

### **Aqueous and non-aqueous sol-gel synthesis routes for the preparation of calcium hydroxyapatite**

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 125

### **Calcium hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub> ceramics prepared by aqueous sol-gel processing**

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Glaser, Jochen; Meyer, H.-Jürgen; Kareiva, Aivaras Materials research bulletin 2006 / p. 1754-1762 <https://www.sciencedirect.com/science/article/pii/S0025540806000778>

### **Calcium phosphate/hydroxyapatite thin films prepared by an aqueous sol-gel method using dip-coating technique**

Bogdanoviciene, Irma; Scit, Olga; **Tõnsuaadu, Kaia**; Raudonis, Rimantas; Beganskiene, Aldona; Ramanauskas, Rimantas; Kareiva, Aivaras 12th Conference of the European Ceramic Society (ECerS 2011), Stockholm, Sweden, 19-23 June 2011 / [1 p.]

### **Cationic substitution effects in sol-gel derived Ca-phosphate bioceramics materials**

**Bogdanoviciene, Irma**; Ezerskyte-Miseviciene, Akvile; **Traksmaa, Rainer**; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Chemistry and Chemical Technology 2015 : International Conference of Lithuanian Chemical Society : dedicated to Professor Vitas Daukšas on his 80th birth anniversary : Vilnius, Lithuania, January 23, 2015 : programme and proceedings of the international conference 2015 / p. 66-69 : ill

### **Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor**

**Bogdanoviciene, Irma**; Cepenko, Marina; **Traksmaa, Rainer**; Kareiva, Aivaras; **Tõnsuaadu, Kaia** ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 190

### **Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor**

**Bogdanoviciene, Irma**; Cepenko, Marina; **Traksmaa, Rainer**; Kareiva, Aivaras; **Tõnsuaadu, Kaia** Journal of Thermal Analysis and Calorimetry 2015 / p. 107-114 : ill <http://dx.doi.org/10.1007/s10973-015-4507-2>

### **Formation peculiarities of calcium hydroxyapatite Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub> during sol-gel processing [Electronic resource]**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Grigoraviciute-Puroniene, Inga; Beganskiene, Aldona; Kareiva, Aivaras ECIS 2010 : 24th Conference of the European Colloid and Interface Society : September 5-10, Prague, Czech Republic 2010 / p. P.2.89 [CD-ROM]

### **Influence of gelation temperature on the properties of sol-gel-derived calcium hydroxyapatite ceramics**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Polish journal of chemistry 2009 / p. 47-55 : ill [https://www.researchgate.net/publication/287549393\\_Influence\\_of\\_Gelation\\_Temperature\\_on\\_the\\_Properties\\_of\\_Sol-Gel-Derived\\_Calcium\\_Hydroxyapatite\\_Ceramics](https://www.researchgate.net/publication/287549393_Influence_of_Gelation_Temperature_on_the_Properties_of_Sol-Gel-Derived_Calcium_Hydroxyapatite_Ceramics)

### **Influence of heating conditions on the formation of sol-gel derived calcium hydroxyapatite**

Bogdanoviciene, Irma; Beganskiene, Aldona; Kareiva, Aivaras; Juškėnas, Remigijus; Selskis, Algirdas; Ramanauskas, Rimantas; **Tõnsuaadu, Kaia**; **Mikli, Valdek** Chemija 2010 / 2/4, p. 98-105 : ill <http://mokslozurnalai.lmaleidykla.lt/publ/0235-7216/2010/2-4/98-105.pdf>

### **On the sol-gel preparation of calcium hydroxyapatite (Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub>,HA)**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Grigoraviciute, I.; Beganskiene, Aldona; Kareiva, Aivaras 9th National Lithuanian Conference "Chemija 2009" : Vilnius, October 16, 2009 : abstracts 2009 / [1] p. : ill

### **Peculiarities of the formation of calcium hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub>, at different heating conditions**

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### **pH impact on the sol-gel preparation of calcium hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub>, using a novel complexing agent, DCTA**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Grigoraviciute-Puroniene, Inga; Beganskiene, Aldona; Kareiva, Aivaras Central European journal of chemistry 2010 / 6, p. 1323-1330 : ill <https://link.springer.com/article/10.2478/s11532-010-0113-0>

### **Precursor for calcium hydroxyapatite : thermal analysis of xerogel prepared with DCTA as complexing agent**

Stankeviciute, Z.; **Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; Kareiva, Aivaras European Symposium on Biomaterials and related Areas : 23.-24. April 2013, Weimar, Germany : [conference abstracts] 2013 / [1] p

### **Purity test of precipitated apatites by TG/DTA/EGA-MS**

**Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; **Traksmaa, Rainer** Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 232

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**Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; **Traksmaa, Rainer** Journal of thermal analysis and calorimetry 2016 / p. 919-925 : ill <https://doi.org/10.1007/s10973-016-5447-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sol-Gel approach to the calcium phosphate nanocomposites**

Beganskiene, Aldona; Stankeviciute, Zivile; Malakauskaite, Milda; **Bogdanoviciene, Irma; Mikli, Valdek; Tõnsuaadu, Kaia;** Kareiva, Aivaras Nanostructured materials and nanotechnology VII : a collection of papers presented at the 37th International Conference on Advanced Ceramics and Composites, January 27-February 1, 2013, Daytona Beach, Florida 2014 / p. 3-14 : ill <https://doi.org/10.1002/9781118807828.ch1> Conference proceedings at Scopus Article at Scopus

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### **Sol-Gel synthesis and characterization of Mg and Na substituted calcium hydroxyapatite based bioceramic materials**

**Bogdanoviciene, Irma;** Cepenka, Marina; **Traksmas, Rainer;** Kareiva, Aivaras; **Tõnsuaadu, Kaia** 26th Symposium and Annual Meeting of the International Society for Ceramics in Medicine (BIOCERAMICS 26) : final programme and abstracts book : Barcelona, 6/8 November 2014 2014 / p. 176

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**Bogdanoviciene, Irma; Traksmas, Rainer;** Kareiva, Aivaras; **Tõnsuaadu, Kaia** 16th International Conference-School Advanced Materials and Technologies 2014 : August 27-31, Palanga, Lithuania 2014 / p. 102

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**Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Traksmas, Rainer;** Kareiva, Aivaras 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 371

### **Thermal analysis of xerogel for calcium hydroxyapatite thin films preparation**

Stankeviciute, Z.; **Tõnsuaadu, Kaia; Bogdanoviciene, Irma;** Kareiva, Aivaras Book of abstracts of the 15th International Conference-School Advanced materials and technologies : 27-31 August 2013, Palanga, Lithuania 2013 / p. 128