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- P-21 **Nikolay N. Oskolkov, Kasper Olsen, Jakob Bohr**
Cold Denaturation of Lennard-Jones Helices with Applications to α -Helical Polypeptides
- P-22 **Joanna Panecka, Cameron Mura, Joanna Trylska**
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- P-23 **Katarzyna Pierzchała, Małgorzata Lekka, Arnaud Magrez, Andrzej J. Kulik, Laszlo Forro, Andrzej Sienkiewicz**
Photocatalytic and Phototoxic Properties of TiO₂based Nanofilaments: ESR and AFM Assays
- P-24 **E. Radziun, A. Jastrzębska, M. Rosłon, J. Dudkiewicz Wilczyńska, A. Kunicki, A. Olszyna, E.L. Anuszevska**
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- P-25 **Julia Romanowska, J. Andrew McCammon, Joanna Trylska.**
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- P-26 **A. Sieradzan, H.A. Scheraga, A. Liwo**
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- P-27 **Bożena Sikora, Krzysztof Fronc, Izabela Kamińska, Anna Baranowska-Korczyc, Kamil Sobczak, Roman Minikayev, Anna Reszka, Wojciech Paszkowicz, Bogdan J. Kowalski, Danek Elbaum**
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- P-28 **Mateusz Sikora, Damien Thompson, Piotr Szymczak, Marek Cieplak**
Linking Gold Nanoparticles Using Molecular Interconnects - a Theoretical Study

- P-29 **Mateusz Sikora, Marek Cieplak**
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- P-30 **Anna Starzyk, Marek Cieplak**
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- P-31 **Bartosz Trzaskowski, Ravinder Abrol, William A. Goddard III**
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- P-32 **Jacek Wabik, Dominik Gront, Sebastian Kmiecik, Andrzej Koliński**
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- P-33 **Anna E. Wałkiewicz, Joshua Hammons, Michal Juricek, Trevor Rayment**
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- P-34 **Beata Wielgus - Kutrowska, Joanna Krasowska, Agnieszka Bzowska, Patricia L. Clark, László Forró, Andrzej Sienkiewicz**
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- P-35 **Tomasz Witula, Joanna Trylska**
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- P-36 **Tomasz Wlodarski, Bojan Zagrovic**
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Diffusion and Dimerization of Single-Pass Receptors Studied by Fluorescence Correlation Spectroscopy
- P-38 **Marta Z. Cieplak, , L. Y. Zhu, Z. Adamus, M. Konczykowski, C. L. Chien**
Vortex Dynamics in Superconductor-Ferromagnet Bilayers with Tunable Domain Patterns