

Publications List 2025

In 2025, a total of **512** publications (published in 2024 or 2025) have been retrieved and registered by the library

Abalmasov V.A., Ivanov A.S., Sadykov R.A., Belushkin A.V. [Hydrogen modes in \$\text{KH}_2\text{PO}_4\$ under pressure from *ab initio* calculations and inelastic neutron scattering](#)
Physical Review B **112**, 214101-1-214101-11 (2025)

Abbas M., Micciulla S., Teulon J.M., Maalej M., Trembley M., Marchetti R., Molinaro A., Thépaut M., Fieschi F., Pellequer J.L., Laguri C. [Lipopolysaccharide nanoparticles: A biomimetic platform to study bacterial surface](#)
Biophysical Journal **124**, 2542-2552 (2025)

Abel C., Ayres N.J., Ban G., Bison G., Bodek K., Bondar V., Bouillaud T., Bowles D.C., Caratsch G.L., Chanel E., Chen W., Chiu P.J., Crawford C., Dechenaux B., Doorenbos C.B., Emmenegger S., Ferraris-Bouchez L., Fertl M., Flaux P., Fratangelo A., Goupilliere D., Griffith W.C., Grujic Z., Höhl D., Kasprzak M., Kirch K., Kletzl V., Komposch S.V., Koss P.A., Krempel J., Lauss B., Lefort T., Lejuez A., Li R., Meier M., Menu J., Michielsen K., Mullan P., Mullins A., Naviliat-Cuncic O., Pais D., Piegsa F.M., Pignol G., Quémener G., Rawlik M., Rebreyend D., Rienaecker I., Ries D., Roccia S., Rozpedzik D., Schnabel A., Schmidt-Wellenburg P., Segarra E.P., Severijns N., Smith C.A., Svirina K., Tavakoli R., Thorne J., Touati S., Vankeirsbilck J., Virost R., Voigt J., Wursten E., Yazdandoost N., Zejma J., Ziehl N., Zsigmond G. [Generating a highly uniform magnetic field inside the magnetically shielded room of the n2EDM experiment](#)
European Physical Journal C **85**, 202-1-202-19 (2025)

Agafonov A., Pineda-Romero N., Witman M.D., Enblom V., Sahlberg M., Nassif V., Lei L., Grant D.M., Dornheim M., Ling S., Stavila V., Zlotea C. [Promising alloys for hydrogen storage in the compositional space of \$\(\text{TiVNb}\)_{100-x}\(\text{Cr,Mo}\)_x\$ high-entropy alloys](#)
ACS Applied Materials & Interfaces **17**, 41991-42003 (2025)

Agarwal M., Zika A., Yucel M., Schweins R., Kohlbrecher J., Gröhn F. [The role of light irradiation and dendrimer generation in directing electrostatic self-assembly](#)
Polymers **17**, 170-1-170-27 (2025)

Alabd K., Gaudin E., Villesuzanne A., Vignolle B., Durand E., Daro N., Suard E., Ritter C., Tencé S. [Oxyhydride synthesis through facile water dissociation on the electride intermetallic LaScSi](#)
Journal of the American Chemical Society **147**, 22015-22023 (2025)

Alawy M.K., Gómez-Barreiro J., Hamimi Z., Moghazi A.K.M., Younis M.H., Puente Orench I., Barrios Sánchez S. [Tectonic reworking in the Arabian-Nubian Shield: An analysis of the textural record of the exhumation of the Meatiq Gneiss dome \(Egypt\)](#)
Gondwana Research **143**, 64-90 (2025)

Alcáala G.A., Algora A., Estienne M., Fallot M., Guadilla V., Beloeuvre A., Gelletly W., Kean R., Porta A., Bouvier S., Stutzmann J.S., Bonnet E., Eronen T., Etasse D., Agramunt J., Taín J.L., Garcia Cabrera H., Giot L., Laureau A., Victoria J.A., Molla Y., Jaries A., Al Ayoubi L.,

Beliuskina O., Gins W., Hukkanen M., Illana A., Kankainen A., Kujanpää S., Moore I., Pohjalainen I., Pitman D., Raggio A., Reponen M., Romero J., Ruotsalainen J., Stryczyk M., Tolosa A., Virtanen V. [Study of the beta spectrum shape of Rb₉₂ and Cs₁₄₂ decays for the prediction of reactor antineutrino spectra](#)
Physical Review Letters **135**, 142502-1-142502-10 (2025)

Alexanian Y., Kumar R., Zeroual H., Bernu B., Mangin-Thro L., Stewart J.R., Wilkinson J.M., Bhattacharya S., Paulose P.L., Bert F., Mendels P., Fåk B., Kermarrec E. [Evidence for spin liquid behavior in the frustrated three-dimensional S=1/2 Heisenberg garnet NaCa₂Cu₂\(VO₄\)₃](#)
Physical Review Materials **9**, 074411-1-074411-9 (2025)

Alhede A. [On the characterisation of steel corrosion and the resulting concrete damage using tomography](#)
PhD Thesis: Chalmers University of Technology, Gothenburh, Sweden (2025)

Alhede A., Dijkstra J., Tengattini A., Lundgren K. [Characterisation of steel corrosion and matrix damage in reinforced mortar combining analytical, electrical and image-based techniques](#)
Cement and Concrete Research **190**, 107792-1-107792-11 (2025)

Ali D.O.A., Beaudhuin M., Koza M.M., Viennois R. [Lattice dynamics of Ca₃Si₄ and Ca₁₄Si₁₉ compounds](#)
Journal of Physical Chemistry C **129**, 3168-3178 (2025)

Almadhi A., Injac S.D., Ji K., Ritter C., Attfield J.P. [Chemical tuning of a double double perovskite oxide](#)
Chemical Communications **61**, 13469-13472 (2025)

Almeida M., Dudzinski D., Couturaud B., Prévost S., Lutz-Bueno V., Mahmoudi N., Amiel C., Cousin F., Le Coeur C. [Design of thermo-responsive self-assembly of PEGylated fatty acids: Switching reversibly from tubes or vesicles to micelles at physiological temperature](#)
Journal of Colloid and Interface Science **693**, 137571-1-137571-10 (2025)

Alpert B.K., Balata M., Becker D.T., Bennett D.A., Borghesi M., Campana P., Carobene R., De Gerone M., Doriese W.B., Faverzani M., Ferrari Barusso L., Ferri E., Fowler J.W., Gallucci G., Gamba S., Gard J.D., Gatti F., Giachero A., Gobbo M., Köster U., Labranca D., Lusignoli M., Manfrinetti P., Mates J.A.B., Maugeri E., Moretti R., Nisi S., Nucciotti A., O'Neil G.C., Origo L., Pessina G., Ragazzi S., Reintsema C.D., Schmidt D.R., Schumann D., Swetz D.S., Talip Z., Ullom J.N., Vale L.R. [Most stringent bound on electron neutrino mass obtained with a scalable low-temperature microcalorimeter array](#)
Physical Review Letters **135**, 141801-1-141801-9 (2025)

Alshemi A., Forgan E.M., Hiess A., Cubitt R., White J.S., Schmalzl K., Blackburn E. [Two characteristic contributions to the superconducting state of 2H-NbSe₂](#)
Physical Review Letters **134**, 116001-1-116001-8 (2025)

Alvarado Galindo F. [Formation of liposomes: shining light and neutrons on a relevant industrial process](#)

PhD Thesis: Mathematik und Naturwissenschaften der Technischen Universität, Berlin, Germany (2025)

Alvarado Galindo F., Venzmer J., Mahmoudi N., Gradzielski M., Hoffmann I. [Increased water presence in phospholipid fluid bilayers upon addition of lysolipids](#)
Soft Matter **21**, 3117-3124 (2025)

Alvarez-Fernandez A., Pawar N., Sánchez-Puga P., Zaccai N.R., Maestro A. [Peptide-guided self-assembly: Fabrication of tailored spiral-like nanostructures for precise inorganic templating](#)
Advanced Functional Materials **35**, 2411061-1-2411061-10 (2025)

Alvarez-Rodriguez P., Mendez-Malagon C., Porrás-Quesada M., Pedrosa-Rivera M., Koester U., Porrás I., Praena J., Estrada R., Pérez-Fuentes L., Osorio-Ceballos J.L., Ruiz-Ruiz C., Sancey L., Ruiz-Magaña M.J. [Comparison of the biological response of a head and neck carcinoma and a glioblastoma cell line under neutron irradiation with BPA administration](#)
Biology **14**, 1252-1-1252-13 (2025)

Amayuelas E., Sharma S.K., Mor J., Bartolome L., Johnson L.J.W., Caporale D., Le Donne A., Sigolo G., Scheller L., Cristiglio V., Zajdel P., Meloni S., Grosu Y. [Effect of linker hybridization on the wetting of hydrophobic metal-organic frameworks](#)
Microporous and Mesoporous Materials **383**, 113423-1-113423-7 (2025)

Anderson Z.W., Tang Y., Nagarajan V., Chan M.K., Dorow C.J., Yu G., Abernathy D.L., Christianson A.D., Mangin-Thro L., Steffens P., Sterling T., Reznik D., Bounoua D., Sidis Y., Bourges P., Greven M. [Gapped commensurate antiferromagnetic response in a strongly underdoped model cuprate superconductor](#)
npj Quantum Materials **10**, 93-1-93-9 (2025)

Andreyev A.N., Barzakh A., Seliverstov M.D., Yue Z., Liu M., Yuan C., Algora A., Andel B., Antalic S., Al Monthery M., Atanasov D., Benito J., Benzoni G., Berry T., Bissell M.L., Blaum K., Borge M.J.G., Chrysalidis K., Clisu C., Cocolios T.E., Costache C., Cubiss J.G., Day Goodacre T., Farooq-Smith G.J., Fedorov D.V., Fedosseev V.N., Fraile L.M., Fynbo H.O.U., Gadelshin V., Gaffney L.P., Ruiz R.F.G., Granados C., Greenlees P.T., Harding R.D., Harkness-Brennan L.J., Heinke R., Herlert A., Huyse M., Illana A., Jolie J., Judson D.S., Karls J., Konki J., Larmonier P., Lazarus I., Leimbach D., Liča R., Liu Z., Lunney D., Lynch K.M., Madurga M., Manea V., Mărginean N., Mărginean R., Marsh B.A., Mihai C., Molkanov P., Mosat P., Mougeot M., Murias J.R., Nacher E., Negret A., Neidherr D., Nies L., Page R.D., Pascu S., Perea A., Pucknell V., Rahkila P., Raison C., Rapisarda E., Rezyunkina K., Rosenbush M., Rossel R.E., Rothe S., Sánchez-Tembleque V., Schomacker K., Schweikhard L., Seiffert C., Sels S., Sotty C., Stan L., Stryczyk M., Studer D., Sundberg J., Sürder C., Tengblad O., Van Duppen P., Vedia V., Verlinde M., Viñals S., Warr N., Welker A., Wienholtz F., Wolf R.N. [Electromagnetic moments of \$^{215,217}\text{Bi}\$: Probing shell evolution beyond \$N=126\$](#)
Physics Letters B **871**, 140013-1-140013-9 (2025)

Andriambariarijaona L., Poreba T., Di Cataldo S., Gaál R., Ranieri U., Santoro M., Hansen T.C., Mezouar M., Tobie G., Bove L.E. [Hydrogen hydrates under extreme conditions: Insights into high-pressure phases and implications for planetary interiors](#)
Physical Review B **111**, 214109-1-214109-11 (2025)

Andriushin N.D., Grumbach J., Kulbakov A.A., Tymoshenko Y.V., Onykienko Y.A., Firouzmandi R., Cheng E., Granovsky S., Skourski Y., Ollivier J., Walker H.C., Kocsis V., Büchner B., Keimer B., Doerr M., Inosov D.S., Peets D.C. [Anomalous quasielastic scattering contribution in the centrosymmetric multi-q helimagnet SrFeO₃](#)
Physical Review X **15**, 011038-1-011038-5 (2025)

Annamalaisamy G.P., Lyczko M., Bilewicz A. [The radioactive ¹⁰³Pd and ¹⁰⁹Pd palladium bipyridyl-bisphosphonate complexes for radionuclide therapy of bone metastatic tumor cells](#)
RSC Advances **15**, 18501-18511 (2025)

Apostolides D.E., Michael G., Andronikou K., Patrickios C.S., Pasztor S., Szarka G., Petroczy A., Ivan B., Sakai T., Prévost S., Tsalikis D.G., Gradzielski M. [Synthesis of highly ordered amphiphilic polymer conetwork hydrogels via the topologically precise interconnection of two highly incompatible polymers](#)
Chemistry of Materials **37**, 5515-5528 (2025)

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Gels **11**, 331-1-331-12 (2025)

Arbe A., Arrese-Igor S., Ruiz-Martín M.D., Farago B., Alvarez F., Nilsen G.J., Colmenero J. [Mesoscopic dynamics in molecular liquids: Universality of nondispersive structural mode and its reflection in self-atomic motions](#)
Physical Review Letters **134**, 098001-1-098001-5 (2025)

Arellano H., Swebocki T., Le Coeur C., Prévost S., Abdallah M., Nardello-Rataj V., Fameau A.L. [Influence of critical micelle concentration of choline-based long chain fatty acid soaps on their antibacterial activity against *Methicillin resistant Staphylococcus aureus*](#)
Journal of Colloid and Interface Science **677**, 314-323 (2025)

Argyri S.M., Almeida M., Cousin F., Evenäs L., Fameau A.L., Le Coeur C., Bordes R. [CO₂ induced phase transition on a self-standing droplet studied by X-ray scattering and magnetic resonance](#)
Journal of Colloid and Interface Science **678**, 1181-1191 (2025)

Arrese-Igor S., Colmenero J., Allgaier J., Ruiz-Martín M.D., Farago B., Arbe A. [Exploring the structural relaxation in 2-ethyl-1-hexanol by neutron spin echo: from intermolecular and supramolecular correlations to long-range density fluctuations](#)
Journal of Molecular Liquids **438**, 128600-1-128600-12 (2025)

Artal R., Andersen H.L., Del Olmo R., Villaluenga I., Sobrados I., Díez-Gómez V., Gainza J., Fernández-Díaz M.T., Alonso J.A., Jiménez R., Aguadero A. [Cation disorder and lithium conductivity in mechanochemically synthesized chloride solid electrolytes](#)
Solid State Ionics **428**, 116952-1-116952-15 (2025)

Au M., Nies L., Stegemann S., Athanasakis-Kaklamanakis M., Cocolios T.E., Fischer P., Giesel P.F., Johnson J.D., Köster U., Lange D., Mougeot M., Reilly J., Schlaich M.,

- Schweiger C., Schweikhard L., Wienholtz F., Wojtaczka W., Düllmann C.E., Rothe S. [Production and purification of molecular \$^{225}\text{Ac}\$ at CERN-ISOLDE](#)
Journal of Radioanalytical and Nuclear Chemistry **334**, 367-379 (2025)
- Azcondo M.T., Yuste M., Gómez-Pérez A., Ritter C., Noval Á.M., de Paz J.R., Boulahya K., García-Alvarado F., Amador U. [Structural, microstructural, and magnetic properties of Ce and Sr-co-substituted \$\(\text{La}_{2-x}\text{Vac}_x\)\text{NiTiO}_6\$ \(\$x = 0, 0.1\$ \) perovskites](#)
Journal of Physical Chemistry C **129**, 21183-21196 (2025)
- Babaei S., Coasne B., Ostadhassan M. [Adsorption-induced deformation in microporous kerogen by hydrogen and methane: Implications for underground hydrogen storage](#)
Langmuir **41**, 6364-6375 (2025)
- Baccile N., Vyas A., Ramanujam R., Hermida-Merino D., Hoffmann I., Porcar L., Parikh A.N. [Driving a stimuli-responsive wedge in the packing of phospholipid membranes using bolaamphiphile intercalants](#)
ACS Nano **19**, 32629-32642 (2025)
- Bag S., Malgope S., Gupta M.K., Mishra S.K., Mittal R., Rols S., Chaplot S.L. [Unraveling the interplay of spins, lattice, and pressure in \$\text{LuFeO}_3\$: Inelastic neutron scattering and *ab initio* simulations](#)
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- Baldesi L., Barlini S., Stefanini A., Camaiani A., Piantelli S., Casini G., Ciampi C., Cinausero M., Cicerchia M., Dell'Aquila D., Domenichetti L., Fabris D., Frosin C., Gozzelino A., Lombardo I., Marchi T., Moretto S., Mengarelli A., Olmi A., Pasquali G., Scomparin L., Valdré S., Vanzan E. [Comparison of \$^{18}\text{O} + ^{12}\text{C}\$ at 16.7 MeV/nucleon reaction with the AMD+GEMINI++ model](#)
EPJ Web of Conferences **324**, 00014-1-00014-4 (2025)
- Baldesi L., Barlini S., Stefanini A.A., Camaiani A., Piantelli S., Casini G., Ciampi C., Cinausero M., Cicerchia M., Dell'Aquila D., Domenichetti L., Fabris D., Frosin C., Gozzelino A., Lombardo I., Marchi T., Moretto S., Mengarelli A., Olmi A., Pasquali G., Scomparin L., Valdré S., Vanzan E. [Performance of the AMD model for the low-energy reaction \$^{18}\text{O} + ^{12}\text{C}\$ at 16.7 MeV/nucleon](#)
Il Nuovo Cimento C **48C**, 69-1-69-4 (2025)
- Ballu Y.M. [De la spectroscopie gamma à la mesure du spectre bêta : une approche intégrée de la décroissance des fragments de fission](#)
PhD Thesis: Université Paris-Saclay, CEA, France (2025)
- Bange L., Rahimzadeh A., Mukhina T., von Klitzing R., Hoffmann I., Schneck E. [Small-angle and quasi-elastic neutron scattering from polydisperse oligolamellar vesicles containing glycolipids](#)
Journal of Physical Chemistry Letters **16**, 1327-1335 (2025)
- Banks H., Beck C., Buchholz C., Christmann S., Surfaro F., Gerlach A., Schreiber F. [Solvent isotope effects in protein adsorption and crystallization](#)
Crystal Growth & Design **25**, 5174-5182 (2025)

Baral P.R., Ukleev V., Zivkovic I., Lee Y., Orlandi F., Manuel P., Skourski Y., Keller L., Stunault A., Rodríguez-Velamazán J.A., Cubitt R., Magrez A., White J.S., Mazin I.I., Zaharko O. [Fluctuation-driven topological Hall effect in room-temperature itinerant helimagnet Fe₃Ga₄](#) Nature Communications **16**, 3898-1-3898-9 (2025)

Barletti B., Paracini N., Fragneto G., Alcaraz J.P., Nelson A., Vilgrain I., Martin D.K., Maccarini M. [Glycation enhances protein association with lipid bilayer membranes](#) Langmuir **41**, 31169-31178 (2025)

Barzakh A., Andreyev A.N., Yue Z., Nies L., Seliverstov M.D., Cubiss J.G., Algora A., Andel B., Antalic S., Al Montheyry M., Atanasov D., Benito J., Benzoni G., Berry T., Bissell M.L., Blaum K., Borge M.J.G., Chrysalidis K., Clisu C., Cocolios T.E., Costache C., Goodacre T.D., Farooq-Smith G.J., Fedorov D.V., Fedosseev V.N., Fraile L.M., Fynbo H.O.U., Gadelshin V., Gaffney L.P., Garcia Ruiz R.F., Granados C., Greenlees P.T., Harding R.D., Harkness-Brennan L.J., Heinke R., Herlert A., Huysse M., Illana A., Jolie J., Judson D.S., Karls J., Konki J., Larmonier P., Lazarus I., Leimbach D., Liča R., Liu Z., Lunney D., Lynch K.M., Madurga M., Manea V., Mărginean N., Mărginean R., Marsh B.A., Mihai C., Molkanov P., Mosat P., Mougeot M., Murias J.R., Nacher E., Negret A., Neidherr D., Page R.D., Pascu S., Perea A., Pucknell V., Rahkila P., Raison C., Rapisarda E., Rezyunkina K., Rosenbush M., Rossel R.E., Rothe S., Sánchez-Tembleque V., Schomacker K., Schweikhard L., Seiffert C., Sels S., Sotty C., Stan L., Stryjczyk M., Studer D., Sundberg J., Sürder C., Tengblad O., Van Duppen P., Vedia V., Verlinde M., Viñals S., Warr N., Welker A., Wienholtz F., Wolf R.N. [Charge radii and electromagnetic moments of ²¹⁴⁻²¹⁸Bi: Exploring the “southern” border of the Z>82 octupole-deformation region](#) Physical Review C **112**, 034304-1-034304-10 (2025)

Bassey E.N., Lawrence E.A., Korjus O., Suard E., Van der Ven A., Clement R.J. [Structural complexity in a highly reversible “anion-redox” cathode](#) Journal of Materials Chemistry A **13**, 19390-19407 (2025)

Bassil J., Kamal M.A.M., Gabelmann A., Christoulaki A., Koch M., Hamed M.M., Loretz B., Gallei M., Buhler E., Lehr C.M., Hirsch A.K.H., Lee S. [Direct monitoring of intracellular polymer degradation via BODIPY dynamic dequenching](#) Materials & Design **256**, 114240-1-114240-14 (2025)

Bathke E.K., Prévost S., Herranz-Trillo F., Sarkar S., Deeming L., Kakadiya R., Kroon M., Bowron D.T., Edler K.J. [Cationic and nonionic surfactant micelles in a halogen-free carboxylic acid-based deep eutectic solvent](#) Langmuir **41**, 12489-12498 (2025)

Batista M., Cozzolino S., Bergendal E., Vorobiev A., Fontaine P., Gutfreund P., Rutland M.W. [Nanodomains and the topography of water: An X-ray revelation of tuneable self-assembly in insoluble films](#) Journal of Colloid and Interface Science **688**, 469-477 (2025)

Battiston T., Comboni D., Lotti P., Chrappan-Soldavini B., Fabelo O., Cañadillas-Delgado L., Garbarino G., Liermann H.P., Gatta G.D. [Mesolite, \[Na₂Ca₂\(H₂O\)₈\]\[Al₆Si₉O₃₀\]: Crystal structure reinvestigation and pressure-mediated crystal-fluid interaction](#) Microporous and Mesoporous Materials **393**, 113643-1-113643-11 (2025)

Beck C., Mosca I., Miñarro L.M., Sohmen B., Buchholz C., Maier R., Reichart L., Grundel A.C., Bäuerle F., Nasro R., Banks H., Christmann S., Pastryk K.F., Farago B., Czakkel O., Prévost S., Gerlach A., Grimaldo M., Roosen-Runge F., Matsarskaia O., Schreiber F., Seydel T. [A multiscale *in situ* time-resolved study of the nano- to millisecond structural dynamics during protein crystallization](#)

Journal of Applied Crystallography **58**, 845-858 (2025)

Bekir M., Schenderlein M., Ruickoldt J., Wendler P., Kohlbrecher J., Hoffmann I., Reifarth M. [A photo-switchable surfactant possessing a spiropyran-moiety in its backbone – unravelling the structure of micelles with small-angle neutron scattering \(SANS\) and transmission electron microscopy \(TEM\)](#)

Chemical Communications **61**, 5585-5588 (2025)

Beleza A.A., Andrade L., Soares A.M.R., Padrón-Alemán K., Hernandez M.L. Arreguín, Arreguín-Hernández M.L., Abeykoon A.M.M., Evans J.S.O., Dos Santos A.M., Almeida R., Araújo J.P., Dempsey N., Amaral J.S., Álvarez-Alonso P., Sánchez Llamazares J.L., Belo J.H. [Magnetic and structural dynamics of first-order phase transition in giant magnetocaloric \$\text{Fe}_{49}\text{Rh}_{51}\$](#)

Journal of Alloys and Compounds **1049**, 185119-1-185119-11 (2025)

Berardi F., Nagle-Cocco L.A.V., Steele J.M.A., Zhang X., Liu C., Fischer H.E., Dutton S.E. [Structural phase transitions and magnetic characterization of \$\text{Ba}_2\text{GdNbO}_6\$ for low-temperature magnetocaloric refrigeration](#)

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Journal of Applied Crystallography **58**, 1688-1699 (2025)

Berlie A., Cavaye H., Peters J. [Exploring molecular motion through an order-disorder transition within the erythrosiderite mineral compound, \$\(\text{NH}_4\)_2 \[\text{FeCl}_5\(\text{H}_2\text{O}\)\]\$](#)

Journal of Physical Chemistry C **129**, 447-452 (2025)

Bersenev E.A., Gutfreund P., Rein V., Chumakov A.P., Konovalov O.V., Briscoe W.H. [Humidity-induced structural transformation in self-organized polymer-surfactant multilayer nanofilms](#)

Langmuir **41**, 29335-29345 (2025)

Biehl R., Kruteva M., Czakkel O., Hoffmann I., Richter D., Stadler A.M. [Diffusion, search and attack motions of antibodies](#)

Communications Biology **8**, 1461-1-1461-11 (2025)

Biniskos N., dos Santos F.J., Stekiel M., Schmalzl K., Ressouche E., Sviták D., Labh A., Valiska M., Marzari N., Cermak P. [Spin structures and phase diagrams of the spin- \$\frac{5}{2}\$ triangular lattice antiferromagnet \$\text{Na}_2\text{BaMn}\(\text{PO}_4\)_2\$ under magnetic field](#)

Physical Review B **112**, 174429-1-174429-10 (2025)

Biniskos N., Schmalzl K., Persson J., Raymond S. [Paramagnetic fluctuations of the magnetocaloric compound \$\text{MnFe}_4\text{Si}_3\$](#)

Physical Review B **111**, 054424-1-054424-10 (2025)

Blasco J., Cuartero V., Lafuerza S., Gracia D., Puente-Orench I., Rodríguez-Velamazán J.A., Herrero-Martín J., Torchio R., Mathon O., Subías G. [Exploring a route to induce ferromagnetism on Sr₃Sn₂O₇ by co-doping with non-Jahn-Teller-distorted Mn³⁺ and La³⁺ cations](#)

Journal of Alloys and Compounds **1048**, 185048-1-185048-9 (2025)

Blasco J., Cuartero V., Lafuerza S., Gracia D., Rodríguez-Velamazán J.A., Puente-Orench I., Subías G. [Exploring the magnetic percolation threshold in the improper ferroelectric Sr₃Sn₂O₇ upon Cr and Fe-doping](#)

Materials Research Bulletin **187**, 113385-1-113385-11 (2025)

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