

# Jo Dweck

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

969  
citations

567144

15  
h-index

477173

29  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1044  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydration of a Portland cement blended with calcium carbonate. <i>Thermochimica Acta</i> , 2000, 346, 105-113.	1.2	207
2	Application of orange peel waste in the production of solid biofuels and biosorbents. <i>Bioresource Technology</i> , 2015, 196, 469-479.	4.8	95
3	The effects of the early carbonation curing on the mechanical and porosity properties of high initial strength Portland cement pastes. <i>Construction and Building Materials</i> , 2015, 77, 448-454.	3.2	64
4	Early stages hydration of high initial strength Portland cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 725-731.	2.0	40
5	Thermal stability and water content determination of glycerol by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 627-630.	2.0	39
6	A study of the carbonation profile of cement pastes by thermogravimetry and its effect on the compressive strength. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 69-76.	2.0	38
7	Effect of early age curing carbonation on the mechanical properties and durability of high initial strength Portland cement and lime-pozolan composites reinforced with long sisal fibres. <i>Composites Part B: Engineering</i> , 2019, 163, 351-362.	5.9	38
8	Crystalline admixture effects on crystal formation phenomena during cement pastes'™ hydration. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 3361-3375.	2.0	34
9	CO2 sequestration by high initial strength Portland cement pastes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1577-1584.	2.0	32
10	Kinetic study of thermal processing of glycerol by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 737-746.	2.0	31
11	Solidification/stabilization of a tannery waste with blended cement and wyoming bentonite. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2000, 35, 715-740.	0.9	21
12	A study of the particle size effect on the pozzolanic activity of an equilibrium catalyst. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 805-809.	2.0	21
13	Simultaneous solidification of two catalyst wastes and their effect on the early stages of cement hydration. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 625-633.	2.0	17
14	A comparative study of hydration kinetics of different cements by thermogravimetry on calcined mass basis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 1335-1342.	2.0	17
15	Evaluation of Influence of Salt in the Cement Hydration to Oil Wells. <i>Materials Research</i> , 2017, 20, 743-747.	0.6	17
16	Early stages hydration of high initial strength Portland cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 659-665.	2.0	15
17	Qualitative and quantitative characterization of a coal power plant waste by TG/DSC/MS, XRF and XRD. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 703-710.	2.0	15
18	Hydration of the equilibrium catalyst (Ecat) calcium hydroxide system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 1089-1098.	2.0	14

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19	Water content of a Brazilian refinery oil sludge and its influence on pyrolysis enthalpy by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 551-557.	2.0	13
20	Partially exchanged organophilic bentonites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 907-913.	2.0	13
21	Determination of CO <sub>2</sub> capture during accelerated carbonation of engineered cementitious composite pastes by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 97-109.	2.0	13
22	Thermal Analysis of Municipal Sludge Waste Combustion. <i>Materials Science Forum</i> , 2006, 530-531, 740-746.	0.3	11
23	Sewage sludge coke estimation using thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 437-443.	2.0	11
24	Liquid phase oxidation quantitative analysis of biodiesel/diesel blends by differential TG and DTA. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1953-1963.	2.0	11
25	Toluene and naphthalene sorption by iron oxide/clay composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 889-896.	2.0	10
26	Hydration at early ages of styrene-butadiene copolymers cementitious systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1041-1054.	2.0	10
27	Toluene and naphthalene sorption by iron oxide/clay composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 887-892.	2.0	9
28	Semi-pilot scale sewage sludge pyrolysis and characterization of obtained fractions by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 981-991.	2.0	9
29	Evaluation of the Metakaolin Pozzolanic Reactivity in Cement Pastes. <i>Materials Science Forum</i> , 2008, 591-593, 827-832.	0.3	7
30	A study of cement Type II hydration partially substituted by Brazilian spent cracking catalyst fines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 573-584.	2.0	7
31	A study of CO <sub>2</sub> capture by high initial strength Portland cement pastes at early curing stages by new non-conventional thermogravimetry and non-conventional differential thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 1341-1352.	2.0	7
32	Study of treatments to remove water from petroleum sludge and evaluation of kinetic parameters by thermal analysis using isoconversional methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3603-3618.	2.0	7
33	Influence of milling of a reused FCC catalytic waste on the early hydration stages of a special class cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 2923-2934.	2.0	7
34	Cement Stabilization of Runoff Residuals: A Study of Stabilization/Solidification of Urban Rainfall Runoff Residuals in Type 1 Portland Cement by XRD and <sup>29</sup> Si NMR Analysis. <i>Water, Air, and Soil Pollution</i> , 2008, 188, 261-270.	1.1	6
35	A study of cement type II hydration partially substituted by Brazilian spent cracking catalyst fines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 585-593.	2.0	6
36	A study of coke and char formation during pyrolysis of rice husk. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3587-3601.	2.0	6

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37	Effect of microcrystalline and microfibrillated cellulose on the evolution of hydration of cement pastes by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1413-1428.	2.0	6
38	Combustion and Pyrolysis of a Sludge Form Wastewater Treatment Plant. <i>Materials Science Forum</i> , 0, 660-661, 1009-1014.	0.3	5
39	Thermal characterization of a new green ceramic material by heating microscopy, thermogravimetry and differential thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 115-125.	2.0	5
40	Evaluation of the pyrolysis of biodiesel filtration residue containing diatomite by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1743-1750.	2.0	5
41	Effect of plain and carboxylated styrene-butadiene rubber on the rheological behavior of silica fume-class G Portland cement slurries. <i>Journal of Materials Research and Technology</i> , 2020, 9, 5364-5377.	2.6	5
42	Thermal stability of ionene polymers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 1221-1229.	2.0	4
43	A new thermogravimetric method to quantify SO <sub>2</sub> absorption capacity by limestone. <i>Thermochimica Acta</i> , 2018, 667, 140-147.	1.2	4
44	A Case Study of the Ceramic Matrix Sintering of Sewage Sludge when Fired at High Temperatures. <i>Materials Science Forum</i> , 2006, 530-531, 734-739.	0.3	3
45	A Comparative Study Between the Early Stages Hydration of a High Strength and Sulphate Resistant Portland Cement and the Type II F Portland Cement Through Non Conventional Differential Thermal Analysis and Thermogravimetry. <i>Materials Research</i> , 2015, 18, 291-296.	0.6	3
46	Evaluation of SO <sub>2</sub> capture efficiency of combustion gases using commercial limestone. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3833-3843.	2.0	3
47	Partially exchanged organophilic bentonites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 915-920.	2.0	2
48	Early carbonation curing effects on the microstructure of high initial strength Portland cement pastes. <i>Advances in Cement Research</i> , 2019, 31, 382-388.	0.7	2
49	Simultaneous Use of Two Catalytic Wastes to Cement in Sustainable Construction Materials. <i>Key Engineering Materials</i> , 2014, 634, 121-130.	0.4	1
50	Evaluation of ZSM-5 as a catalyst for glycerol pyrolysis by thermogravimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 2179-2185.	2.0	1
51	A study by NCDTA and TG of a coal power unit waste effects on the early hydration stages of Type II Portland cement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 85-102.	2.0	1
52	Reuse of kaolinitic waste as a precursor of pozzolanic material. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	1