

No.	Name	Linked title to PDF	Topic
Mo-P-01	Alexander Andreev	Pressure influence on magnetism of UCo_{1-x}TxAI solid solutions with T = 3d- and 5d- metals	Electronic, magnetic and transport properties
Mo-P-02	Anna Kusmartseva	The evolution of high-pressure phases in near half-metallic Heusler alloys	Electronic, magnetic and transport properties
Mo-P-03	Dmitry Belyaev	Hardness and damage of the U-Fe-Ge alloy sphere under explosive loading	Electronic, magnetic and transport properties
Mo-P-04	Evgenia Chitrova	Magnetoelasticity of Lu₂Fe_{16.5}Ru_{0.5}	Electronic, magnetic and transport properties
Mo-P-05	Fumihiro Ishikawa	Pressure effect on the Hall resistance of the Dirac semimetal PdTe₂	Electronic, magnetic and transport properties
Mo-P-06	Gabriel Pristas	Magnetic Phase Diagram of ErB₄ under High Pressure	Electronic, magnetic and transport properties
Mo-P-07	Hironari Okada	A comparison between Si substitution and pressure effects on structural and magnetic properties of tetragonal Mn₃Ge	Electronic, magnetic and transport properties
Mo-P-08	Israel Osmond	High Pressure Magnetic Measurements of 2H-NbSe₂	Electronic, magnetic and transport properties
Mo-P-09	Jaroslav Valenta	Evolution of magnetic phase diagram of UIrSi₃ upon application of pressure	Electronic, magnetic and transport properties
Mo-P-10	JESUS GONZALEZ	Electrical properties of Graphene Oxide (GO) at high pressure and low temperatures	Electronic, magnetic and transport properties
Mo-P-11	Jiří Kaštil	Pressure evolution of magnetic properties of Fe doped NdCo_{12-x}FexB₆	Electronic, magnetic and transport properties
Mo-P-12	Jiří Kaštil	Magnetic and structural properties of Fe₅SiB₂ under pressure	Electronic, magnetic and transport properties
Mo-P-13	Joseph Boby	Evolution of structure and local atomic environment upon pressure-induced metallization in intermetallic FeGa₃	Electronic, magnetic and transport properties
Mo-P-14	K.B. Joshi	Transport properties of fluorite RuO₂	Electronic, magnetic and transport properties
Mo-P-15	Marie Kratochvílová	The effect of pressure on ferromagnetic properties of the van-der-Waals materials V₁₃ and CrI₃	Electronic, magnetic and transport properties
Mo-P-16	Mir Ali	Study Ab Initio of the Effect of A-Site Substitution on the Fe_{1.12}Te System	Electronic, magnetic and transport properties

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Mo-P-17	Natalia Morozova	Electronic transport properties of VS4 under high pressures	Electronic, magnetic and transport properties
Mo-P-18	Petr Král	High-pressure influence on magnetic transitions of Ce2Pd2In intermetallic compound	Electronic, magnetic and transport properties
Mo-P-19	Petr Proschek	Pressure characterization of the EuRu2P2 single crystal	Electronic, magnetic and transport properties
Mo-P-20	Slavomír Gabáni	Pressure effect on superconductivity in YB6	Electronic, magnetic and transport properties
Mo-P-21	Yang Liuxiang	High Pressure Electrical Transport Evolution of Single Crystal Graphite	Electronic, magnetic and transport properties
Mo-P-22	Yuki NAKAMOTO	Pressure dependence of electrical conductivity in FeTiO3 Ilmenite	Electronic, magnetic and transport properties
Mo-P-23	Zhenhua Chi	Superconductivity in Pristine 2Hα-MoS2 at Ultrahigh Pressure	Electronic, magnetic and transport properties
Mo-P-24	Karina Ilona Hidas	Effects of high hydrostatic pressure treatment on the properties of different egg white-based dairy product alternatives	Food sciences and technology
Mo-P-25	Justyna Nasiłowska	Effect of Lactobacillus brevis cells growth phase on inactivation and sublethal injury caused by high pressure	Food sciences and technology
Mo-P-26	Adrienn Tóth	Effect of HHP on microbiota and shelf-life of vitamin enriched Hungarian sausages	Food sciences and technology
Mo-P-27	Milan Houska	Pascalized coconut water with coffee extract - sensory and microbial quality	Food sciences and technology
Mo-P-28	Ken-ichi Funakoshi	Structural study of hydrous sodium silicate melts under high pressure	Geosciences
Mo-P-29	Tatiana Sokolova	Equation of state of orthoferrosilite at pressure up to 15 GPa and high temperatures	Geosciences
Mo-P-30	Nicole Biedermann	Reactions between CaCO3 and bridgmanite at mantle conditions and the role of carbonates as possible trace element carriers into the Earth's deep interior	Geosciences
Mo-P-31	Sam Thompson	Melting experiments on Fe3S under high pressure	Geosciences
Mo-P-32	Konstantin Litasov	Experimental view on mineral inclusions of "mixed" paragenesis in lithospheric diamonds	Geosciences

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Mo-P-33	Konstantin Litasov	New high-pressure minerals in iron meteorites	Geosciences
Mo-P-34	Hirokazu Kadobayashi	High pressure and high temperature stability of methane hydrate in water-methane-ammonia system	Geosciences
Mo-P-35	Sergey Rashchenko	Single-crystal X-ray study of K-tourmaline crystal structure up to 20 GPa	Geosciences
Mo-P-36	Christian Albers	Decomposition of siderite and formation of tetrarbonates at conditions of the lower mantle	Geosciences
Mo-P-37	Chris McGuire	Melting phase relations of the system Fe-C up to 60 GPa	Geosciences
Mo-P-38	Kui Han	Interpreting the electrical conductivity of deep earth by modelling the bulk property using constituent property at high temperature and pressure	Geosciences
Mo-P-39	Alexandre Courac	Phase diagram of Silicon: in situ experimental data and simulations	High pressure chemistry, synthesis & novel materials
Mo-P-40	Demetrio Scelta	High pressure structure and chemistry of layered phases of Phosphorus	High pressure chemistry, synthesis & novel materials
Mo-P-41	Konstantinova Tetyana	Influence of alloying elements on kinetics of the initial stage sintering of powders on the basis of yttrium stabilized zirconia	High pressure chemistry, synthesis & novel materials
Mo-P-42	Konstantinova Tetyana	Effect of small additions of alumina on the structure and properties of ceramics based on zirconia nanopowders	High pressure chemistry, synthesis & novel materials
Mo-P-43	Konstantinova Tetyana	Effect of cold isostatic pressure on the ceramic structure 3Y – TZP with small amount Al₂O₃	High pressure chemistry, synthesis & novel materials
Mo-P-44	Szymon Sobczak	Products of high-pressure disulphide metathesis controlled by mass spectrometry	High pressure chemistry, synthesis & novel materials
Mo-P-45	Vladimir Filonenko	Consolidation of superhard particles at high pressures and high temperatures	High pressure chemistry, synthesis & novel materials
Mo-P-46	Yurii Ivakin	Solid-phase recrystallization of oxides in the medium of sub- and supercritical water fluid	High pressure chemistry, synthesis & novel materials
Mo-P-47	Bishnupada Ghosh	High pressure anomalies in exfoliated MoSe₂: Resonance Raman and X-ray diffraction studies	High pressure chemistry, synthesis & novel materials
Mo-P-48	Pinku Saha	Synthesis and Compression study of orthorhombic Fe₇(C, Si)₃: A possible constituent of the Earth's core	High pressure chemistry, synthesis & novel materials

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Mo-P-49	Marina Danchevskaya	Changing of the morphology of crystals BaTiO₃, synthesized in supercritical or subcritical water fluid	High pressure chemistry, synthesis & novel materials
Mo-P-50	Takashi Naka	Low Dimensional Organic-Inorganic Hybrid Nanomaterial synthesized in solvothermal condition	High pressure chemistry, synthesis & novel materials
Mo-P-51	Gendo Oomi	Physical properties of pressure-prepared pellets of dead leaves	High pressure chemistry, synthesis & novel materials
Mo-P-52	Arkadii Dobromyslov	Influence of intensive plastic deformation under pressure upon synthesis of Zr-Zn alloys from elemental powders	High pressure chemistry, synthesis & novel materials
Mo-P-53	Aleksandra Pótrolniczak	Kinetically driven frowning of the crystal phase	High pressure chemistry, synthesis & novel materials
Mo-P-54	Kazuhiro Fuchizaki	A unique multianvil 6-6 assembly for a cubic-type multianvil apparatus	High pressure instrumentation at large scale facilities
Mo-P-55	Monica Amboage	High Pressure XAS at the I20-EDE beamline at Diamond Light Source	High pressure instrumentation at large scale facilities
Mo-P-56	Robert Farla	PETRA III beamline P61B: Extreme conditions science using the LVP	High pressure instrumentation at large scale facilities
Mo-P-57	Orianna Ball	Shock-wave study of the metallization of alkali halides up to 500 GPa	Dynamical pressures & shock physics
Mo-P-58	Appel Karen	Structure of SiO₂ Melts at Megabar Pressures	Dynamical pressures & shock physics
Mo-P-59	Ivo B. Rietveld	On the Dimorphism and the Pressure-Temperature State Diagram of Gestodene, a Steroidal Progestogen Contraceptive	Bio-/Life-sciences
Mo-P-60	Judit Somkuti	High pressure infrared spectroscopy studies on G quadruplexes	Bio-/Life-sciences