

# Anya Vollpracht

## List of Publications by Year in descending order

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44  
papers

2,075  
citations

331259

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276539

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all docs

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docs citations

47  
times ranked

1457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Impact of Construction Products on Aquatic Systemsâ€”Principles of an Integrated Sourceâ€”Pathâ€”Target Concept. Water (Switzerland), 2022, 14, 228.	1.2	2
2	Report of RILEM TC 267â€”TRM: Improvement and robustness study of lime mortar strength test for assessing reactivity of SCMs. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	8
3	Report of RILEM TC 267-TRM phase 2: optimization and testing of the robustness of the R3 reactivity tests for supplementary cementitious materials. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	29
4	Report of RILEM TC 281-CCC: outcomes of a round robin on the resistance to accelerated carbonation of Portland, Portland-fly ash and blast-furnace blended cements. Materials and Structures/Materiaux Et Constructions, 2022, 55, 99.	1.3	10
5	Improving consistency at testing cementitious materials in the Dynamic Surface Leaching Test on the basis of the European technical specification CEN/TS 16637â€”2 â€” Results of a round robin test. Journal of Environmental Management, 2022, 314, 114959.	3.8	1
6	Report of RILEM TC 267-TRM phase 3: validation of the R3 reactivity test across a wide range of materials. Materials and Structures/Materiaux Et Constructions, 2022, 55, .	1.3	32
7	Recycling of Slightly Contaminated Demolition Wasteâ€”Part 1: Inorganic Constituents. RILEM Bookseries, 2021, , 87-101.	0.2	0
8	Recycling of Slightly Contaminated Demolition Wasteâ€”Part 2: PAH. RILEM Bookseries, 2021, , 75-86.	0.2	0
9	Investigations on the leaching behavior of fresh concrete â€” A review. Construction and Building Materials, 2021, 272, 121390.	3.2	10
10	Performance Test for Sulfate Resistance of Concrete by Tensile Strength Measurements: Determination of Test Criteria. Crystals, 2021, 11, 1018.	1.0	5
11	Development of a Sulfate Resistance Performance Test for Concrete by Tensile Strength Measurements: Determination of Test Conditions. Crystals, 2021, 11, 1001.	1.0	5
12	Applicability of fib model codeâ€™s maturity function for estimating the strength development of GGBS concretes. Construction and Building Materials, 2020, 264, 120157.	3.2	8
13	Leaching of Carbon Reinforced Concreteâ€”Part 2: Discussion of Evaluation Concepts and Modelling. Materials, 2020, 13, 4937.	1.3	4
14	Understanding the carbonation of concrete with supplementary cementitious materials: a critical review by RILEM TC 281-CCC. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	123
15	Leaching of Carbon Reinforced Concreteâ€”Part 1: Experimental Investigations. Materials, 2020, 13, 4405.	1.3	7
16	Optimization of a German short term percolation test to determine the leaching of granular materials. Waste Management, 2020, 105, 433-444.	3.7	1
17	Leaching of monolithic geopolymer mortars. Cement and Concrete Research, 2020, 136, 106161.	4.6	30
18	pH dependent leaching characterization of major and trace elements from fly ash and metakaolin geopolymers. Cement and Concrete Research, 2019, 125, 105889.	4.6	35

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19	Environmental Compatibility of Carbon Reinforced Concrete: Irrigated Construction Elements. Key Engineering Materials, 2019, 809, 314-319.	0.4	4
20	Tensile strength of concrete exposed to sulfate attack. Cement and Concrete Research, 2019, 116, 81-88.	4.6	69
21	One year geopolymerisation of sodium silicate activated fly ash and metakaolin geopolymers. Cement and Concrete Composites, 2019, 95, 98-110.	4.6	74
22	Ultra-lightweight foamed concrete for an automated facade application. Magazine of Concrete Research, 2019, 71, 424-436.	0.9	8
23	Robotic application of foam concrete onto bare wall elements - Analysis, concept and robotic experiments. Automation in Construction, 2018, 89, 299-306.	4.8	30
24	Ground Granulated Blast-Furnace Slag. RILEM State-of-the-Art Reports, 2018, , 1-53.	0.3	25
25	Recommendation of RILEM TC 238-SCM: determination of the degree of reaction of siliceous fly ash and slag in hydrated cement paste by the selective dissolution method. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	21
26	Strength development of GGBS and fly ash concretes and applicability of fib model code's maturity function " A critical review. Construction and Building Materials, 2018, 162, 830-846.	3.2	36
27	Isothermal calorimetry and in-situ XRD study of the NaOH activated fly ash, metakaolin and slag. Cement and Concrete Research, 2018, 103, 110-122.	4.6	185
28	RILEM TC-238 SCM recommendation on hydration stoppage by solvent exchange for the study of hydrate assemblages. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	117
29	Reactivity tests for supplementary cementitious materials: RILEM TC 267-TRM phase 1. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	144
30	Pervious concrete made of alkali activated slag and geopolymers. Construction and Building Materials, 2018, 189, 797-803.	3.2	95
31	Study of alkali activated slag as alternative pavement binder. Construction and Building Materials, 2018, 186, 626-634.	3.2	37
32	Report of TC 238-SCM: hydration stoppage methods for phase assemblage studies of blended cements" results of a round robin test. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	132
33	Outcomes of the RILEM round robin on degree of reaction of slag and fly ash in blended cements. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	101
34	Influence of leachate composition on the leaching behaviour of concrete. Cement and Concrete Research, 2017, 100, 423-434.	4.6	33
35	Robot assisted deconstruction of multi-layered facade constructions on the example of external thermal insulation composite systems. Construction Robotics, 2017, 1, 39-47.	1.2	19
36	Binding and leaching of trace elements in Portland cement pastes. Cement and Concrete Research, 2016, 79, 76-92.	4.6	84

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37	The pore solution of blended cements: a review. Materials and Structures/Materiaux Et Constructions, 2016, 49, 3341-3367.	1.3	323
38	Robotic Application of Foam Concrete onto Bare Wall Elements. , 2016, , .		1
39	TC 238-SCM: hydration and microstructure of concrete with SCMs. Materials and Structures/Materiaux Et Constructions, 2015, 48, 835-862.	1.3	189
40	Environmental compatibility of bitumen waterproofing. Materials and Structures/Materiaux Et Constructions, 2013, 46, 1257-1264.	1.3	8
41	Auslaugverhalten von Putzen und MÄrteln. Mauerwerk, 2012, 16, 2-9.	0.2	7
42	Investigations on the leaching behaviour of irrigated construction elements. Environmental Science and Pollution Research, 2010, 17, 1177-1182.	2.7	9
43	Umweltverträglichkeit von mineralischen Baustoffen. Mauerwerk, 2009, 13, 190-194.	0.2	4
44	Untersuchungen zum Auslaugverhalten beregneter Bauteile. Bautechnik, 2009, 86, 404-408.	0.2	0