

## Nomura Toshihiro

Publicații peste hotare - 3.

Publicații indexate în SCOPUS - 3. Teze/Rezumat în culegeri - 1.

### 2021 - 2

#### **Element-specific field-induced spin reorientation and tetracritical point in MnCr<sub>2</sub>S<sub>4</sub>**

*Yamamoto Sh<sup>1</sup>, Suwa Hidemaro<sup>2</sup>, Kihara Takumi<sup>3</sup>, Nomura Toshihiro<sup>1,2</sup>, Kotani Yoshinori<sup>4</sup>, Nakamura Tetsuya<sup>3,4</sup>, Skourski Yurii<sup>1</sup>, Zherlitsyn S.<sup>1</sup>, Prodan Lilian<sup>5,6</sup>, Tsurkan Vladimir<sup>5,6</sup>, Nojiri Hiroyuki<sup>3</sup>, Loidl Alois<sup>6</sup>, Wosnitza Joachim<sup>1,7</sup>*

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#### **Ultrasound measurement technique for the single-turn-coil magnets**

*Nomura Toshihiro<sup>1</sup>, Hauspurg A.<sup>2</sup>, Gorbunov Denis<sup>2</sup>, Miyata Atsuhiko<sup>2</sup>, Schulze E.<sup>2</sup>, Zvyagin Sergei<sup>2</sup>, Tsurkan Vladimir<sup>3,4</sup>, Matsuda Yashuhiro H.<sup>1</sup>, Kohama Yoshimitsu<sup>1</sup>, Zherlitsyn S.<sup>2</sup>*

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### 2020 - 1

#### **Spin-lattice coupling in a ferrimagnetic spinel: Exotic H-T phase diagram of MnCr<sub>2</sub>S<sub>4</sub> up to 110 T**

*Miyata Atsuhiko<sup>1</sup>, Suwa Hidemaro<sup>2</sup>, Nomura Toshihiro<sup>3</sup>, Prodan Lilian<sup>4</sup>, Felea Viorel<sup>3,4,5</sup>, Skourski Yurii<sup>3</sup>, Deisenhofer Joachim<sup>6</sup>, Krug Von Nidda Hans Albrecht<sup>6</sup>, Portugall Oliver<sup>1</sup>, Zherlitsyn S.<sup>3</sup>, Tsurkan Vladimir<sup>4,6</sup>, Wosnitza Joachim<sup>3,5</sup>, Loidl Alois<sup>6</sup>*

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**2018 - 1**

**Frustrated magnetic spinels in ultra-high magnetic fields**

*Tsurkan Vladimir<sup>1,2</sup>, Prodan Lilian<sup>2</sup>, Felea Viorel<sup>2,3</sup>, Deisenhofer Joachim<sup>1</sup>, Krug Von Nidda Hans Albrecht<sup>1</sup>, Miyata Atsuhiko<sup>4</sup>, Nomura Toshihiro<sup>3</sup>, Skourski Yurii<sup>3</sup>, Zherlitsyn S.<sup>3</sup>, Portugall Oliver<sup>3</sup>, Wosnitza Joachim<sup>3</sup>, Loidl Alois<sup>1</sup>*

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