

Zuzana Cibulkova

List of Publications by Year in descending order

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papers

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citations

623734

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28
all docs

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docs citations

28
times ranked

443
citing authors

#	ARTICLE	IF	CITATIONS
1	The mathematical incorrectness of the integral isoconversional methods in case of variable activation energy and the consequences. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 853-859.	3.6	67
2	Study of Nâ€“H, Oâ€“H, and Sâ€“H bond dissociation enthalpies and ionization potentials of substituted anilines, phenols, and thiophenols. <i>Computational and Theoretical Chemistry</i> , 2006, 758, 149-159.	1.5	62
3	Extrapolation of accelerated thermooxidative tests to lower temperatures applying non-Arrhenius temperature functions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 93, 817-821.	3.6	41
4	An incremental isoconversional method for kinetic analysis based on the orthogonal distance regression. <i>Journal of Computational Chemistry</i> , 2015, 36, 392-398.	3.3	33
5	Equivalence of the Arrhenius and non-Arrhenian temperature functions in the temperature range of measurement. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 231-238.	3.6	30
6	DSC study of selected antioxidants and their binary mixtures in styreneâ€“butadiene rubber. <i>Polymer Degradation and Stability</i> , 2012, 97, 1724-1729.	5.8	27
7	DSC study of antioxidant activity of selected p-phenylenediamines in styrene-butadiene rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 535-540.	3.6	26
8	Stabilization effect of potential antioxidants on the thermooxidative stability of styreneâ€“butadiene rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 607-613.	3.6	24
9	DSC study of the influence of p-substituted diphenyl amines on the thermooxidative stability of styrene-butadiene rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 679-684.	3.6	22
10	The applicability of AM1 and PM3 semi-empirical methods for the study of Nâ€“H bond dissociation enthalpies and ionisation potentials of amine type antioxidants. <i>Polymer Degradation and Stability</i> , 2006, 91, 262-270.	5.8	20
11	Thermodynamic study of molecularly imprinted polymer used as the stationary phase in high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1235, 77-83.	3.7	20
12	DSC study of stabilizing effect of antioxidant mixtures in styrene-butadiene rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 415-419.	3.6	19
13	A study of the energetics of antioxidant action of p-phenylenediamines. <i>Polymer Degradation and Stability</i> , 2005, 88, 548-554.	5.8	18
14	DSC and FTIR study of the gamma radiation effect on cis-1,4-polyisoprene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 84, 709-713.	3.6	16
15	Effects of supported metallocene catalyst active center multiplicity on antioxidant-stabilized ethylene homo- and copolymers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 581-595.	3.6	11
16	Thermooxidative stability of polypropylene/TiO ₂ and polypropylene/layered silicate nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1491-1497.	3.6	11
17	A predictive model for polyethylene cable insulation degradation in combined thermal and radiation environments. <i>Polymer Degradation and Stability</i> , 2018, 158, 119-123.	5.8	11
18	Study of the degradation of beeswax taken from a real artefact. <i>Journal of Cultural Heritage</i> , 2019, 37, 103-112.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Thermooxidative stability of poppy seeds studied by non-isothermal DSC measurements. Food Chemistry, 2014, 150, 296-300.	8.2	8
20	Influence of gamma radiation and temperature on the ageing of EVA cable insulation studied by DSC. Thermochimica Acta, 2018, 668, 28-32.	2.7	7
21	Frequent flaws encountered in the manuscripts of kinetic papers. Journal of Thermal Analysis and Calorimetry, 2022, 147, 10083-10088.	3.6	7
22	Degradation of beeswax by NOx pollution and UV light studied by DSC and FTIR measurements. Thermochimica Acta, 2020, 689, 178606.	2.7	5
23	On NMR prediction of the antioxidant effectiveness of heterocyclic nitrogen compounds and substituted amines in styrene-butadiene rubber. Polymer Degradation and Stability, 2017, 144, 1-6.	5.8	4
24	Thermooxidative stability of European varieties of poppy seeds studied by DSC method. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1467-1472.	3.6	0
25	Thermoanalytical study of the kinetics of processes occurring in materials. AIP Conference Proceedings, 2019, , .	0.4	0
26	A simple degradation model for materials in combined thermal and radiation environments. AIP Conference Proceedings, 2019, , .	0.4	0
27	Equivalence of the Arrhenius and Non-Arrhenian Temperature Functions in the Temperature Range of Measurement and Its Application in Isoconversional Kinetics. Hot Topics in Thermal Analysis and Calorimetry, 2017, , 279-293.	0.5	0
28	A rapid method for approximative evaluation of thermooxidative stability of organic materials. Journal of Thermal Analysis and Calorimetry, 0, , .	3.6	0