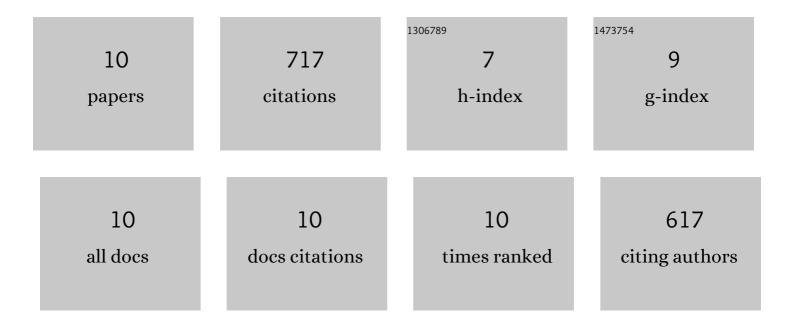
## **Robert E Davies**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/454296/publications.pdf Version: 2024-02-01



POREDT E DAVIES

#	Article	IF	CITATIONS
1	Evaluation of Methodologies for Assessing Self-Healing Performance of Concrete with Mineral Expansive Agents: An Interlaboratory Study. Materials, 2021, 14, 2024.	1.3	29
2	Development and Testing of Vascular Networks for Self-Healing Cementitious Materials. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	7
3	Characterisation of a vascular self-healing cementitious material system: Flow and curing properties. Construction and Building Materials, 2020, 245, 118332.	3.2	25
4	A survey on problems encountered in current concrete construction and the potential benefits of self-healing cementitious materials. Case Studies in Construction Materials, 2018, 8, 238-247.	0.8	74
5	A Review of Selfâ€Healing Concrete for Damage Management of Structures. Advanced Materials Interfaces, 2018, 5, 1800074.	1.9	412
6	A shape memory polymer concrete crack closure system activated by electrical current. Smart Materials and Structures, 2018, 27, 075016.	1.8	40
7	Micromechanical modelling of self-healing cementitious materials. International Journal of Solids and Structures, 2017, 113-114, 180-191.	1.3	28
8	The simulation of inelastic matrix strains in cementitious materials using micromechanical solutions. Engineering Fracture Mechanics, 2015, 133, 191-210.	2.0	2
9	Crack healing of cementitious materials using shrinkable polymer tendons. Structural Concrete, 2013, 14, 138-147.	1.5	25
10	Large Scale Application of Self-Healing Concrete: Design, Construction, and Testing. Frontiers in Materials, 0, 5, .	1.2	75