

Binding of acidic gaseous compounds into the solid phase during combustion of oil shale

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres; Bender, Villem 8th European Conference on Solid State Chemistry and satellite meetings Functional Perovskite - Related Oxides [and] Hydrogen Storage Materials : Oslo, July 2001 2001 / p. P110

Binding of SO₂ by synthetic substituted apatites

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel Journal of thermal analysis and calorimetry 1999 / Proceedings of the 7th European Symposium on Thermal Analysis and Calorimetry, ISBN 963-05-7629-5. Vol. 1, p. 35-42: ill
<https://link.springer.com/article/10.1023/A:1010118905445>

Carbon dioxide binding in the heterogeneous systems formed at combustion of oil shale. 4, Reactivity of ashes towards acid gases in the system fly ash-flue gases

Kaljuvee, Tiit; Kuusik, Rein, keemik; Radin, Maia; Bender, Villem Oil shale 2004 / 1, p. 13-26 : ill
https://artiklid.elnet.ee/record=b1015100*est

Cd²⁺ ja Mn²⁺ sidumine vesilahustest sünteetiliste fluorkarbonaatapatiididega = Removal of Cd²⁺ and Mn²⁺ ions from aqueous solutions by fluorcarbonateapatites

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 215-216
https://www.ester.ee/record=b1070511*est

Changes in the structure of carbonate apatite on calcination

Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel; Koel, Mihkel; Bender, Villem 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 112

Effect of fluoride and carbonate substitutions on apatites Cd²⁺ sorption capacity

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel Toxicological and environmental chemistry 2001 / p. 43-53
https://www.researchgate.net/publication/250894615_Effect_of_fluoride_and_carbonate_substitutions_on_apatites_Cd_sorption_capacity

Effect of precipitation conditions on the apatite structure

Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Bender, Villem Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 122

Füüsika praktikumi metoodiline juhend. I

1987 https://www.ester.ee/record=b1230884*est

Füüsika praktikumi tööjuhendid. II

1970 https://www.ester.ee/record=b1282259*est

Füüsika ülesanded

1998 https://www.ester.ee/record=b1061290*est

Füüsika ülesanded

1996 https://www.ester.ee/record=b1071006*est

Füüsika ülesanded

1998 https://www.ester.ee/record=b1061548*est

Füüsika ülesanded

2000 https://www.ester.ee/record=b1428372*est

Füüsika ülesanded

2000 https://www.ester.ee/record=b4160181*est

Füüsika ülesanded

Aarna, Heiti; Bender, Villem; Kelder, Tõnu; Mere, Arvo; Reiter, Eerik; Rusalep, Ervin; Ruus, Tõnu; Suurvarik, Pavel; Uder, Ülo-Olimar 2002 https://www.ester.ee/record=b1593180*est

Füüsika ülesanded

2005 http://www.ester.ee/record=b2032225*est

Impact of mechanical activation on physical and chemical properties of phosphorite concentrates

Tõnsuaadu, Kaia; Kaljuvee, Tiit; Petkova, Vilma; Traksmäa, Rainer; Bender, Villem; Kirsimäe, Kalle International journal of mineral processing 2011 / p. 104-109

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Törn, Leo; Bender, Villem; Triikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2011 / p. 13-26

Keemiliselt pihustatud CuInS₂ õhukeste kilede struktuursed ja optilised omadused

Krunks, Malle; Bijakina, Olga; Bender, Villem; Mikli, Valdek XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 57

Muutused karbonaatapatiitide struktuuris kuumutamisel

Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel; Koel, Mihkel; Bender, Villem XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 102

Natural and synthetic apatites as sorbents for Cd²⁺ and Cr³⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 2, p. 75-90 : ill

Natural and synthetic apatites as sorbents for Cd²⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Phosphorus, sulfur, and silicon and the related elements 2002 / 8/9, August-September, XVth International Conference on Phosphorus Chemistry (ICPC 15). Part II, p. 2239

Natural and synthetic apatites as sorbents for Cd²⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem XVth International Conference on Phosphorus Chemistry (ICPC 15) : Sendai, Japan, July 29 - August 3, 2001 : program and abstracts 2001 / p. PB109

Removal of cadmium from aqueous solutions by sorption on natural apatites

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 56

Sorption and desorption of Cd²⁺ and Zn²⁺ ions in apatite-aqueous systems

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Environmental science and technology 2004 / 21, p. 5626-5631 : ill

Sorption and desorption of Cd²⁺ ions by synthetic apatites

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 57

Sorption of Cd(II), Cr(III) and Al(III) ions on apatite from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 137

Structural and optical properties of CuInS₂ thin films prepared by spray pyrolysis

Krunks, Malle; Bijakina, Olga; Bender, Villem; Mikli, Valdek 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 63

Structural studies of apatite

Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Bender, Villem; Traksmäa, Rainer; Villani, F.; Gruselle, M. Nanopowders, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 19-21

Studies on SO₄²⁻ ion incorporation into apatite structure

Tõnsuaadu, Kaia; Peld, Merike; Quarton, Michel; Bender, Villem; Veiderma, Mihkel XVth International Conference on Phosphorus Chemistry (ICPC 15) : Sendai, Japan, July 29 - August 3, 2001 : program and abstracts 2001 / p. A43

Studies on SO₄²⁻ ion incorporation into apatite structure

Tõnsuaadu, Kaia; Peld, Merike; Quarton, Michel; Bender, Villem; Veiderma, Mihkel Phosphorus, sulfur, and silicon and the related elements 2002 / 6/7, June-July, XVth International Conference on Phosphorus Chemistry (ICPC 15). Part I, p. 1873-1876

Substituent effects on structural stability of apatites at calcination

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Puz, Marina Phosphorus research bulletin 2002 / p. 89-92 : ill

Substituent effects on structural stability of apatites at calcination

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 58

Sulfaatapatiitide koostis ja omadused

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Mikli, Valdek XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 182-183

Synthetic cation and anion substituted apatites as sorbents for Cd²⁺ in Solutions

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem First International Conference on Inorganic Materials : Synthesis, Characterisation, Properties and Applications of Inorganic Materials, 16-19 September 1998, Versailles, France : programme and abstracts 1998 / p. P45

Termilised reaktsioonid apatiidi ja SO₂ vahel

Veiderma, Mihkel; Tõnsuaadu, Kaia; Bender, Villem XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 191-192

The effect of substitutions in the structure of apatite on the sulphur oxide binding at calcination

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel ESTAC-7 : 7th European Symposium on Thermal Analysis and Calorimetry, Aug. 30 - Sept. 4, 1998, Balatonfüred, Hungary : book of abstracts 1998 / p. 151

The effect of substitutions on Cd²⁺ sorption capacity of apatites

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel First International Conference on Hydroxyapatite & Related Products : its use in purification of biomolecules : Lyon - France, 23rd - 25th March 1999 : final programme 1999 / [1] p

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik; Bender, Villem Journal of thermal analysis and calorimetry 2005 / p. 591-597

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik; Bender, Villem ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 315
<https://link.springer.com/article/10.1007/s10973-005-0699-1>

Thermal analysis in studies of apatite structure

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 28

Thermal analysis in studies of apatite structure

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 1. ISBN 963-05-8043-8. p. 363-371 : ill

Thermal interactions between apatites and SO₂

Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-16, 1999, p. 256-261: ill

Thermal interactions between apatites and SO₂

Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, Sept. 14-16, 1999 : book of abstracts 1999 / p. No. 0.2.10
https://www.researchgate.net/publication/286300928_THERMAL_INTERACTIONS_BETWEEN_APATITES_AND_SO2SUB

Thermal reactions in synthetic apatite-ammonium sulfate mixture

Tõnsuaadu, Kaia; Borissova, Maria; Bender, Villem; Pelt, Jaan Phosphorus, sulfur and silicon and the related elements 2004 / 11, p. 2395-2407

Thermal stability of synthesized carbonate apatites

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Koel, Mihkel; Bender, Villem The French-Israeli Workshop on Apatites and Lasers : November 25-26, 1996, Jerusalem, Israel : scientific program and workshop abstracts 1996 / [1] p

Uus meetod faasiüleminekute uurimiseks

Lott, Kalju; Nirk, Tiit; Bender, Villem XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 85-86

Õhu saasteosakeste analüüs : aruanne : nr. G-442 : teadussuuna klass 1.14

Paat, Aadu; Bender, Villem 1994

Влияние влажности на изоляционные свойства некоторых диэлектриков

Bender, Villem; Gutmann, Enn XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов 1981 / с. 71
https://www.ester.ee/record=b1322624*est

Влияние влажности на поверхностную и объемную проводимость некоторых диэлектриков

Bender, Villem; Roninson, Aleksander; Silas, Aarne Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 79-88 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Влияние механических напряжений на поверхностную и объемную проводимости некоторых диэлектриков

Bender, Villem; Veimer, Vladimir; Mere, Arvo; Roninson, Aleksander; Silas, Aarne Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 65-72

Влияние освещения на доменную структуру SbS₂

Bender, Villem; Fridkin, V. Физика твердого тела 1971 / с. 614-615 : fot https://www.ester.ee/record=b1258896*est

Влияние статических и динамических деформаций на электроизоляционные свойства резин

Bender, Villem; Veimer, Vladimir; Mere, Arvo Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / с. 100-108

Вспомогательный материал по физике для поступающих : [одоблено 20. марта 1984 г., протокол № 9]

Peets, Gustav 1984 https://www.ester.ee/record=b1233558*est

Измерение эффекта поля на легированном германии

Bender, Villem; Paat, Aadu; Pikka, Tiit; Valdur, Jaan Труды по физике : сборник статей. 6 1973 / с. 17-25 : илл

https://www.ester.ee/record=b2190564*est <https://digikogu.taltech.ee/et/Item/020d3bce-d60f-45bd-aa8f-4906f2c1d0d6>

Исследование углов смачивания некоторых диэлектрических материалов

Veimer, Vladimir; Bender, Villem; Kurik, Lembit; Udris, V. Электрофизические свойства полупроводниковых и

диэлектрических материалов 1983 / с. 69-78 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Методическое руководство к практикуму по физике

1987 https://www.ester.ee/record=b1322650*est

Полупроводниковые материалы

Rusalep, Ervin; Kukk, Peeter-Enn; Krustok, Jüri; Mädasson, Jaan; Altosaar, Mare; Ruus, Tõnu; Aarna, Heiti; Mankin, Romi; Reiter, Eerik; Krunks, Malle; Mellikov, Enn; Seilenthal, Mats; Vallaste, Heikki; Tuvike, Tiit; Palmre, Õie; Bender, Villem; Veimer, Vladimir; Mere, Arvo; Roninson, Aleksander; Silas, Aarne; Gavrilov, Aleksei; Paat, Aadu; Meiler, Boriss 1986

https://www.ester.ee/record=b1296001*est

Руководство к лабораторным работам по физике

1972 https://www.ester.ee/record=b1329508*est

Установка для измерения эффекта поля на легированном германии

Bender, Villem; Paat, Aadu; Pikka, Tiit; Valdur, Jaan Труды по физике : сборник статей. 6 1973 / с. 3-16 : илл

https://www.ester.ee/record=b2190564*est <https://digikogu.taltech.ee/et/Item/020d3bce-d60f-45bd-aa8f-4906f2c1d0d6>