

#### **A general treatment of solubility 4. Description and analysis of a PCA model for Ostwald solubility coefficients**

**Tulp, Indrek; Dobchev, Dimitar A.; Katritzky, Alan R.; Acree, William jr; Maran, Uko** Journal of chemical information and modeling 2010 / 7, p. 1275-1283 : ill <https://pubs.acs.org/doi/10.1021/ci1000828>

#### **Correlation of blood-brain penetration and human serum albumin binding with theoretical descriptors**

**Karelson, Mati; Dobchev, Dimitar; Tamm, Tarmo; Tulp, Indrek; Jänes, Jaak; Tämm, Kaido; Lomaka, Andre; Savchenko, Deniss; Karelson, Gunnar** Arkivoc 2008 / XVI, p. 38-60 : ill <https://www.arkat-usa.org/get-file/26925/>

#### **Development of temperature control solutions for non-instrumented nucleic acid amplification tests (NINAAT)**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** Micromachines 2017 / p. 1-11 : ill <https://doi.org/10.3390/mi8060180> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Finite element modelling for the optimization of microheating in disposable molecular diagnostics**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** International journal of computational methods and experimental measurements 2017 / p. 13-22 : ill <https://doi.org/10.2495/CMEM-V5-N1-13-22> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Finite element modelling for the optimization of microheating in disposable molecular diagnostics [Electronic resource]**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** 14th International Conference on Simulation and Experiments in Heat Transfer and its Applications : Heat Transfer 2016 : 7-9 September, 2016 Ancona, Italy : unedited papers 2016 / p. [144-155] : ill. [USB]

#### **Finite element modelling of the resistive heating of disposable molecular diagnostics devices**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** Computational methods and experimental measurements XVII 2015 / p. 381-391 : ill <http://dx.doi.org/10.2495/CMEM150341>

#### **Instrument-free Lab-on-a-Chip DNA amplification test for pathogen detection [Online resource]**

**Pardy, Tamas; Rang, Toomas; Kremer, Clemens; Tulp, Indrek** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p. : ill <https://doi.org/10.1109/BEC.2018.8600991>

#### **Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices**

**Pardy, Tamas; Tulp, Indrek; Kremer, Clemens; Rang, Toomas; Stewart, Ray** PLoS ONE 2017 / p. 1-11 : ill <https://doi.org/10.1371/journal.pone.0189968> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Microheating solution for molecular diagnostics devices = Mikrosoojendamaine molekulaardiagnostika seadistes**

**Pardy, Tamas** 2018 <https://digi.lib.ttu.ee/i/?9249> [https://www.ester.ee/record=b4759173\\*est](https://www.ester.ee/record=b4759173*est)

#### **Modelling and experimental characterisation of self-regulating resistive heating elements for disposable medical diagnostics devices**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** Materials characterization VII 2015 / p. 263-271 : ill

#### **Modelling and experimental characterisation of thermoelectric heating for molecular diagnostics devices**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 27-30 : ill [http://www.ester.ee/record=b2150914\\*est](http://www.ester.ee/record=b2150914*est)

#### **Prediction of cell-penetrating peptides using artificial neural networks**

**Dobchev, Dimitar A.; Mäger, Imre; Tulp, Indrek; Karelson, Gunnar; Tamm, Tarmo; Tämm, Kaido; Jänes, Jaak; Langel, Ülo; Karelson, Mati** Current computer-aided drug design 2010 / 2, p. 79-89 <https://www.ingentaconnect.com/contentone/ben/cad/2010/00000006/00000002/art00001?crawler=true>

#### **QSAR study of pharmacological permeabilities**

**Karelson, Mati; Karelson, Gunnar; Tamm, Tarmo; Tulp, Indrek; Jänes, Jaak; Tämm, Kaido; Lomaka, Andre; Savtšenko, Deniss; Dobchev, Dimitar** Arkivoc 2009 / 2, p. 218-238 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=04010557f978e40f8e33b61f9570340690f7940e>

#### **Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction**

**Dobchev, Dimitar A.; Tulp, Indrek; Karelson, Gunnar; Tamm, Tarmo; Tämm, Kaido; Karelson, Mati** Molecular informatics 2013 / p. 793-801 : ill <https://doi.org/10.1002/minf.201300033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Thermal analysis of a disposable, instrument-free DNA amplification lab-on-a-chip platform**

**Pardy, Tamas; Rang, Toomas; Tulp, Indrek** Sensors 2018 / art. 1812, 13 p. : ill <https://doi.org/10.3390/s18061812> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **500 startup'i eesmärk: kuidas viia Eesti tippu?**

**Sarv, Mari Öö** Mente et Manu 2024 [500 startup'i eesmärk: kuidas viia Eesti tippu?](https://www.ester.ee/record=b4759173*est) [500 startup'i eesmärk: kuidas viia Eesti tippu?](https://www.ester.ee/record=b4759173*est)

**500 startup'i eesmärk : kuidas viia Eesti tippu?**

**Reinsalu, Kristo**; Roos, Agnes; Tulp, Indrek *Mente et Manu* 2024 / lk. 48-51 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)