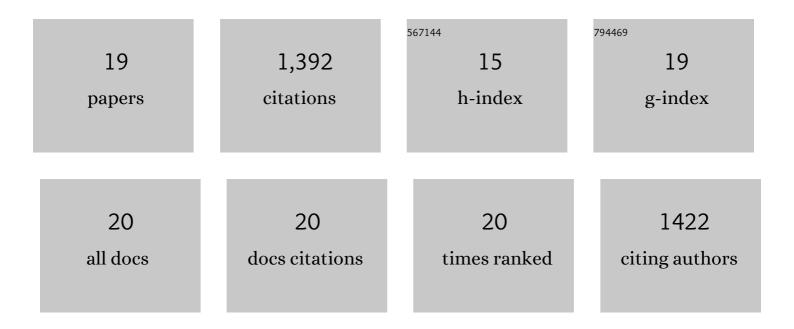
## John W Phair

List of Publications by Year in descending order

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Ιομνι \λ/ Ρηλιρ

#	Article	IF	CITATIONS
1	Effect of silicate activator pH on the leaching and material characteristics of waste-based inorganic polymers. Minerals Engineering, 2001, 14, 289-304.	1.8	230
2	Effect of the silicate activator pH on the microstructural characteristics of waste-based geopolymers. International Journal of Mineral Processing, 2002, 66, 121-143.	2.6	228
3	Green chemistry for sustainable cement production and use. Green Chemistry, 2006, 8, 763.	4.6	146
4	Developments and Design of Novel (Non-Palladium-Based) Metal Membranes for Hydrogen Separation. Industrial & Engineering Chemistry Research, 2006, 45, 5657-5674.	1.8	142
5	Mechanism of Polysialation in the Incorporation of Zirconia into Fly Ash-Based Geopolymers. Industrial & Engineering Chemistry Research, 2000, 39, 2925-2934.	1.8	119
6	Effect of Al source and alkali activation on Pb and Cu immobilisation in fly-ash based "geopolymers― Applied Geochemistry, 2004, 19, 423-434.	1.4	117
7	Characterization of Fly-Ash-Based Geopolymeric Binders Activated with Sodium Aluminate. Industrial & Engineering Chemistry Research, 2002, 41, 4242-4251.	1.8	87
8	Characteristics of aluminosilicate hydrogels related to commercial "Geopolymers― Materials Letters, 2003, 57, 4356-4367.	1.3	47
9	Rheological Analysis of Concentrated Zirconia Pastes with Ethyl Cellulose for Screen Printing SOFC Electrolyte Films. Journal of the American Ceramic Society, 2008, 91, 2130-2137.	1.9	45
10	Leveling and thixotropic characteristics of concentrated zirconia inks for screen-printing. Rheologica Acta, 2009, 48, 121-133.	1.1	45
11	Densification and grain growth during early-stage sintering of Ce0.9Gd0.1O1.95â^î^î in a reducing atmosphere. Acta Materialia, 2010, 58, 3860-3866.	3.8	38
12	EMF measurements on mixed protonic/electronic conductors for hydrogen membrane applications. Solid State Ionics, 2010, 181, 249-255.	1.3	35
13	Room Temperature Solid Surface Water with Tetrahedral Jumps of2H Nuclei Detected in2H2O-Hydrated Porous Silicates. Journal of Physical Chemistry B, 2004, 108, 17783-17790.	1.2	26
14	Interaction of sodium silicate with zirconia and its consequences for polysialation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 182, 143-159.	2.3	22
15	Elastic and structural properties of alkaline-calcium silica hydrogels. Journal of Materials Research, 2005, 20, 344-349.	1.2	17
16	Room-Temperature Icelike Water in Kanemite Detected by 2H NMR T1 Relaxation. Langmuir, 2005, 21, 527-529.	1.6	15
17	Investigation of the State of Water in Hydrating Layered Sodium Disilicate in Crystalline and Amorphous Forms by Quasi-Elastic Neutron Scattering. Chemistry of Materials, 2004, 16, 5042-5050.	3.2	14
18	Smallâ€Angle Neutron Scattering and Rheological Characterization of Aluminosilicate Hydrogels. Journal of the American Ceramic Society, 2004, 87, 129-137.	1.9	12

#	Article	IF	CITATIONS
19	Performance Analysis of a Novel Pyroelectric Device for Non-Dispersive Infra-Red CO <sub>2</sub> Detection. IEEE Sensors Journal, 2019, 19, 6006-6011.	2.4	7