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List of articles in journals

1. Porro A., Duguet T., Ebran J.P., Frosini M., Roth R., Somà V.
Ab initio description of monopole resonances in light- and medium-mass nuclei: I. Technical aspects and uncertainties of ab initio PGCM calculations
The European physical journal. A (2024), 60 (6), art. no. 133
DOI: 10.1140/epja/s10050-024-01340-4

2. Porro A., Duguet T., Ebran J.-P., Frosini M., Roth R., Somà V.
Ab initio description of monopole resonances in light- and medium-mass nuclei: II. Ab initio PGCM calculations in 46Ti, 28Si and 24Mg
The European physical journal. A (2024), 60 (6), art. no. 134
DOI: 10.1140/epja/s10050-024-01341-3

3. Porro A., Duguet T., Ebran J.-P., Frosini M., Roth R., Somà V.
Ab initio description of monopole resonances in light- and medium-mass nuclei: III. Moments evaluation in ab initio PGCM calculations
The European physical journal. A (2024), 60 (7), art. no. 155
DOI: 10.1140/epja/s10050-024-01377-5

4. Porro A., Duguet T., Ebran J.-P., Frosini M., Roth R., Somà V.
Ab initio description of monopole resonances in light- and medium-mass nuclei: IV. Angular momentum projection and rotation-vibration coupling
The European physical journal. A (2024), 60 (11), art. no. 233
DOI: 10.1140/epja/s10050-024-01448-7

5. Zeitler L., André K., Alberti A., Denby Wilkes C. , Soutourina J., Goldar A.
A genome-wide comprehensive analysis of nucleosome positioning in yeast
PLoS Computational Biology (2024), 20 (1), art no. e1011799
DOI: 10.1371/journal.pcbi.1011799

6. Assogba K., Allaire G., Bourhrara L.
Analysis of a Combined Spherical Harmonics and Discontinuous Galerkin Discretization for the Boltzmann Transport Equation
(2025), 25 (2), pp. 287 - 311
DOI: 10.1515/cmam-2024-0021

7. Zeitler L., Wilkes C.D., Goldar A., Soutourina J.
A quantitative modelling approach for DNA repair on a population scale
PLoS Computional Biology (2022), 18 (9), art. no. e1010488
DOI: 10.1371/journal.pcbi.1010488

8. G. Fausti, E. Tjhung, M. E. Cates, C. Nardini.
Capillary Interfacial Tension in Active Phase Separation.
Physical Review Letters, 2021, 127, art. no. 6
DOI: 10.1103/PhysRevLett.127.068001

9. Gunasekaran H., Azizi L., van Wassenhove V., Herbst S.K.

Characterizing endogenous delta oscillations in human MEG
Scientific Reports (2023), 13 (1), art. no. 11031
DOI: 10.1038/s41598-023-37514-1

10. Wang Y., Li K., Soisson F., Becquart C.S.
Combining DFT and CALPHAD for the development of on-lattice interaction models: The case of Fe-Ni system
Physical Review Materials (2020), 4 (11), art. no. 113801
DOI: 10.1103/PhysRevMaterials.4.113801

11. Cueto O., Trabelsi A., Cagli C., Cyrille M.C.
Coupling a phase field model with an electro-thermal solver to simulate PCM intermediate resistance states for neuromorphic computing
Solid-State Electronics (2023), 200, art. no. 108542
DOI: 10.1016/j.sse.2022.108542

12. Śliwowski M., Martin M., Souloumiac A., Blanchart P., Aksenova T.
Decoding ECoG signal into 3D hand translation using deep learning
Journal of Neural Engineering (2022), 19 (2), art. no. 026023
DOI: 10.1088/1741-2552/ac5d69

13. Daniel G., Yahiaoui M.-B., Comtat C., Jan S., Kochebina O., Martinez J.-M., Sergeyeva V., Sharyy V., Sung C.-H., Yvon D.
Deep learning reconstruction with uncertainty estimation for γ photon interaction in fast scintillator detectors
Engineering Applications of Artificial Intelligence (2024), 131, art. no. 107876
DOI: 10.1016/j.engappai.2024.107876

14. Simkina P.
Deep learning techniques for energy clustering in the CMS electromagnetic calorimeter
Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, (2023), 1049, art. no. 168082
DOI: 10.1016/j.nima.2023.168082

15. Scalesi A., Duguet T., Frosini M., Somà V.
Deformed natural orbitals for ab initio calculations
Phys. Rev. D (2025), 61 (1), art. no. 1
DOI: 10.1140/epja/s10050-024-01466-5

16. Sung C.-H., Cappellugola L., Follin M., Curtoni S., Dupont M., Morel C., Galindo-Tellez A., Chyzh R., Breton D., Maalmi J., Yvon D., Sharyy V.
Detailed simulation for the ClearMind prototype detection module and event reconstruction using artificial intelligence
Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment (2023), 1053, art. no. 168357
DOI: 10.1016/j.nima.2023.168357

17. Braccio S., Le Pierrès N., Tauveron N., Chandez B., Phan H.T.

Development of a cooling and power generation prototype integrating an axial micro-turbine in an absorption chiller
Applied Thermal Engineering (2023), 232, art. no. 121026
DOI: 10.1016/j.applthermaleng.2023.121026

18. Zhang X., Nikolayev V.S.
Dewetting acceleration by evaporation
Journal of Fluid Mechanics (2022), 948, art. no. A49
DOI: 10.1017/jfm.2022.725

19. Vojáček L., Chshiev M., Li J.
Domain Wall Migration-Mediated Ferroelectric Switching and Rashba Effect Tuning in GeTe Thin Films
ACS Applied Electronic Materials (2024), 6 (5), pp. 3754 - 3758
DOI: 10.1021/acsaelm.4c00392

20. Grangeat P., Duval Comsa M.-P., Koenig A., Phlypo R.
Dynamic Modeling of Carbon Dioxide Transport through the Skin Using a Capnometry Wristband
Sensors (2023), 23 (13), art. no. 6096
DOI: 10.3390/s23136096

21. Gondová A., Neumane S., Arichi T., Dubois J.
Early Development and Co-Evolution of Microstructural and Functional Brain Connectomes: A Multi-Modal MRI Study in Preterm and Full-Term Infants
Human Brain Mapping (2025), 46 (5), art. no. e70186
DOI: 10.1002/hbm.70186

22. Neumane S., Gondova A., Leprince Y., Hertz-Pannier L., Arichi T., Dubois J.
Early structural connectivity within the sensorimotor network: Deviations related to prematurity and association to neurodevelopmental outcome
Frontiers in Neuroscience (2022), 16, art. no. 932386
DOI: 10.3389/fnins.2022.932386

23. Quadri V., Tamain P., Marandet Y., Bufferand H., Rivals N., Ciraolo G., Falchetto G.L., Düll R., Sureshkumar S., Varadarajan N., Yang H., Reimerdes H., Oliveira D.S., Mancini D.
Edge plasma turbulence simulations in detached regimes with the SOLEDGE3X code
Nuclear Materials and Energy (2024), 41, art. no. 101756
DOI: 10.1016/j.nme.2024.101756

24. Nguyen H.C., Tran Q.T., Besanger Y.
Effectiveness of BESS in Improving Frequency Stability of an Island Grid
IEEE Transactions on Industry Applications (2024), 60 (6), pp. 8203 - 8212
DOI: 10.1109/TIA.2024.3443241

25. Li K., Fu C.-C., Schneider A.
Effects of magnetic excitations and transitions on vacancy formation: Cases of fcc Fe and Ni compared to bcc Fe
Phys. Rev. B (2021), 104 (10), art. no. 104406

DOI: 10.1103/PhysRevB.104.104406

26. Marini S., Grech M., Kleij P.S., Raynaud M., Riconda C.
Electron acceleration by laser plasma wedge interaction
Physical Review Research (2023), 5 (1), art. no. 013115
DOI: 10.1103/PhysRevResearch.5.013115

27. Braccio S., Phan H.T., Tauveron N., Le Pierrès N., Arteconi A.
Energy, exergy and exergoeconomic analysis and optimisation of the scale-up of a combined ammonia-water absorption pilot plant producing electricity and refrigeration
Energy Conversion and Management (2023), 278, art. no. 116686
DOI: 10.1016/j.enconman.2023.116686

28. Guillet Q., Vojáček L., Dosenovic D., Ibrahim F., Boukari H., Li J., Choueikani F., Ohresser P., Ouerghi A., Mesple F., Renard V., Jacquot J.-F., Jalabert D., Okuno H., Chshiev M., Vergnaud C., Bonell F., Marty A., Jamet M.
Epitaxial van der Waals heterostructures of Cr2 Te3 on two-dimensional materials
Physical Review Materials (2023), 7 (5), art. no. 054005
DOI: 10.1103/PhysRevMaterials.7.054005

29. Wittig S., Berchet A., Pison I., Saunois M., Thanwerdas J., Martinez A., Paris J.-D., Machida T., Sasakawa M., Worthy D.E.J., Lan X., Thompson R.L., Sollum E., Arshinov M.
Estimating methane emissions in the Arctic nations using surface observations from 2008 to 2019
Atmospheric Chemistry and Physics (2023), 23 (11), pp. 6457 - 6485
DOI: 10.5194/acp-23-6457-2023

30. Scalesi A., Barbieri C., Vigezzi E.
Expansion of one-, two- and three-body matrix elements on a generic spherical basis for nuclear ab initio calculations
Annals of Physics (2024), 467, art. no. 169688
DOI: 10.1016/j.aop.2024.169688

31. Vojáček L., Medina Dueñas J., Li J., Ibrahim F., Manchon A., Roche S., Chshiev M., García J.H.
Field-Free Spin-Orbit Torque Switching in Janus Chromium Dichalcogenides
Nano Letters (2024), 24 (38), pp. 11889 - 11894
DOI: 10.1021/acs.nanolett.4c03029

32. Galazo García R., Brax P., Valageas P.
Formation of solitons and their transitions in scalar-field dark matter models with a nonpolynomial self-interaction potential
(2025), 111 (6), art. no. 063511
DOI: 10.1103/PhysRevD.111.063511

33. André K.M., Giordanengo Aiach N., Martinez-Fernandez V., Zeitler L., Alberti A., Goldar A., Werner M., Denby Wilkes C., Soutourina J.
Functional interplay between Mediator and RSC chromatin remodeling complex controls nucleosome-depleted region maintenance at promoters

Cell Reports (2023), 42 (5), art. no. 112465
DOI: 10.1016/j.celrep.2023.112465

34. Granados G.E., Gatti F., Miorelli R., Robert S., Clouteau D.
Generative domain-adapted adversarial auto-encoder model for enhanced ultrasonic imaging applications
IUTAM Symposium (2024), 148, art. no. 103234
DOI: 10.1016/j.ndteint.2024.103234

35. Li K., Fu C.-C.
Ground-state properties and lattice-vibration effects of disordered Fe-Ni systems for phase stability predictions
Phys. Rev. Mat. (2020), 4 (2), art. no. 023606
DOI: 10.1103/PhysRevMaterials.4.023606

36. Amor Z., Le Ster C., Chaithya G.R., Daval-Frérot G., Boulant N., Mauconduit F., Thirion B., Ciuciu P., Vignaud A.
Impact of B0 field imperfections correction on BOLD sensitivity in 3D-SPARKLING fMRI data
Magnetic Resonance in Medicine (2024), 91 (4), pp. 1434 - 1448
DOI: 10.1002/mrm.29943

37. Scalesi A., Duguet T., Demol P., Frosini M., Somà V., Tichai A.
Impact of correlations on nuclear binding energies: Ab initio calculations of singly and doubly open-shell nuclei
The European Physical Journal A (2024), 60 (10), art. no. 209
DOI: 10.1140/epja/s10050-024-01424-1

38. Śliwowski M., Martin M., Souloumiac A., Blanchart P., Aksenova T.
Impact of dataset size and long-term ECoG-based BCI usage on deep learning decoders performance
Frontiers in Human Neuroscience (2023), 17, art. no. 1111645
DOI: 10.3389/fnhum.2023.1111645

39. Porro A., Somà V., Tichai A., Duguet T.
Importance truncation in non-perturbative many-body techniques: Gorkov self-consistent Green's function calculations
Eur.Phys.J.A (2021), 57 (10), art. no. 297
DOI: 10.1140/epja/s10050-021-00606-5

40. Giliyar Radhakrishna C., Daval-Frérot G., Massire A., Vignaud A., Ciuciu P.
Improving spreading projection algorithm for rapid k-space sampling trajectories through minimized off-resonance effects and gridding of low frequencies
Magnetic Resonance in Medicine (2023), 90 (3), pp. 1069 - 1085
DOI: 10.1002/mrm.29702

41. Besse M., Fausti G., Cates M.E., Delamotte B., Nardini C.
Interface Roughening in Nonequilibrium Phase-Separated Systems
Phys. Rev. Lett. (2023), 130 (18), art. no. 187102

DOI: 10.1103/PhysRevLett.130.187102

42. Radhakrishna C.G., Ciuciu P.
Jointly Learning Non-Cartesian k-Space Trajectories and Reconstruction Networks for 2D and 3D MR Imaging through Projection
Bioengineering (2023), 10 (2), art. no. 158
DOI: 10.3390/bioengineering10020158

43. Marini S., Kleij P.S., Amiranoff F., Grech M., Riconda C., Raynaud M.
Key parameters for surface plasma wave excitation in the ultra-high intensity regime
Physics of Plasmas (2021), 28 (7), art. no. 073104
DOI: 10.1063/5.0052599

44. Zhang X., Nikolayev V.S.
Liquid film dynamics with immobile contact line during meniscus oscillation
Journal of Fluid Mechanics (2021), 923, art. no. A4
DOI: 10.1017/jfm.2021.540

45. Simkina P.
Machine Learning Techniques for Calorimetry
Instruments (2022), 6 (4), art. no. 47
DOI: 10.3390/instruments6040047

46. Mirebeau I., Pierron-Bohnes V., Decorse C., Rivière E., Fu C.-C., Li K., Parette G., Martin N.
Magnetic and atomic short range order in Fe1-x Crx alloys
Phys. Rev. B (2019), 100 (22), art. no. 224406
DOI: 10.1103/PhysRevB.100.224406

47. Li K., Fu C.-C., Nastar M., Soisson F., Lavrentiev M.Y.
Magnetochemical effects on phase stability and vacancy formation in fcc Fe-Ni alloys
Applied Thermal Engineering (2022), 106 (2), art. no. 024106
DOI: 10.1103/PhysRevB.106.024106

48. Braccio S., Guillou N., Le Pierrès N., Tauveron N., Phan H.T.
Mass-flowrate-maximization thermodynamic model and simulation of supersonic real-gas ejectors used in refrigeration systems
Thermal Science and Engineering Progress (2023), 37, art. no. 101615
DOI: 10.1016/j.tsep.2022.101615

49. Schuler T., Camilos P., Magnifouet G., Soisson F., Meslin E., Vallet M., Pierron-Bohnes V., Nastar M.
Measuring interdiffusion coefficient from XRD spectra of thermally annealed superlattices: A combined modeling and experimental study in Fe–Cr nanometric multilayers
Acta Materialica (2025), 287, art. no. 120765
DOI: 10.1016/j.actamat.2025.120765

50. Tecchio C., Zhang X., Cariteau B., Zalczer G., Roca i Cabarrocas P., Bulkin P., Charliac J., Vassant S., Nikolayev V.S.

Microlayer in nucleate boiling seen as Landau–Levich film with dewetting and evaporation
Journal of Fluid Mechanics (2024), 989, art. no. A4
DOI: 10.1017/jfm.2024.488

51. Atintoh A., Kpobie W., Bonfoh N., Fendler M., Addiego F., Lipinski P.
Multiscale characterization of the mechanical behavior of a printed circuit board (PCB)
Materials Today Communications (2023), 34, art. no. 104968
DOI: 10.1016/j.mtcomm.2022.104968

52. Amor Z., Ciuciu P., Chaithya G.R., Daval-Frérot G., Mauconduit F., Thirion B., Vignaud A.
Non-Cartesian 3D-SPARKLING vs Cartesian 3D-EPI encoding schemes for functional Magnetic Resonance Imaging at 7 Tesla
PLOS ONE (2024), 19 (5), art. no. e0299925
DOI: 10.1371/journal.pone.0299925

53. Bourne E., Munschy Y., Grandgirard V., Mehrenberger M., Ghendrih P.
Non-uniform splines for semi-Lagrangian kinetic simulations of the plasma sheath
Journal of Computational Physics (2023), 488, art. no. 112229
DOI: 10.1016/j.jcp.2023.112229

54. Porro A., Duguet T.
On the off-diagonal Wick's theorem and Onishi formula: Alternative and consistent approach to off-diagonal operator and norm kernels
Eur.Phys.J.A (2022), 58 (10), art. no. 197
DOI: 10.1140/epja/s10050-022-00843-2

55. Chaithya G.R., Weiss P., Daval-Frerot G., Massire A., Vignaud A., Ciuciu P.
Optimizing Full 3D SPARKLING Trajectories for High-Resolution Magnetic Resonance Imaging
(2022), 41 (8), pp. 2105 - 2117
DOI: 10.1109/TMI.2022.3157269

56. Braccio S., Di Nardo A., Calchetti G., Phan H.T., Le Pierrès N., Tauveron N.
Performance evaluation of a micro partial admission impulse axial turbine in a combined ammonia-water cooling and electricity absorption cycle
Energy (2023), 278, art. no. 127838
DOI: 10.1016/j.energy.2023.127838

57. Kleij P.S., Marini S., Caetano de Sousa M., Grech M., Riconda C., Raynaud M.
Photon emission and radiation reaction effects in surface plasma waves in ultra-high intensities
Physics of Plasmas (2024), 31 (7), art. no. 072111
DOI: 10.1063/5.0209316

58. Zhang X., Nikolayev V.S.
Physics and modeling of liquid films in pulsating heat pipes
Physical Review Fluids (2023), 8 (8), art. no. 084002

DOI: 10.1103/PhysRevFluids.8.084002

59. Li K., Fu C.-C., Nastar M., Soisson F.
Predicting atomic diffusion in concentrated magnetic alloys: The case of paramagnetic Fe-Ni
Phys. Rev. B (2023), 107 (9), art. no. 094103
DOI: 10.1103/PhysRevB.107.094103

60. Tran V.-T., Fu C.-C., Li K.
Predicting magnetization of ferromagnetic binary Fe alloys from chemical short range order
Computational Materials Science (2020), 172, art. no. 109344
DOI: 10.1016/j.commatsci.2019.109344

61. Gondová A., Neumane S., Leprince Y., Mangin J.-F., Arichi T., Dubois J.
Predicting neurodevelopmental outcomes from neonatal cortical microstructure: A conceptual replication study
Neuroimage: Reports (2023), 3 (2), art. no. 100170
DOI: 10.1016/j.ynirp.2023.100170

62. Simkina P., Couderc F., Malclès J., Sahin M.Ö.
Reconstruction of electromagnetic showers in calorimeters using Deep Learning
The European Physical Journal C (2024), 84 (6), art. no. 639
DOI: 10.1140/epjc/s10052-024-12978-1

63. Lykiardopoulou E.M., Walls C., Bergmann J., Brodeur M., Brown C., Cardona J., Czihaly A., Dickel T., Duguet T., Ebran J.-P., Frosini M., Hockenbery Z., Holt J.D., Jacobs A., Kakkar S., Kootte B., Miyagi T., Mollaebrahimi A., Murboeck T., Navratil P., Otsuka T., Plaß W.R., Paul S., Porter W.S., Reiter M.P., Scalesi A., Scheidenberger C., Somà V., Shimizu N., Wang Y., Lunney D., Dilling J., Kwiatkowski A.A.
Refined Topology of the N=20 Island of Inversion with High Precision Mass Measurements of Na 31-33 and Mg 31-35
Phys. Rev. Lett. (2025), 134 (5), art. no. 052503
DOI: 10.1103/PhysRevLett.134.052503

64. Quadri V., Tamain P., Marandet Y., Bufferand H., Rivals N., Ciraolo G., Falchetto G., Düll R., Yang H.
Self-organization of plasma edge turbulence in interaction with recycling neutrals
Contributions to Plasma Physics (2024), 64 (7-8), art. no. e202300146
DOI: 10.1002/ctpp.202300146

65. Shi X.-Q., Fausti G., Chaté H., Nardini C., Solon A.
Self-Organized Critical Coexistence Phase in Repulsive Active Particles
Physical Review Letters (2020), 125 (16), art. no. 168001
DOI: 10.1103/PhysRevLett.125.168001

66. Braccio S., Phan H.T., Wirtz M., Tauveron N., Le Pierrès N.
Simulation of an ammonia-water absorption cycle using exchanger effectiveness
(2022), 213, art. no. 118712

DOI: 10.1016/j.applthermaleng.2022.118712

67. Galazo García R., Brax P., Valageas P.
Solitons and halos for self-interacting scalar dark matter
Physical Review D (2024), 109 (4), art. no. 043516
DOI: 10.1103/PhysRevD.109.043516

68. Bourne E., Leleux P., Kormann K., Kruse C., Grandgirard V., Güçlü Y., Kühn M.J., Rüde U., Sonnendrücker E., Zoni E.
Solver comparison for Poisson-like equations on tokamak geometries
Journal of Computational Physics (2023), 488, art. no. 112249
DOI: 10.1016/j.jcp.2023.112249

69. Fausti G., Cates M.E., Nardini C.
Statistical properties of microphase and bubbly phase-separated active fluids
Phys. Rev. E. (2024), 110 (4), art. no. L042103
DOI: 10.1103/PhysRevE.110.L042103

70. Haber M., Azaïs P., Genies S., Raccurt O.
Stress factor identification and Risk Probabilistic Number (RPN) analysis of Li-ion batteries based on worldwide electric vehicle usage
Applied Energy (2023), 343, art. no. 121250
DOI: 10.1016/j.apenergy.2023.121250

71. Wittig S., Berchet A., Pison I., Saunois M., Paris J.-D.
Surface networks in the Arctic may miss a future methane bomb
EGUsphere [preprint] (2024), 24 (10), pp. 6359 - 6373
DOI: 10.5194/acp-24-6359-2024

72. Porro A., Colò G., Duguet T., Gambacurta D., Somà V.
Symmetry-restored Skyrme-random-phase-approximation calculations of the monopole strength in deformed nuclei
Physical Review C (2024), 109 (4), art. no. 044315
DOI: 10.1103/PhysRevC.109.044315

73. Zhang X., Nikolayev V.S.
Time-averaged approach to the dewetting problem at evaporation
Europhysics Letters (2023), 142 (3), art. no. 33002
DOI: 10.1209/0295-5075/accec6

74. Simkina P.
The DAQ and clock distribution system of CMS MIP Timing Detector
Nucl. Instrum. Methods Phys. Res. A (2023), 1047, art. no. 167802
DOI: 10.1016/j.nima.2022.167802

75. Zeitler L., Goldar A., Wilkes C.D., Soutourina J.
The next-generation sequencing—chess problem
NAR Genomics and Bioinformatics (2024), 6 (4), art. no. lqae144
DOI: 10.1093/nargab/lqae144

76. El-Sahili A., Sottile F., Reining L.
Total Energy beyond GW: Exact Results and Guidelines for Approximations
Journal of Chemical Theory and Computation (2024), 20 (5), pp. 1972 - 1987
DOI: 10.1021/acs.jctc.3c01200

77. Granados G.E., Miorelli R., Gatti F., Robert S., Clouteau D.
Towards a multi-fidelity deep learning framework for a fast and realistic generation of ultrasonic multi-modal Total Focusing Method images in complex geometries
NDT & E International (2023), 139, art. no. 102906
DOI: 10.1016/j.ndteint.2023.102906

78. Hoang T.-K.-D., Quiquet A., Dumas C., Born A., Roche D.M.
Using a multi-layer snow model for transient paleo-studies: Surface mass balance evolution during the Last Interglacial
Climate of the Past (2025), 21 (1), pp. 27 - 51
DOI: 10.5194/cp-21-27-2025

79. Assogba K., Bourhrara L., Zmijarevic I., Allaire G., Galia A.
Spherical Harmonics and Discontinuous Galerkin Finite Element Methods for the Three-Dimensional Neutron Transport Equation: Application to Core and Lattice Calculation
Nuclear Science and Engineering (2023), 197 (8), pp. 1584 - 1599
DOI: 10.1080/00295639.2022.2154546

80. Galazo-García R., Brax P., Valageas P.
Self-similar solutions for fuzzy dark matter
Phys.Rev.D (2022), 105 (12), art. no. e123528
DOI: 10.1103/PhysRevD.105.123528

81. Marini S., Kleij P.S., Pisani F., Amiranoff F., Grech M., Macchi A., Raynaud M., Riconda C.
Ultrashort high energy electron bunches from tunable surface plasma waves driven with laser wavefront rotation
Phys. Rev. E (2021), 103 (2), art. no. L021201
DOI: 10.1103/PhysRevE.103.L021201