precision by duplicate determinations. <i>Analyst, The</i> , 1973, 98, 153.	3.5	100
4	Duplicate analysis in geochemical practice. Part II. Examination of proposed method and examples of its use. <i>Analyst, The</i> , 1976, 101, 699.	3.5	73
5	The frequency distribution of analytical error. <i>Analyst, The</i> , 1980, 105, 1188.	3.5	52
6	Sources for a history of the ternary diagram. <i>British Journal for the History of Science</i> , 1996, 29, 337-356.	0.7	41
7	Metals in the sediments of Ensenada de San Simão (inner Ría de Vigo), Galicia, NW Spain. <i>Applied Geochemistry</i> , 2003, 18, 973-996.	3.0	40
8	Quality control charting for the analytical laboratory. Part 1. Univariate methods. A review. <i>Analyst, The</i> , 1995, 120, 1851.	3.5	33
9	A History of Regression and Related Model-Fitting in the Earth Sciences (1636?-2000). <i>Natural Resources Research</i> , 2001, 10, 241-286.	4.7	28
10	Sources and timing of anthropogenic pollution in the Ensenada de San Simão (inner Ría de Vigo), Galicia, NW Spain: an application of mixture-modelling and nonlinear optimization to recent sedimentation. <i>Science of the Total Environment</i> , 2005, 340, 149-176.	8.0	21
11	Fortran IV program for grey-level mapping of spatial data. <i>Journal of the International Association for Mathematical Geology</i> , 1971, 3, 95-121.	0.8	20
12	Measurement, portrayal and analysis of orientation data and the origins of early modern structural geology (1670-1967). <i>Proceedings of the Geologists Association</i> , 1999, 110, 273-309.	1.1	16
13	Application of the empirical discriminant function to regional geochemical data from the United Kingdom. <i>Bulletin of the Geological Society of America</i> , 1976, 87, 1567.	3.3	13
14	History of the stereographic projection and its early use in geology. <i>Terra Nova</i> , 1996, 8, 499-513.	2.1	10
15	Statistical analysis and data display at the Geochemical Prospecting Research Centre and Applied Geochemistry Research Group, Imperial College, London. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2010, 10, 289-315.	0.9	8
16	Fitting Geomagnetic Fields before the Invention of Least Squares: I. Henry Bond's Predictions (1636,) <i>Tj ETQq0 0 0 ggBT /Overlock 10 Tf</i>	0.4	7
17	Fortran iv program for grey-level mapping of spatial data. <i>Journal of the International Association for Mathematical Geology</i> , 1972, 4, 275-276.	0.8	6
18	Uranium resource assessment through statistical analysis of exploration geochemical and other data. <i>Economic Geology</i> , 1981, 76, 1056-1066.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Fitting Geomagnetic Fields before the Invention of Least Squares: II. William Whiston's Isoclinic Maps of Southern England (1719 and 1721). <i>Annals of Science</i> , 2003, 60, 63-84.	0.4	6
20	Measurement, portrayal and analysis of orientation data and the origins of early modern structural geology (1670–1967): corrections and additions. <i>Proceedings of the Geologists Association</i> , 2001, 112, 187-190.	1.1	4
21	Automatic generation of randomized sample submittal schemes for laboratory analysis. <i>Computers and Geosciences</i> , 1977, 3, 327-334.	4.2	3
22	A statistical study of aggregate testing data with respect to engineering judgement. <i>Geological Society Engineering Geology Special Publication</i> , 1998, 13, 169-183.	0.2	2
23	From graphical display to dynamic model: mathematical geology in the Earth sciences in the nineteenth and twentieth centuries. <i>Geological Society Special Publication</i> , 2002, 192, 59-97.	1.3	1