

Pedro E SÃ¡nchez-JimÃ©nez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/948562/publications.pdf>

Version: 2024-02-01

124
papers

6,212
citations

53660

45
h-index

76769

74
g-index

124
all docs

124
docs citations

124
times ranked

4332
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic Analysis of Complex Solid-State Reactions. A New Deconvolution Procedure. Journal of Physical Chemistry B, 2011, 115, 1780-1791.	1.2	318
2	The Calcium-Looping technology for CO ₂ capture: On the important roles of energy integration and sorbent behavior. Applied Energy, 2016, 162, 787-807.	5.1	286
3	Combined Kinetic Analysis of Solid-State Reactions: A Powerful Tool for the Simultaneous Determination of Kinetic Parameters and the Kinetic Model without Previous Assumptions on the Reaction Mechanism. Journal of Physical Chemistry A, 2006, 110, 12456-12462.	1.1	253
4	Kinetic model for thermal dehydrochlorination of poly(vinyl chloride). Polymer, 2010, 51, 3998-4007.	1.8	159
5	Critical study of the isoconversional methods of kinetic analysis. Journal of Thermal Analysis and Calorimetry, 2008, 92, 199-203.	2.0	156
6	Generalized master plots as a straightforward approach for determining the kinetic model: The case of cellulose pyrolysis. Thermochimica Acta, 2013, 552, 54-59.	1.2	150
7	A new model for the kinetic analysis of thermal degradation of polymers driven by random scission. Polymer Degradation and Stability, 2010, 95, 733-739.	2.7	143
8	Calcium-Looping performance of mechanically modified Al ₂ O ₃ -CaO composites for energy storage and CO ₂ capture. Chemical Engineering Journal, 2018, 334, 2343-2355.	6.6	138
9	Dependence of the preexponential factor on temperature. Journal of Thermal Analysis and Calorimetry, 2005, 82, 671-675.	2.0	133
10	Limestone Calcination Nearby Equilibrium: Kinetics, CaO Crystal Structure, Sintering and Reactivity. Journal of Physical Chemistry C, 2015, 119, 1623-1641.	1.5	130
11	Large-scale high-temperature solar energy storage using natural minerals. Solar Energy Materials and Solar Cells, 2017, 168, 14-21.	3.0	119
12	Ca-looping for postcombustion CO ₂ capture: A comparative analysis on the performances of dolomite and limestone. Applied Energy, 2015, 138, 202-215.	5.1	115
13	High-performance and low-cost macroporous calcium oxide based materials for thermochemical energy storage in concentrated solar power plants. Applied Energy, 2019, 235, 543-552.	5.1	115
14	Multicycle activity of natural CaCO ₃ minerals for thermochemical energy storage in Concentrated Solar Power plants. Solar Energy, 2017, 153, 188-199.	2.9	112
15	Role of calcium looping conditions on the performance of natural and synthetic Ca-based materials for energy storage. Journal of CO ₂ Utilization, 2018, 28, 374-384.	3.3	110
16	Thermal decomposition of dolomite under CO ₂ : insights from TGA and in situ XRD analysis. Physical Chemistry Chemical Physics, 2015, 17, 30162-30176.	1.3	97
17	Low-cost Ca-based composites synthesized by biotemplate method for thermochemical energy storage of concentrated solar power. Applied Energy, 2018, 210, 108-116.	5.1	97
18	Kissinger kinetic analysis of data obtained under different heating schedules. Journal of Thermal Analysis and Calorimetry, 2008, 94, 427-432.	2.0	96

#	ARTICLE	IF	CITATIONS
19	On the Multicycle Activity of Natural Limestone/Dolomite for Thermochemical Energy Storage of Concentrated Solar Power. <i>Energy Technology</i> , 2016, 4, 1013-1019.	1.8	95
20	Combined kinetic analysis of thermal degradation of polymeric materials under any thermal pathway. <i>Polymer Degradation and Stability</i> , 2009, 94, 2079-2085.	2.7	92
21	Multicycle CO ₂ capture activity and fluidizability of Al-based synthesized CaO sorbents. <i>Chemical Engineering Journal</i> , 2019, 358, 679-690.	6.6	90
22	Nanoclay Nucleation Effect in the Thermal Stabilization of a Polymer Nanocomposite: A Kinetic Mechanism Change. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11797-11807.	1.5	88
23	Comparison of thermal behavior of natural and hot-washed sisal fibers based on their main components: Cellulose, xylan and lignin. TG-FTIR analysis of volatile products. <i>Thermochimica Acta</i> , 2014, 581, 70-86.	1.2	88
24	Calcium-looping for post-combustion CO ₂ capture. On the adverse effect of sorbent regeneration under CO ₂ . <i>Applied Energy</i> , 2014, 126, 161-171.	5.1	88
25	Generalized Kinetic Master Plots for the Thermal Degradation of Polymers Following a Random Scission Mechanism. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7868-7876.	1.1	85
26	Phase-pure BiFeO ₃ produced by reaction flash-sintering of Bi ₂ O ₃ and Fe ₂ O ₃ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 5356-5366.	5.2	83
27	Nanosilica supported CaO: A regenerable and mechanically hard CO ₂ sorbent at Ca-looping conditions. <i>Applied Energy</i> , 2014, 118, 92-99.	5.1	80
28	Giant piezoresistivity of polymer-derived ceramics at high temperatures. <i>Journal of the European Ceramic Society</i> , 2010, 30, 2203-2207.	2.8	70
29	Lithium Insertion in Polymer-Derived Silicon Oxycarbide Ceramics. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1127-1135.	1.9	70
30	Template-Assisted Hydrothermal Growth of Aligned Zinc Oxide Nanowires for Piezoelectric Energy Harvesting Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13678-13683.	4.0	69
31	An improved model for the kinetic description of the thermal degradation of cellulose. <i>Cellulose</i> , 2011, 18, 1487-1498.	2.4	67
32	Effect of Thermal Pretreatment and Nanosilica Addition on Limestone Performance at Calcium-Looping Conditions for Thermochemical Energy Storage of Concentrated Solar Power. <i>Energy & Fuels</i> , 2017, 31, 4226-4236.	2.5	66
33	Kinetic analysis of solid-state reactions: Precision of the activation energy calculated by integral methods. <i>International Journal of Chemical Kinetics</i> , 2005, 37, 658-666.	1.0	61
34	Constant rate thermal analysis for enhancing the long-term CO ₂ capture of CaO at Ca-looping conditions. <i>Applied Energy</i> , 2013, 108, 108-120.	5.1	59
35	High and stable $\frac{CO_2}{CO}$ capture capacity of natural limestone at Ca-looping conditions by heat pretreatment and recarbonation synergy. <i>Fuel</i> , 2014, 123, 79-85.	3.4	58
36	Flash sintering of highly insulating nanostructured phase-pure BiFeO ₃ . <i>Journal of the American Ceramic Society</i> , 2017, 100, 3365-3369.	1.9	58

#	ARTICLE	IF	CITATIONS
37	Role of particle size on the multicycle calcium looping activity of limestone for thermochemical energy storage. <i>Journal of Advanced Research</i> , 2020, 22, 67-76.	4.4	58
38	Defect chemistry and electrical properties of BiFeO_3 . <i>Journal of Materials Chemistry C</i> , 2017, 5, 10077-10086.	2.7	54
39	Electrical Properties of Stoichiometric BiFeO_3 Prepared by Mechano-synthesis with Either Conventional or Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2013, 96, 1220-1227.	1.9	53
40	Evaluation of the integral methods for the kinetic study of thermally stimulated processes in polymer science. <i>Polymer</i> , 2005, 46, 2950-2954.	1.8	51
41	Role of precalcination and regeneration conditions on postcombustion CO_2 capture in the Ca-looping technology. <i>Applied Energy</i> , 2014, 136, 347-356.	5.1	51
42	Direct mechano-synthesis of pure BiFeO_3 perovskite nanoparticles: reaction mechanism. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3551.	2.7	49
43	Enhanced general analytical equation for the kinetics of the thermal degradation of poly(lactic acid) driven by random scission. <i>Polymer Testing</i> , 2013, 32, 937-945.	2.3	47
44	Role of crystal structure on CO_2 capture by limestone derived CaO subjected to carbonation/recarbonation/calcination cycles at Ca-looping conditions. <i>Applied Energy</i> , 2014, 125, 264-275.	5.1	47
45	The Mitigation Effect of Synthetic Polymers on Initiation Reactivity of CL-20: Physical Models and Chemical Pathways of Thermolysis. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22881-22895.	1.5	46
46	Single phase, electrically insulating, multiferroic La-substituted BiFeO_3 prepared by mechano-synthesis. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8398-8411.	2.7	45
47	Kinetics and cyclability of limestone (CaCO_3) in presence of steam during calcination in the CaL scheme for thermochemical energy storage. <i>Chemical Engineering Journal</i> , 2021, 417, 129194.	6.6	45
48	Thermal Stability of Multiferroic BiFeO_3 : Kinetic Nature of the $\text{I}^2\text{A}^{\text{r}}\text{I}^3$ Transition and Peritectic Decomposition. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26387-26395.	1.5	44
49	Pressure Effect on the Multicycle Activity of Natural Carbonates and a Ca/Zr Composite for Energy Storage of Concentrated Solar Power. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7849-7858.	3.2	44
50	CO_2 multicyclic capture of pretreated/doped CaO in the Ca-looping process. Theory and experiments. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 11775.	1.3	43
51	Calcium-Looping performance of steel and blast furnace slags for thermochemical energy storage in concentrated solar power plants. <i>Journal of CO_2 Utilization</i> , 2017, 22, 143-154.	3.3	43
52	Limitations of model-fitting methods for kinetic analysis: Polystyrene thermal degradation. <i>Resources, Conservation and Recycling</i> , 2013, 74, 75-81.	5.3	42
53	Constant rate thermal analysis for thermal stability studies of polymers. <i>Polymer Degradation and Stability</i> , 2011, 96, 974-981.	2.7	40
54	Relevant Influence of Limestone Crystallinity on CO_2 Capture in The Ca-Looping Technology at Realistic Calcination Conditions. <i>Environmental Science & Technology</i> , 2014, 48, 9882-9889.	4.6	39

#	ARTICLE	IF	CITATIONS
55	Influence of Ball Milling on CaO Crystal Growth During Limestone and Dolomite Calcination: Effect on CO ₂ Capture at Calcium Looping Conditions. <i>Crystal Growth and Design</i> , 2016, 16, 7025-7036.	1.4	39
56	Combined TGA-MS kinetic analysis of multistep processes. Thermal decomposition and ceramification of polysilazane and polysiloxane preceramic polymers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29348-29360.	1.3	38
57	CO ₂ capture performance of Ca-Mg acetates at realistic Calcium Looping conditions. <i>Fuel</i> , 2017, 196, 497-507.	3.4	35
58	Effect of milling mechanism on the CO ₂ capture performance of limestone in the Calcium Looping process. <i>Chemical Engineering Journal</i> , 2018, 346, 549-556.	6.6	35
59	The effect of polymer matrices on the thermal hazard properties of RDX-based PBXs by using model-free and combined kinetic analysis. <i>Journal of Hazardous Materials</i> , 2014, 271, 185-195.	6.5	34
60	Multicyclic conversion of limestone at Ca-looping conditions: The role of solid-state diffusion controlled carbonation. <i>Fuel</i> , 2014, 127, 131-140.	3.4	34
61	Effect of Heat Pretreatment/Recarbonation in the Ca-Looping Process at Realistic Calcination Conditions. <i>Energy & Fuels</i> , 2014, 28, 4062-4067.	2.5	33
62	Calcium-Looping Performance of Biomineralized CaCO ₃ for CO ₂ Capture and Thermochemical Energy Storage. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 12924-12933.	1.8	33
63	The calorimetric analysis as a tool for studying the aging hardening mechanism of a Cu-10wt%Ni-5.5wt%Sn alloy. <i>Journal of Alloys and Compounds</i> , 2016, 688, 288-294.	2.8	32
64	Development of a universal constant rate thermal analysis system for being used with any thermoanalytical instrument. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 297-300.	2.0	30
65	Role of Looping-Calcination Conditions on Self-Reactivation of Thermally Pretreated CO ₂ Sorbents Based on CaO. <i>Energy & Fuels</i> , 2013, 27, 3373-3384.	2.5	30
66	Synthesis, characterization and combined kinetic analysis of thermal decomposition of hydrotalcite (Mg ₆ Al ₂ (OH) ₁₆ CO ₃ ·4H ₂ O). <i>Thermochimica Acta</i> , 2018, 667, 177-184.	1.2	30
67	Pure perovskite BiFeO ₃ –BaTiO ₃ ceramics prepared by reaction flash sintering of Bi ₂ O ₃ –Fe ₂ O ₃ –BaTiO ₃ mixed powders. <i>Ceramics International</i> , 2021, 47, 26947-26954.	2.3	29
68	Use of steel slag for CO ₂ capture under realistic calcium-looping conditions. <i>RSC Advances</i> , 2016, 6, 37656-37663.	1.7	28
69	Quantitative Characterization of Multicomponent Polymers by Sample-Controlled Thermal Analysis. <i>Analytical Chemistry</i> , 2010, 82, 8875-8880.	3.2	27
70	Structural and Chemical Characteristics of Sisal Fiber and Its Components: Effect of Washing and Grinding. <i>Journal of Natural Fibers</i> , 2017, 14, 26-39.	1.7	27
71	Mechanochemical preparation of BaTiO ₃ –Ni nanocomposites with high dielectric constant. <i>Composite Structures</i> , 2010, 92, 2236-2240.	3.1	26
72	Combined kinetic analysis of multistep processes of thermal decomposition of polydimethylsiloxane silicone. <i>Polymer</i> , 2018, 153, 558-564.	1.8	25

#	ARTICLE	IF	CITATIONS
73	Improvement of the thermal stability of branched poly(lactic acid) obtained by reactive extrusion. <i>Polymer Degradation and Stability</i> , 2014, 104, 40-49.	2.7	24
74	Magnesium hydride for energy storage applications: The kinetics of dehydrogenation under different working conditions. <i>Journal of Alloys and Compounds</i> , 2016, 681, 571-579.	2.8	24
75	Calcination under low CO ₂ pressure enhances the calcium Looping performance of limestone for thermochemical energy storage. <i>Chemical Engineering Journal</i> , 2021, 417, 127922.	6.6	24
76	Pyrolysis kinetics of ethylene- α -propylene (EPM) and ethylene- α -propylene- α -diene (EPDM). <i>Polymer Degradation and Stability</i> , 2013, 98, 1571-1577.	2.7	23
77	Scission kinetic model for the prediction of polymer pyrolysis curves from chain structure. <i>Polymer Testing</i> , 2014, 37, 1-5.	2.3	23
78	Preparation of phase pure, dense fine grained ceramics by conventional and spark plasma sintering of La-substituted BiFeO ₃ nanoparticles. <i>Journal of the European Ceramic Society</i> , 2015, 35, 2283-2293.	2.8	23
79	Insight into the BiFeO ₃ flash sintering process by in-situ energy dispersive X-ray diffraction (ED-XRD). <i>Ceramics International</i> , 2019, 45, 2828-2834.	2.3	23
80	Electrical properties of bismuth ferrites: Bi ₂ Fe ₄ O ₉ and Bi ₂₅ FeO ₃₉ . <i>Journal of the European Ceramic Society</i> , 2019, 39, 330-339.	2.8	23
81	On the relevant role of solids residence time on their CO ₂ capture performance in the Calcium Looping technology. <i>Energy</i> , 2016, 113, 160-171.	4.5	22
82	Effect of dolomite decomposition under CO ₂ on its multicycle CO ₂ capture behaviour under calcium looping conditions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16325-16336.	1.3	22
83	Large-Scale Storage of Concentrated Solar Power from Industrial Waste. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2265-2272.	3.2	22
84	Thermal characterization of montmorillonite clays saturated with various cations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 191-197.	2.0	21
85	Crystallization Kinetics of Nanocrystalline Materials by Combined X-ray Diffraction and Differential Scanning Calorimetry Experiments. <i>Crystal Growth and Design</i> , 2018, 18, 3107-3116.	1.4	21
86	Anisotropic lattice expansion determined during flash sintering of BiFeO ₃ by in-situ energy-dispersive X-ray diffraction. <i>Scripta Materialia</i> , 2019, 162, 286-291.	2.6	21
87	Characterization of mechanosynthesized Bi _{1-x} Sm _x FeO ₃ samples unencumbered by secondary phases or compositional inhomogeneity. <i>Journal of Alloys and Compounds</i> , 2017, 711, 541-551.	2.8	20
88	Effect of Steam Injection during Carbonation on the Multicyclic Performance of Limestone (CaCO ₃) under Different Calcium Looping Conditions: A Comparative Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 850-859.	3.2	20
89	Lead-Free Polycrystalline Ferroelectric Nanowires with Enhanced Curie Temperature. <i>Advanced Functional Materials</i> , 2017, 27, 1701169.	7.8	19
90	Clarifications regarding the use of model-fitting methods of kinetic analysis for determining the activation energy from a single non-isothermal curve. <i>Chemistry Central Journal</i> , 2013, 7, 25.	2.6	18

#	ARTICLE	IF	CITATIONS
91	Characterization of thermally stable gamma alumina fibres biomimicking sisal. Microporous and Mesoporous Materials, 2014, 185, 167-178.	2.2	18
92	Structural, Optical, and Electrical Characterization of Yttrium-Substituted BiFeO ₃ Ceramics Prepared by Mechanical Activation. Inorganic Chemistry, 2015, 54, 9876-9884.	1.9	18
93	Preparation of ytterbium substituted BiFeO ₃ multiferroics by mechanical activation. Journal of the European Ceramic Society, 2017, 37, 945-954.	2.8	18
94	Control of experimental conditions in reaction flash-sintering of complex stoichiometry ceramics. Ceramics International, 2020, 46, 29413-29420.	2.3	17
95	Study of the Dehydroxylation and Rehydroxylation of Pyrophyllite. Journal of the American Ceramic Society, 2010, 93, 2392-2398.	1.9	16
96	Comments on "Pyrolysis kinetics of biomass from product information" (Applied Energy 110 (2013) 1-8) regarding the inability to obtain meaningful kinetic parameters from a single non-isothermal curve. Applied Energy, 2014, 125, 132-135.	5.1	15
97	Synthesis of a nanosilica supported CO ₂ sorbent in a fluidized bed reactor. Applied Surface Science, 2015, 328, 548-553.	3.1	15
98	Albero: An alternative natural material for solar energy storage by the calcium-looping process. Chemical Engineering Journal, 2022, 440, 135707.	6.6	15
99	Kinetic study of complex processes composed of non-independent stages: pyrolysis of natural rubber. Polymer Degradation and Stability, 2021, 188, 109590.	2.7	14
100	Flash Sintering Research Perspective: A Bibliometric Analysis. Materials, 2022, 15, 416.	1.3	14
101	Steam-enhanced calcium-looping performance of limestone for thermochemical energy storage: The role of particle size. Journal of Energy Storage, 2022, 51, 104305.	3.9	14
102	Predictions of polymer thermal degradation: relevance of selecting the proper kinetic model. Journal of Thermal Analysis and Calorimetry, 2022, 147, 2335-2341.	2.0	11
103	Unveiling mechanochemistry: Kinematic-kinetic approach for the prediction of mechanically induced reactions. Journal of Alloys and Compounds, 2021, 866, 158925.	2.8	11
104	New Insights on the Kinetic Analysis of Isothermal Data: The Independence of the Activation Energy from the Assumed Kinetic Model. Energy & Fuels, 2015, 29, 392-397.	2.5	10
105	Relevance of Particle Size Distribution to Kinetic Analysis: The Case of Thermal Dehydroxylation of Kaolinite. Processes, 2021, 9, 1852.	1.3	10
106	The SrCO ₃ /SrO system for thermochemical energy storage at ultra-high temperature. Solar Energy Materials and Solar Cells, 2022, 238, 111632.	3.0	10
107	Transient Viscous Flow During the Evolution of a Ceramic (Silicon Carbonitride) from a Polymer (Polysilazane). Journal of the American Ceramic Society, 2010, 93, 2567-2570.	1.9	9
108	Applications of sample-controlled thermal analysis (SCTA) to kinetic analysis and synthesis of materials. Journal of Thermal Analysis and Calorimetry, 2015, 120, 45-51.	2.0	9

#	ARTICLE	IF	CITATIONS
109	Microcalorimetry: A powerful tool for quantitative analysis of aging hardening response of Cu-Ni-Sn alloys. <i>Journal of Alloys and Compounds</i> , 2017, 694, 710-714.	2.8	9
110	Thermal behavior of ammonium fluorosilicates complexes: Obtaining and kinetic analysis. <i>Chemical Engineering Research and Design</i> , 2022, 182, 490-501.	2.7	8
111	Kinetic studies in solid state reactions by sample-controlled methods and advanced analysis procedures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1447-1453.	2.0	7
112	A Promising approach to the kinetics of crystallization processes: The sample controlled thermal analysis. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1125-1133.	1.9	7
113	Processing and properties of $\text{Bi}_{0.98}\text{R}_{0.02}\text{FeO}_3$ ($\text{R}=\text{La, Sm, Y}$) ceramics flash sintered at $\sim 650^\circ\text{C}$ in $\sim 5\text{s}$. <i>Journal of the American Ceramic Society</i> , 2020, 103, 136-144.	1.9	7
114	Advanced parametrisation of phase change materials through kinetic approach. <i>Journal of Energy Storage</i> , 2021, 44, 103441.	3.9	7
115	Paving the Way to Establish Protocols: Modeling and Predicting Mechanochemical Reactions. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5540-5546.	2.1	6
116	A novel Multi-Phase Flash Sintering (MPFS) technique for 3D complex-shaped ceramics. <i>Applied Materials Today</i> , 2022, 26, 101274.	2.3	6
117	Thermoanalytical Characterization Techniques for Multiferroic Materials. <i>Handbook of Thermal Analysis and Calorimetry</i> , 2018, 6, 643-683.	1.6	5
118	Reductive lithium insertion into B-cation deficient niobium perovskite oxides. <i>Dalton Transactions</i> , 2015, 44, 10636-10643.	1.6	3
119	Constant rate thermal analysis of a dehydrogenation reaction. <i>RSC Advances</i> , 2016, 6, 81454-81460.	1.7	3
120	Comments on "Thermal decomposition of pyridoxine: an evolved gas analysis-ion attachment mass spectrometry study". About the application of model-fitting methods of kinetic analysis to single non-isothermal curves. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 500-502.	0.7	2
121	Influence of AC fields and electrical conduction mechanisms on the flash-onset temperature: Electronic (BiFeO_3) vs. ionic conductors (8YSZ). <i>Ceramics International</i> , 2023, 49, 14834-14843.	2.3	2
122	Sample-Controlled analysis under high pressure for accelerated process studies. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1338-1346.	1.9	1
123	Development of a high-pressure thermobalance working under constant rate thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1329-1334.	2.0	1
124	Overlooked pitfalls in CaO carbonation kinetics studies nearby equilibrium: Instrumental effects on calculated kinetic rate constants. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 6129-6138.	3.4	1