

# Stresses Generated During Convective and Microwave

Drying Technology

23, 1875-1893

DOI: 10.1080/07373930500210226

Citation Report

#	ARTICLE	IF	CITATIONS
1	Analysis of Effectiveness and Stress Development during Convective and Microwave Drying. Drying Technology, 2007, 26, 64-77.	3.1	28
2	Residual Stresses in Dried Bodies. Drying Technology, 2007, 25, 629-637.	3.1	11
3	Heat and mass transfer during microwave-convective drying. AIChE Journal, 2010, 56, 24-35.	3.6	12
4	CONVECTIVE DRYING OF PUMPKIN: INFLUENCE OF PRETREATMENT AND DRYING TEMPERATURE. Journal of Food Process Engineering, 2009, 32, 88-103.	2.9	41
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12	Fracturing of Clay During Drying: Modelling and Numerical Simulation. Transport in Porous Media, 2012, 95, 465-481.	2.6	17
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17	Strain-Stress Formation During Stationary and Intermittent Drying of Deformable Media. Drying Technology, 2014, 32, 1245-1255.	3.1	16
18	Modelling of drying induced stress of clay: elastic and viscoelastic behaviours. Mechanics of Time-Dependent Materials, 2014, 18, 97-111.	4.4	20

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19	Comparative numerical study of kaolin clay with three drying methods: Convective, convective+microwave and convective infrared modes. <i>Energy Conversion and Management</i> , 2014, 87, 832-839.	9.2	26
21	2-D Hydro-Viscoelastic Model for Convective Drying of Highly Deformable Saturated Product. <i>Drying Technology</i> , 2015, 33, 1872-1882.	3.1	4
22	Drying of granular medium by hot air and microwaves. Modeling and prediction of internal gas pressure and binder distribution. <i>Powder Technology</i> , 2015, 286, 636-644.	4.2	9
23	Evolution of mechanical properties of parboiled brown rice kernels during impinging stream drying. <i>Drying Technology</i> , 2016, 34, 1843-1853.	3.1	4
24	2-D hydro-viscoelastic model for convective drying of deformable and unsaturated porous material. <i>Comptes Rendus - Mecanique</i> , 2017, 345, 248-258.	2.1	1
25	Effect of microwave power coupled with hot air drying on process efficiency and physico-chemical properties of a new dietary fibre ingredient obtained from orange peel. <i>LWT - Food Science and Technology</i> , 2017, 77, 110-118.	5.2	51
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27	Numerical modeling assessment of mechanical effect in bovine leather drying process. <i>Drying Technology</i> , 2018, 36, 1313-1325.	3.1	2
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29	Microwave drying of wet clay with intermittent heating. <i>Drying Technology</i> , 2019, 37, 664-678.	3.1	9
30	Stress fissuring and process duration during rough rice convective drying affected by continuous and stepwise changes in air temperature. <i>Drying Technology</i> , 2019, 37, 198-207.	3.1	14
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32	Sensitivity analysis of intermittent microwave convective drying based on multiphase porous media models. <i>International Journal of Thermal Sciences</i> , 2020, 153, 106344.	4.9	17
35	Effects of drying temperature on drying kinetics and eurycomanone content of <i>Eurycoma longifolia</i> roots. <i>Food Research</i> , 2017, 1, 270-275.	0.8	2
36	Processo de secagem de materiais cerâmicos argilosos: uma revisão. <i>Research, Society and Development</i> , 2020, 9, e78591110300.	0.1	1
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