

Publicações de periódicos em 2019

PAIXAO, L. ; RANGEL, G. ; USUDA, E. ; IMAMURA, W. ; TEDESCO, J. ; PATINO, J. ; Gomes, A M ; CARVALHO, A. M. G. .

Magnetic and magnetocaloric properties of (Gd,Nd)₅Si₄ compounds.

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, v. 493, p. 165693, 2019.

SANTOS, ANTONIO C. F.; VASCONCELOS, DEBORA N. ; MACDONALD, MICHAEL A. ; SANT'ANNA, MARCELO M. ; TENÓRIO, BRUNO N. C. ; ROCHA, ALEXANDRE B. ; MORCELLE, VIVIANE ; APPATHURAI, NARAYAN ; ZUIN, LUCIA .

Experimental and theoretical results of resonant and normal Auger decay in dichloromethane.

EUROPEAN PHYSICAL JOURNAL D, v. 73, p. 1-6, 2019.

SOUSA, JOSENILTON NASCIMENTO ; RIBEIRO, LEONARDO C. ; ARRUDA, MANUELA SOUZA ; HOMEM, MANOEL ; TANAKA, HELDER KENJI ; CREDIDIO, BRUNO C. ; MARINHO, RICARDO R. T. ; MEDINA, ALINE ; PRAZERES, ITALO ; **SANTOS, ANTONIO C. F.** ; PRUDENTE, FREDERICO VASCONCELLOS .

Photoabsorption and Photoionization Cross Sections of Pyridine in the Vacuum-Ultraviolet Energy Range.

JOURNAL OF PHYSICAL CHEMISTRY A **JCR**, v. 123, p. acs.jpca.9b03778, 2019.

OLIVEIRA, VITOR ; HERBERT, ANDERSON ; SANTOS, ANTONIO C. F. ; T'KÉSI, KAROLY .

Electron capture and loss of O⁺ projectile in collision with water near the Bragg Peak Energies.

EUROPEAN PHYSICAL JOURNAL D, v. 73, p. 146, 2019.

A. C. F..

Revisiting the interaction of EUV photons and charged particles with dichloromethane and their role in the ozone depletion layer.

Ecology & Environmental Sciences, v. 4, p. 123, 2019.

VASCONCELOS, D.N. ; MACDONALD, M.A. ; TENÓRIO, B.N.C. ; SANT'ANNA, M.M. ; ROCHA, A.B.; MORCELLE, V. ; BONFIM, V.S. ; APPATHURAI, N. ; ZUIN, L. ; Santos, A.C.F. .

Inner-valence Auger decay in chloroform after Cl 2p ionization.

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, v. 461, p. 133-136, 2019.

MORAIS, RODRIGO FERNANDES ; **SANTOS, ANTONIO CARLOS FONTES DOS** .

A importância de um currículo com elementos afrocentrados para a constituição de uma visão epistemológica menos eurocentrada. Revista Exitus, v. 9, p. 66, 2019.

MORCELLE, VIVIANE ; MEDINA, ALINE ; RIBEIRO, LEONARDO C. ; PRAZERES, ITALO ; MARINHO, RICARDO R. T. ; ARRUDA, MANUELA SOUZA ; MENDES, LUIZ ANTONIO VIEIRA ; SANTOS, MABELE ; TENÓRIO, BRUNO N. C. ; ROCHA, A.B. ; BONFIM, V.S. ; DOS SANTOS, ANTONIO CARLOS FONTES .

Ionization and Fragmentation of a Global Warming

Gas by EUV and X-Ray Photons.

QUARKS: Brazilian Electronic Journal of Physics, Chemistry and Materials Science, v. 1, p. 11-17, 2019.

SANTOS, ANTONIO CARLOS DOS.

Dication Production by Photons and Charged Particles.

International Journal of Atomic and Nuclear Physics, v. 4, p. 1-6, 2019.

Santos, A C F.

Capital cultural e o ensino de física: Exemplos em ótica.

A Física na Escola (Online), v. 17, p. 30-34, 2019.

CONDE, J. B. M. ; SANTOS, ANTONIO C. F. .

Facilitando o ensino de física para surdos através da imagética: Um exemplo com oscilações. REVISTA CADERNOS DA EDUCAÇÃO BÁSICA, v. 4, p. 69-78, 2019.

JÚNIOR, FILOMENO S. DE AGUIAR ; SARAIVA, ANDRÉ ; SANTOS, MARCELO F. ; Koiller, Belita ; SOUZA, REINALDO DE MELO E ; PENA, ARTHUR PATROCÍNIO ; SILVA, RAIGNA A. ; MONKEN, CARLOS H. ; JORIO, ADO .

Stokes-anti-Stokes correlated photon properties akin to photonic Cooper pairs.

PHYSICAL REVIEW B, v. 99, p. 100503 1-100503 5, 2019.

DUSKO, AMINTOR ; Koiller, Belita ; LEWENKOPF, CAIO .

Disordered Si:P nanostructures as switches and wires for nanodevices.

PHYSICAL REVIEW B, v. 99, p. 205422, 2019.

DE AGUIAR JÚNIOR, FILOMENO S. ; MONKEN, CARLOS H. ; SANTOS, MARCELO F. ; DE MELO E SOUZA, REINALDO ; SARAIVA, ANDRÉ ; Koiller, Belita ; JORIO, ADO .

Physical Properties of Photonic Cooper Pairs Generated via Correlated Stokes-anti-Stokes Raman Scattering.

PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, v. 1900, p. 1900218-5, 2019.

WANG, YUJIANG ; NECUS, JOE ; RODRIGUEZ, LUIS PERAZA ; TAYLOR, PETER NEAL ; Mota, Bruno.

Human cortical folding across regions within individual brains follows universal scaling law.

Communications Biology, v. 2, p. 191, 2019.

Mota, Bruno; DOS SANTOS, SANDRA E. ; VENTURA-ANTUNES, LISSA ; JARDIM-MESSEDER, DÉBORA ; NEVES, KLEBER ; KAZU, RODRIGO S. ; NOCTOR, STEPHEN ; LAMBERT, KELLY ; BERTELSEN, MADS F. ; MANGER, PAUL R. ; SHERWOOD, CHET C. ; KAAS, JON H. ; Herculano-Houzel, Suzana .

White matter volume and white/gray matter ratio in mammalian species as a consequence of the universal scaling of cortical folding.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, v. 30, p. 201716956, 2019.

NEVES, KLEBER ; MENEZES GUIMARÃES, DANIEL ; RAYÊE, DANIELLE ; VALÉRIO-GOMES, BRUNA; MENESES IACK, PAMELA ; LENT, ROBERTO ; Mota, Bruno.

The reliability of the isotropic fractionator method for counting total cells and neurons. JOURNAL OF NEUROSCIENCE METHODS, v. 326, p. 108392, 2019.

Aab, A. Abreu, P. Aglietta, M. Albuquerque, I.F.M. ALBURY, J.M. Allekotte, I. Almela, A. CASTILLO, J. ALVAREZ Alvarez-Muñiz, J. ANASTASI, G.A. Anchordoqui, L. ANDRADA, B. Andringa, S. Aramo, C. Asorey, H. Assis, P. Avila, G. BADESCU, A.M. BAKALOVA, A. BALACEANU, A. BARBATO, F. LUZ, R.J. BARREIRA BAUR, S. BECKER, K.H. BELLIDO, J.A. , et al. ;

Measurement of the average shape of longitudinal profiles of cosmic-ray air showers at the Pierre Auger Observatory.

JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, v. 2019, p. 018-018, 2019.

Aab, A. Abreu, P. Aglietta, M. ALBUQUERQUE, I.F.M. ALBURY, J.M. Allekotte, I. Almela, A. Alvarez Castillo, J. Alvarez-Muñiz, J. ANASTASI, G.A. Anchordoqui, L. ANDRADA, B. Andringa, S. Aramo, C. Asorey, H. Assis, P. Avila, G. BADESCU, A.M. BAKALOVA, A. BALACEANU, A. BARBATO, F. BARREIRA LUZ, R.J. BAUR, S. BECKER, K.H. BELLIDO, J.A. , et al. ;

Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory.

PHYSICAL REVIEW D, v. 100, p. 082003, 2019.

Aab, A. Abreu, P. Aglietta, M. ALBUQUERQUE, I.F.M. ALBURY, J.M. Allekotte, I. Almela, A. CASTILLO, J. ALVAREZ Alvarez-Muñiz, J. ANASTASI, G.A. Anchordoqui, L. ANDRADA, B. Andringa, S. Aramo, C. Asorey, H. Assis, P. Avila, G. BADESCU, A.M. BAKALOVA, A. BALACEANU, A. BARBATO, F. LUZ, R.J. BARREIRA BAUR, S. BECKER, K.H. BELLIDO, J.A. , et al. ;

Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory.

JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, v. 2019, p. 004-004, 2019.

AAB, A. Abreu, P. AGLIETTA, M. Albuquerque, I.F.M. ALBURY, J.M. ALLEKOTTE, I. Almela, A. CASTILLO, J. ALVAREZ Alvarez-Muñiz, J. ANASTASI, G.A. Anchordoqui, L. ANDRADA, B. ANDRINGA, S. ARAMO, C.

ASOREY, H. ASSIS, P. Avila, G. BADESCU, A.M. BAKALOVA, A. BALACEANU, A. BARBATO, F. LUZ, R.J. BARREIRA BAUR, S. BECKER, K.H. BELLIDO, J.A. , et al. ; Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS, v. 2019, p. 022-022, 2019.

AGUILAR-AREVALO, ALEXIS BERTOU, XAVIER BONIFAZI, Carla CANCELO, GUSTAVO CASTAÑEDA, ALEJANDRO CERVANTES VERGARA, BRENDA CHAVEZ, CLAUDIO D'OLIVO, JUAN C. DOS ANJOS, JOÃO C. ESTRADA, JUAN FERNANDES NETO, ALDO R. FERNANDEZ MORONI, GUILLERMO FOGUEL, ANA FORD, RICHARD GONZALEZ CUEVAS, JUAN HERNÁNDEZ, PAMELA HERNANDEZ, SUSANA IZRAELEVITCH, FEDERICO KAVNER, ALEXANDER R. KILMINSTER, BEN KUK, KEVIN LIMA, H.'P. MAKLER, MARTIN MOLINA, JORGE MOTA, PHILIPPE , et al. ;
Exploring low-energy neutrino physics with the Coherent Neutrino Nucleus Interaction Experiment. PHYSICAL REVIEW D, v. 100, p. 092005, 2019.

ACOSTA-DIAZ, R ; KREIN, G ; SALDIVAR, A ; Svaiter, N F ; ZARRO, C A D .
Disordered Bose-Einstein condensate in hard walls trap.
Journal of Physics A-Mathematical and Theoretical, v. 52, p. 445401, 2019.

MUNIZ, Y. ; FONSECA, ANDERSON JOSÉ ; Farina, C. .
Electrostatic and magnetostatic fields of point dipoles revisited.
REV MEX FIS E, v. 65, p. 71-76, 2019.

SZILARD, D. ; Kort-Kamp, W. J. M. ; ROSA, F. S. S. ; PINHEIRO, F. A. ; Farina, C. .
Hysteresis in the spontaneous emission induced by VO₂ phase change.
JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, v. 36, p. C46, 2019.

COELHO, V. A.; ROSA, F. S. S.; MELO E SOUZA, REINALDO DE; Farina, C. ; COUGO-PINTO, M. V..
An Integrodifferential Equation for Electromagnetic Fields in Linear Dispersive Media. BRAZILIAN JOURNAL OF PHYSICS, v. 49, p. 734-737, 2019.

MUNIZ, Y. ; DA ROSA, F. S. S. ; Farina, C. ; SZILARD, D. ; Kort-Kamp, W. J. M. .
Quantum two-photon emission in a photonic cavity.
PHYSICAL REVIEW A, v. 100, p. 023818-1-023818-9, 2019.

SILVESTRE, MARCIUS ; CYSNE, TARIK P. ; SZILARD, DANIELA ; PINHEIRO, FELIPE A. ; FARINA, CARLOS .
Tuning quantum reflection in graphene with an external magnetic field.
PHYSICAL REVIEW A, v. 100, p. 033605-1-033605-8, 2019.

HIPPERT, MAURÍCIO ; SCHMITT, ANDREAS .
Surface tension of dense matter at the chiral phase transition.
PHYSICAL REVIEW D, v. 99, p. 014046, 2019.

JIMÉNEZ, JOSÉ C. ; Fraga, Eduardo S. .
Radial oscillations of quark stars from perturbative QCD.
PHYSICAL REVIEW D, v. 100, p. 114041, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. AMATO, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. APPLEBY, R.'B. Archilli, F. , et al. ;
Observation of Two Resonances in the $B^0 \rightarrow \pi^{\pm} \pi^{\mp}$ Systems and Precise Measurement of $\langle \alpha_s \rangle$. PHYSICAL REVIEW LETTERS, v. 122, p. 012001, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.'A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.'A. AMATO, S. AMERIO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. ARCHILLI, F. D'ARGENT, P. , et al. ; Measurement of the Charm-Mixing Parameter.
PHYSICAL REVIEW LETTERS, v. 122, p. 011802, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A. A. AMATO, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. D'ARGENT, P. , et al. ;
Dalitz plot analysis of the $D^+ \rightarrow K^- K^+ K^+$ decay.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 063-093, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A. A. AMATO, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. APPLEBY, R. B. Archilli, F. , et al. ;
Measurement of the branching fractions of the decays $D^+ \rightarrow K^- K^+ K^+$, $D^+ \rightarrow \pi^- \pi^+ K^+$ and $D^0 \rightarrow \pi^- K^+ K^+$.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 176, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. AMATO, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. ARNAU ROMEU, J. , et al. ;
Observation of C P Violation in Charm Decays.
PHYSICAL REVIEW LETTERS, v. 122, p. 211813-1-211813-12, 2019.

Aaij, R. ABELLÁN BETETA, C. ACKERNLEY, T. Adeva, B. Adinolfi, M. AFSHARNIA, H. AIDALA, C.'A. AIOLA, S. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ARCHILLI, F. , et al. ;
Measurement of the B c – meson production fraction and asymmetry in 7 and 13 TeV p p collisions.
PHYSICAL REVIEW D, v. 100, p. 112006, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C. A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A. A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
A search for $\Xi_{cc}^{\pm} \rightarrow D + p K - \pi^{\pm}$ decays.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 124, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C. A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A. A. AMATO, S. AMERIO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. ARCHILLI, F. ARNAU ROMEU, J. , et al. ; Amplitude analysis of $B^0 \rightarrow K^0 S K^{\pm} \pi^{\mp}$ decays.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 114, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.'A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.'A. AMATO, S. AMERIO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. ARCHILLI, F. ARNAU ROMEU, J. , et al. ; Amplitude Analysis of $B^{\pm} \rightarrow \pi^{\pm} K + K^{\pm}$.
PHYSICAL REVIEW LETTERS, v. 123, p. 231802, 2019.

AAIJ, R. ADEVA, B. ADINOLFI, M. AJALTOUNI, Z. AKAR, S. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALI, S. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A. A. AMATO, S. AMERIO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. APPLEBY, R. B. ARCHILLI, F. D'ARGENT, P. ARNAU ROMEU, J. , et al. ;

Erratum to: Measurement of Υ production in pp collisions at $\sqrt{s} = 13$ TeV.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 76, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.'A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.'A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
First Observation of the Radiative Decay - $b \rightarrow \gamma$.
PHYSICAL REVIEW LETTERS, v. 123, p. 031801, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.'A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.'A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
Measurement of Charged Hadron Production in Z -Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV .
PHYSICAL REVIEW LETTERS, v. 123, p. 232001, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C. A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A. A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B_0 \rightarrow \phi \phi$ decay.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 155, 2019.

ARRAIS, ERIC G. ; WISNIACKI, DIEGO A. ; RONCAGLIA, AUGUSTO J. ; TOSCANO, FABRICIO .
Work statistics for sudden quenches in interacting quantum many-body systems.
PHYSICAL REVIEW E, v. 100, p. 052136-1-052136-12, 2019.

SGRIGNUOLI, F. ; WANG, R. ; Pinheiro, F. A. ; DAL NEGRO, L. .
Localization of scattering resonances in aperiodic Vogel spirals.
PHYSICAL REVIEW B, v. 99, p. 104202, 2019.

D'ANGELIS, F. M. ; Pinheiro, F. A. ; IMPENS, F. .
Decoherence and collective effects of quantum emitters near a medium at criticality.
PHYSICAL REVIEW B, v. 99, p. 195451, 2019.

SILVA NETO, M. B. ; Pinheiro, F. A. .

Controlling spontaneous emission via electronic correlations and temperature in transparent oxides.
PHYSICAL REVIEW B, v. 100, p. 235119, 2019.

MAIA NETO, PAULO A. ; ROSA, FELIPE S. S. ; PIRES, LUIS B. ; MORAES, ANNA B. ; CANAGUIER-DURAND, ANTOINE ; GUÉROUT, ROMAIN ; LAMBRECHT, ASTRID ; REYNAUD, SERGE .

Scattering theory of the screened Casimir interaction in electrolytes.
EUROPEAN PHYSICAL JOURNAL D, v. 73, p. 178, 2019.

DINIZ, RODRIGO COSTA; GONÇALVES, ALESSANDRO DA CRUZ; ROSA, FELIPE SIQUEIRA DE SOUZA DA.
Adjusted mean generation time parameter in the neutron point kinetics equations.
ANNALS OF NUCLEAR ENERGY, v. 133, p. 338-346, 2019.

TEIXEIRA, WALLACE S. ; Nicacio, Fernando ; SEMIÃO, FERNANDO L. .

Inducing nontrivial qubit coherence through a controlled dispersive environment.
PHYSICAL REVIEW A, v. 99, p. 032102-1-032102-9, 2019.

Impens, François; Guéry-Odelin, David .

Fast quantum control in dissipative systems using dissipationless solutions.
Scientific Reports, v. 9, p. 4048, 2019.

AGUILAR, G. H; DE SOUZA, M. A.; GOMES, R. M.; THOMPSON, J.; GU, M.; CÉLERI, L. C; WALBORN, S. P..

Experimental investigation of linear-optics-based quantum target detection.
PHYSICAL REVIEW A, v. 99, p. 053813, 2019.

SCHAFFER, KATHRYN ; BARRETO LEMOS, GABRIELA .

Obliterating Thingness: An Introduction to the -What- and the -So What- of Quantum Physics.
Foundations of Science, v. 1, p. 1, 2019.

POLINO, EMANUELE ; AGRETI, IRIS ; PODERINI, DAVIDE ; CARVACHO, GONZALO ; MILANI, GIORGIO ; Lemos, Gabriela Barreto ; CHAVES, RAFAEL ; SCIARRINO, FABIO .

Device-independent test of a delayed choice experiment.
PHYSICAL REVIEW A, v. 100, p. 022111, 2019.

LAHIRI, MAYUKH ; HOCHRAINER, ARMIN ; LAPKIEWICZ, RADEK ; Lemos, Gabriela Barreto ; ZEILINGER, ANTON .

Nonclassicality of induced coherence without induced emission.
PHYSICAL REVIEW A, v. 100, p. 053839, 2019.

BRUNI, RODRIGO C. L. ; CAPOSSOLI, EDUARDO FOLCO ; Boschi-Filho, Henrique .
Quark-Antiquark Potential from a Deformed AdS/QCD.
Advances in High Energy Physics, v. 2019, p. 1-6, 2019.

RODRIGUES, DIEGO M. ; LI, DANNING ; FOLCO CAPOSSOLI, EDUARDO ; Boschi-Filho, Henrique.
Holographic description of chiral symmetry breaking in a magnetic field in 2+1 dimensions with an improved dilaton.
EPL (EUROPHYSICS LETTERS), v. 128, p. 61001, 2019.

AGUILAR-AREVALO, A. AMIDEI, D. BAXTER, D. CANCELO, G. CERVANTES VERGARA, B.'A. CHAVARRIA, A.'E. DARRAGH-FORD, E. DE MELLO NETO, J.'R.'T. D'OLIVO, J.'C. ESTRADA, J. GAÏOR, R. Guardincerri, Y. HOSSBACH, T.'W. KILMINSTER, B. LAWSON, I. LEE, S.'J. LETESSIER-SELVON, A. MATALON, A. MELLO, V.'B.'B. MITRA, P. MOLINA, J. PAUL, S. PIERS, A. PRIVITERA, P. RAMANATHAN, K. , et al. ;
Constraints on Light Dark Matter Particles Interacting with Electrons from DAMIC at SNOLAB.
PHYSICAL REVIEW LETTERS, v. 123, p. 181802, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Amplitude analysis of $B_s^0 \rightarrow -K^+ S^0 K^\pm \pi^-$ decays.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 114, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Amplitude analysis of the $B_s^0 \rightarrow K^+ K^0 K^- K^0$ decays and measurement of the branching fraction of the B_s^0 .
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 32, 2019.

Aaij, R. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Ali, S. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. APPLEBY, R.'B. Archilli, F. , et al. ;
First Measurement of Charm Production in its Fixed-Target Configuration at the LHC.
PHYSICAL REVIEW LETTERS, v. 122, p. 132002, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Measurement of B^+ , B^0 and B^- .
PHYSICAL REVIEW D, v. 99, p. 052011, 2019.

Aaij, R. BETETA, C. ABELLÁN Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALBERO, A. ALFONSO Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. D'ARGENT, P. , et al. ;
Measurement of the branching fraction and CP asymmetry in $B^+ \rightarrow J/\psi p^+$.
EUROPEAN PHYSICAL JOURNAL C, v. 79, p. 537, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. , et al. ;
Measurement of the mass and production rate of B^- baryons.
PHYSICAL REVIEW D, v. 99, p. 052006, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates.
PHYSICAL REVIEW LETTERS, v. 122, p. 231802, 2019.

Aaij, R. Adeva, B. Adinolfi, M. Ajaltouni, Z. AKAR, S. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Ali, S. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Appleby, R. B. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \psi(2S)^-$ and $B^0 \rightarrow J/\psi^-$.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 126, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES,

A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow J/\psi K^0$.
PHYSICAL REVIEW LETTERS, v. 122, p. 152002, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Near-threshold $D^0 \rightarrow \overline{D}^0 \psi$ spectroscopy and observation of a new charmonium state.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 35, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. ARNAU ROMEU, J. , et al. ;
Observation of a Narrow Pentaquark State, $P_c(4312)$.
PHYSICAL REVIEW LETTERS, v. 122, p. 222001, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. ARNAU ROMEU, J. , et al. ;
Observation of an Excited B_c^+ State.
PHYSICAL REVIEW LETTERS, v. 122, p. 232001, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Observation of $B(s^0)$.
PHYSICAL REVIEW LETTERS, v. 122, p. 191804, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. D'ARGENT, P. , et al. ;
Observation of the doubly Cabibbo-suppressed decay $c^+ \rightarrow p^-$.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 084, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+K^-\pi^+\pi^-$ decays.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 126, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \ell^+ \ell^- \ell^-$ &.
PHYSICAL REVIEW LETTERS, v. 122, p. 191801, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D?ARGENT, P. ARNAU ROMEU, J. , et al. ;
Search for C P Violation in $D^+ \rightarrow K^+ S^0$ &.
PHYSICAL REVIEW LETTERS, v. 122, p. 191803, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. D?ARGENT, P. , et al. ;
Study of the $B^0 \rightarrow \rho(770)^0 K^*(892)^0$ decay with an amplitude analysis of $B^0 \rightarrow (\pi^+\pi^-)(K^+\pi^-)$ decays.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 026, 2019.

APOLINÁRIO, G.B. ; MORICONI, L. ; PEREIRA, R.M. .
Instantons and fluctuations in a Lagrangian model of turbulence.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, v. 514, p. 741-757, 2019.

APOLINÁRIO, G. B. ; MORICONI, L. ; PEREIRA, R. M. .
Onset of intermittency in stochastic Burgers hydrodynamics.
PHYSICAL REVIEW E, v. 99, p. 033104, 2019.

Moriconi, L..
Toy Model for Vortex Ring-Assisted Particle Drag in Superfluid Counterflow.
PHYSICAL REVIEW E, v. 100, p. 043102, 2019.

SUNDAR, SHYAM ; SALEM-SUGUI, S. ; ALVARENGA, A. D. ; DORIA, M. M. ; GU, YANHONG ; LI, SHILIANG ; Luo, Huiqian ; GHIVELDER, L. .

Strong pinning in the hole-doped pnictide superconductor La Na Fe As.

JOURNAL OF APPLIED PHYSICS, v. 125, p. 123902, 2019.

SUNDAR, SHYAM ; SALEM-SUGUI JR, S ; CHATTOPADHYAY, MAULINDU K ; ROY, SINDHUNIL ; SHARATH CHANDRA, L S ; COHEN, LESLEY F ; GHIVELDER, LUIS .

Study of Nb_{0.18}Re_{0.82} non-centrosymmetric superconductor in the normal and superconducting states.

SUPERCONDUCTOR SCIENCE & TECHNOLOGY, v. 32, p. 055003, 2019.

GALDINO, C. W. ; Freitas, D. C. ; MEDRANO, C. P. C. ; TARTAGLIA, R. ; RIGITANO, D. ; OLIVEIRA, J. F. ; MENDONÇA, A. A. ; GHIVELDER, L. ; CONTINENTINO, M. A. ; Sanchez, D. R. ; GRANADO, E..

Magnetic, electronic, structural, and thermal properties of the ludwigite in the paramagnetic state.

PHYSICAL REVIEW B, v. 100, p. 165138, 2019.

SUNDAR, SHYAM ; SALEM-SUGUI, SAID ; LOVELL, EDMUND ; VANSTONE, ALEXANDER ; COHEN, LESLEY F. ; GONG, DONGLIANG ; ZHANG, RUI ; LU, XINGYE ; Luo, Huiqian ; GHIVELDER, LUIS .

Doping Dependence of the Second Magnetization Peak, Critical Current Density, and Pinning Mechanism in BaFe_{2-x}Ni_xAs₂ Pnictide Superconductors.

ACS Applied Electronic Materials, v. 1, p. 179-188, 2019.

ABREU, EVERTON M.C. ; MOURA, NEWTON J. ; SOARES, ABNER D. ; Ribeiro, Marcelo B. .

Oscillations in the Tsallis income distribution.

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, v. 533, p. 121967, 2019.

MARTINS, G. P. ; BERNARDES, N. K. ; SANTOS, M. F. .

Continuous monitoring of energy in quantum open systems.

PHYSICAL REVIEW A, v. 99, p. 032124, 2019.

RIBEIRO-SILVA, C.I. ; PICININ, A. ; RINO, J.P. ; Menezes, Marcos G. ; CAPAZ, RODRIGO. B. .

Temperature effects on the structural phase transitions of gallium phosphide.

COMPUTATIONAL MATERIALS SCIENCE, v. 161, p. 265-275, 2019.

GHOSH, SANTUNU ; ULLAH, SAIF ; DE MENDONÇA, JOÃO P.A. ; MOURA, LUCIANO G. ; Menezes, Marcos G. ; FLÔRES, LEONÃ S. ; PACHECO, TIAGO S. ; DE OLIVEIRA, LUIZ F.C. ; SATO, FERNANDO ; FERREIRA, SUKARNO O. .

Electronic properties and vibrational spectra of $(\text{NH}_4)_2\text{M}-(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=–Ni, Cu) Tutton's salt: DFT and experimental study.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, v. 218, p. 281-292, 2019.

DEL GRANDE, RAFAEL R ; MENEZES, MARCOS G ; CAPAZ, RODRIGO B .

Layer breathing and shear modes in multilayer graphene: a DFT-vdW study.

JOURNAL OF PHYSICS-CONDENSED MATTER, v. 31, p. 295301, 2019.

ULLAH, SAIF ; DENIS, PABLO A. ; Menezes, Marcos G. ; SATO, FERNANDO .

Tunable optoelectronic properties in h-BP/h-BAs bilayers: The effect of an external electrical field.

APPLIED SURFACE SCIENCE, v. 493, p. 308-319, 2019.

ULLAH, SAIF ; SATO, FERNANDO ; Menezes, Marcos G. ; Capaz, Rodrigo B. .

Exotic impurity-induced states in single-layer h -BN: The role of sublattice structure and intervalley interactions.

PHYSICAL REVIEW B, v. 100, p. 085427, 2019.

CARRASQUILLA, JUAN ; TORLAI, GIACOMO ; MELKO, ROGER G. ; AOLITA, LEANDRO .

Reconstructing quantum states with generative models.

Nature Machine Intelligence, v. 1, p. 155-161, 2019.

GUERINI, LEONARDO ; QUINTINO, MARCO TÚLIO ; AOLITA, LEANDRO .

Distributed sampling, quantum communication witnesses, and measurement incompatibility.

PHYSICAL REVIEW A, v. 100, p. 042308, 2019.

PROIETTI, MASSIMILIANO ; RINGBAUER, MARTIN ; GRAFFITTI, FRANCESCO ; BARROW, PETER ; PICKSTON, ALEXANDER ; KUNDYS, DMYTRO ; CAVALCANTI, DANIEL ; AOLITA, LEANDRO ; CHAVES, RAFAEL ; FEDRIZZI, ALESSANDRO .

Enhanced Multiqubit Phase Estimation in Noisy Environments by Local Encoding.

PHYSICAL REVIEW LETTERS, v. 123, p. 180503, 2019.

TADDEI, MÁRCIO M. ; NERY, RANIERI V. ; AOLITA, LEANDRO .

Quantum superpositions of causal orders as an operational resource.

Physical Review Research, v. 1, p. 033174, 2019.

PEREIRA, PEDRO HENRIQUE ; PENELLO, GERMANO MAIOLI ; PIRES, MAURICIO PAMPLONA ; SIVCO, DEBORAH ; GMACHL, CLAIRE ; SOUZA, PATRICIA LUSTOZA .

High performance dual-mode operation asymmetric superlattice infrared photodetector using leaky electronic states.

JOURNAL OF APPLIED PHYSICS, v. 125, p. 204501, 2019.

RIBEIRO-ANDRADE, R. ; VASCONCELOS, T.L. ; KAWABATA, R.M.S. ; Pires, M.P. ; Souza, P.L. ; RODRIGUES, W.N. .

Two-dimensional ordered growth of InAs nanowires assisted by randomly deposited silver nanoparticles on a topographically modified surface by a focused ion beam.

APPLIED SURFACE SCIENCE, v. 493, p. 271-278, 2019.

SU, P.-Y. ; LIU, H. ; Kawabata, R. M. S. ; WEINER, E. C. ; JAKOMIN, R. ; PIRES, M. P. ; KING, R. R. ; SOUZA, P. L. ; PONCE, F. A. .

Effect of InAs quantum dots capped with GaAs on atomic-scale ordering in Ga_{0.5}In_{0.5}P.

JOURNAL OF APPLIED PHYSICS, v. 125, p. 053104, 2019.

PENELLO, GERMANO M. ; PEREIRA, PEDRO H. ; GUERRA, LESSLIE ; PINTO, LUCIANA D. ; JAKOMIN, ROBERTO ; MOURÃO, RENATO T. ; Degani, Marcos H. ; Maialle, Marcelo Z. ; SIVCO, DEBORAH ; GMACHL, CLAIRE ; PIRES, M. P. ; SOUZA, P. L. .

Progress in Symmetric and Asymmetric Superlattice Quantum Well Infrared Photodetectors.

ANNALEN DER PHYSIK, v. 531, p. 1800462, 2019.

Cunha, Victor de Rezende; Micha, D.; Kawabata, R. M. S.; PINTO, L. D.; Pires, M.P.; SOUZA, P. L..

Optimization of the InGaP Top Junction of Triple Junction Solar Cells for Spatial Application.

Journal of Integrated Circuits and Systems, v. 14, p. 1-5, 2019.

Doria, Mauro M..

The linear Dirac spectrum and the Weyl states in the Drude-Sommerfeld topological model.

EUROPEAN PHYSICAL JOURNAL B, v. 92, p. 64, 2019.

DE SOUZA, MATEUS S.; BRIGANTI, MATTEO; REIS, SAMIRA G. ; STINGHEN, DANILO ; BORTOLOTTI, CAROLINA S.; CASSARO, RAFAEL A. A.; GUEDES, G. P.; DA SILVA, FERNANDO C.; FERREIRA, VITOR F.; NOVAK, M. A.; SORIANO, STÉPHANE; TOTTI, FEDERICO; VAZ, MARIA G. F..

Magnetic Cationic Copper(II) Chains and a Mononuclear Cobalt(II) Complex Containing [Ln(hfac)₄] – Blocks as Counterions.

INORGANIC CHEMISTRY, v. 58, p. 1976-1987, 2019.

GOBBI, MARCO ; Novak, Miguel A. ; DEL BARCO, ENRIQUE .
Molecular spintronics.
JOURNAL OF APPLIED PHYSICS, v. 125, p. 240401-240401-3, 2019.

SARMIENTO, CHARLIE V. ; ARAUJO, THAMYRES A. ; REIS, SAMIRA G. ; DE SOUZA, MATEUS S. ; ALLÃO CASSARO, RAFAEL A. ; Novak, Miguel A. ; VAZ, MARIA G. F. .
Lanthanide chains containing the naphthalenyl nitronyl nitroxide radical.
RSC Advances, v. 9, p. 30302-30308, 2019.

ESCOBAR, LÍVIA B. L. ; GUEDES, GUILHERME P. ; SORIANO, STÉPHANE ; MARBEY, JONATHAN ; HILL, STEPHEN ; Novak, Miguel A. ; VAZ, MARIA G. F. .
Synthesis, Magnetic and High-Field EPR Investigation of Two Tetranuclear Ni -Based Complexes.
INORGANIC CHEMISTRY, v. 58, p. 14420-14428, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
Measurement of the CP-violating phase - from $B_s^0 \rightarrow J$.
PHYSICS LETTERS B, v. 797, p. 134789, 2019.

AAIJ, R. ADEVA, B. ADINOLFI, M. AJALTOUNI, Z. AKAR, S. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALBERO, A. ALFONSO ALI, S. ALKHAZOV, G. CARTELLE, P. ALVAREZ JR, A. A. ALVES AMATO, S. AMERIO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. APPLEBY, R. B. ARCHILLI, F. D'ARGENT, P. ROMEU, J. ARNAU , et al. ;
Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays.
EUROPEAN PHYSICAL JOURNAL C. PARTICLES AND FIELDS, v. 79, p. 745, 2019.

AAIJ, R. ABELLÁN BETETA, C. ADEVA, B. ADINOLFI, M. AIDALA, C.'A. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALFONSO ALBERO, A. ALKHAZOV, G. ALVAREZ CARTELLE, P. ALVES, A.'A. AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. ARCHILLI, F. ARNAU ROMEU, J. ARTAMONOV, A. , et al. ;
Precision measurement of the $-c + , ,$.
PHYSICAL REVIEW D, v. 100, p. 032001, 2019.

Aaij, R. BETETA, C. ABELLÁN ACKERNLEY, T. ADEVA, B. ADINOLFI, M. AFSHARNIA, H. AIDALA, C. A. AIOLA, S. AJALTOUNI, Z. AKAR, S. ALBICOCCO, P. ALBRECHT, J. ALESSIO, F. ALEXANDER, M. ALBERO, A. ALFONSO ALKHAZOV, G. CARTELLE, P. ALVAREZ JR, A. A. ALVES AMATO, S. AMHIS, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ARCHILLI, F. , et al. ;

Updated measurement of time-dependent \mathcal{CP} -violating observables in $B^0_s \rightarrow J/\psi K^+ K^-$ decays.

EUROPEAN PHYSICAL JOURNAL C. PARTICLES AND FIELDS, v. 79, p. 706, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. , et al. ;

Measurement of the Charm-Mixing Parameter γ_{CP} .

PHYSICAL REVIEW LETTERS, v. 122, p. 1-10, 2019.

KOHARA, A.K. ; FERREIRA, E. ; RANGEL, M. .

The interplay of hadronic amplitudes and Coulomb phase in LHC measurements at 13 TeV.

PHYSICS LETTERS B, v. 789, p. 1-6, 2019.

BASSO, E.'A.'F. ; GONCALVES, V.'P. ; MARTINS, D.'E. ; RANGEL, M.'S. .

Diffraction gauge boson production at the LHC as a probe of the flavor content of the Pomeron.

PHYSICAL REVIEW D, v. 99, p. 1-6, 2019.

Aaij, R. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Ali, S. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Appleby, R. B. Archilli, F. , et al. ;

Prompt c^+ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.

JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 1-26, 2019.

Aaij, R. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Ali, S. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. APPLEBY, R.'B. Archilli, F. , et al. ;

Measurement of the relative $B \rightarrow D^0$.

PHYSICAL REVIEW D, v. 99, p. 1-16, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES,

A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. , et al. ;
Measurement of b hadron fractions in 13 TeV p p collisions.
PHYSICAL REVIEW D, v. 100, p. 1-11, 2019.

Aaij, R. ABELLÁN BETETA, C. ACKERNLEY, T. Adeva, B. Adinolfi, M. AFSHARNIA, H. AIDALA, C.'A. AIOLA, S. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. Archilli, F. , et al. ;
Measurement of the meson production fraction and asymmetry in 7 and 13 TeV collisions.
PHYSICAL REVIEW D, v. 100, p. 112006, 2019.

Aaij, R. Adeva, B. Adinolfi, M. Ajaltouni, Z. AKAR, S. Albrecht, J. Alessio, F. Alexander, M. ALBERO, A. ALFONSO Ali, S. Alkhazov, G. Cartelle, P. Alvarez JR, A. A. ALVES Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Appleby, R. B. Archilli, F. D'ARGENT, P. ROMEU, J. ARNAU , et al. ;
Measurements of CP asymmetries in charmless four-body Λ^0_b and Ξ^0_b decays.
EUROPEAN PHYSICAL JOURNAL C, v. 79, p. 745, 2019.

Aaij, R. BETETA, C. ABELLÁN ACKERNLEY, T. Adeva, B. Adinolfi, M. AFSHARNIA, H. AIDALA, C. A. AIOLA, S. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALBERO, A. ALFONSO Alkhazov, G. Cartelle, P. Alvarez JR, A. A. ALVES Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. Archilli, F. , et al. ;
Updated measurement of time-dependent CP-violating observables in $B^0_s \rightarrow J/\psi K^+ K^-$ decays.
EUROPEAN PHYSICAL JOURNAL C, v. 79, p. 706, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Measurement of Charged Hadron Production in -Tagged Jets in Proton-Proton Collisions at.
PHYSICAL REVIEW LETTERS, v. 123, p. 232001, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;
Measurement of C P -Violating and Mixing-Induced Observables in $B^0 \rightarrow$

PHYSICAL REVIEW LETTERS, v. 123, p. 081802, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;

Search for the Lepton-Flavor-Violating Decays and.

PHYSICAL REVIEW LETTERS, v. 123, p. 211801, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amerio, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. ARNAU ROMEU, J. , et al. ;

Amplitude Analysis of Decays.

PHYSICAL REVIEW LETTERS, v. 123, p. 231802, 2019.

Aaij, R. ABELLÁN BETETA, C. ACKERNLEY, T. Adeva, B. Adinolfi, M. AFSHARNIA, H. AIDALA, C.'A. AIOLA, S. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. Archilli, F. , et al. ;

Observation of New Resonances in the System.

PHYSICAL REVIEW LETTERS, v. 123, p. 152001, 2019.

Aaij, R. ABELLÁN BETETA, C. ACKERNLEY, T. Adeva, B. Adinolfi, M. AIDALA, C.'A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. ALVES, A.'A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J.'E. Archilli, F. D'ARGENT, P. , et al. ;

Search for Lepton-Flavor Violating Decays.

PHYSICAL REVIEW LETTERS, v. 123, p. 241802, 2019.

Aaij, R. ABELLÁN BETETA, C. Adeva, B. Adinolfi, M. AIDALA, C. A. Ajaltouni, Z. AKAR, S. ALBICOCCO, P. Albrecht, J. Alessio, F. Alexander, M. ALFONSO ALBERO, A. Alkhazov, G. Alvarez Cartelle, P. Alves, A. A. Amato, S. Amhis, Y. AN, L. ANDERLINI, L. ANDREASSI, G. ANDREOTTI, M. ANDREWS, J. E. Archilli, F. ARNAU ROMEU, J. Artamonov, A. , et al. ;

Near-threshold $\overline{D}D$ spectroscopy and observation of a new charmonium state.

JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 35, 2019.

COSTA, N. C.; MENDES-SANTOS, T. ; PAIVA, T. ; CURRO, N. J. ; DOS SANTOS, R. R. ; SCALETTAR, R. T. .

Coherence temperature in the diluted periodic Anderson model.
PHYSICAL REVIEW B, v. 99, p. 195116, 2019.

ZHANG, LUFENG ; MA, TIANXING ; COSTA, NATANAEL C. ; DOS SANTOS, RAIMUNDO R. ; SCALETTAR, RICHARD T. .
Determinant quantum Monte Carlo study of exhaustion in the periodic Anderson model.
PHYSICAL REVIEW B, v. 99, p. 195147, 2019.

COHEN-STEAD, B. ; COSTA, N. C. ; KHATAMI, E. ; SCALETTAR, R. T. .
Effect of strain on charge density wave order in the Holstein model.
PHYSICAL REVIEW B, v. 100, p. 045125, 2019.

DINIZ, K. ; Dutra, R. S. ; PIRES, L. B. ; VIANA, N. B. ; Nussenzveig, H. M. ; MAIA NETO, P. A. .
Negative optical torque on a microsphere in optical tweezers.
OPTICS EXPRESS, v. 27, p. 5905, 2019.

DE S ARAÚJO, GLAUBER R ; VIANA, NATHAN B ; Pontes, Bruno ; Frases, Susana .
Rheological properties of cryptococcal polysaccharide change with fiber size, antibody binding and temperature.
Future Microbiology, v. 14, p. 867-884, 2019.

ARAÚJO, GLAUBER R DE S. ; Viana, Nathan B. ; GÓMEZ, FRAN ; Pontes, Bruno ; Frases, Susana .
The mechanical properties of microbial surfaces and biofilms.
The Cell Surface, v. 5, p. 100028, 2019.

BRAGA, NELSON R. F.; FERREIRA, LUIZ F. .
Quasinormal modes and dispersion relations for quarkonium in a plasma.
JOURNAL OF HIGH ENERGY PHYSICS, v. 2019, p. 082, 2019.

Braga, Nelson R.F.; FERREIRA, LUIZ F. .
Quasinormal modes for quarkonium in a plasma with magnetic fields.
PHYSICS LETTERS B, v. 795, p. 462-468, 2019.

Braga, Nelson R.F..
Information versus stability in an anti-de Sitter black hole.
PHYSICS LETTERS B, v. 797, p. 134919, 2019.

HENNING, VINICIUS ; SPRENG, BENJAMIN ; HARTMANN, MICHAEL ; Ingold, Gert-Ludwig ; MAIA NETO, PAULO A. .

Role of diffraction in the Casimir effect beyond the proximity force approximation.

JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS, v. 36, p. C77, 2019.

COSTA, N. C. ; MENDES-SANTOS, T. ; PAIVA, T. ; CURRO, N. J. ; DOS SANTOS, R. R. ; Scalettar, R. T. .

Coherence temperature in the diluted periodic Anderson model.

PHYSICAL REVIEW B, v. 99, p. 195116, 2019.

CENARRO, A. J. ; MOLES, M. ; CRISTOBAL-HORNILLOS, D. ; MARIN-FRANCH, A. ; EDEROCLITE, A.; REIS, R.R.R. .

J-PLUS: The Javalambre Photometric Local Universe Survey.

ASTRONOMY & ASTROPHYSICS, v. 622, p. A176, 2019.

DE OLIVEIRA, C MENDES RIBEIRO, T SCHOENELL, W KANAAN, A OVERZIER, R A MOLINO, A SAMPEDRO, L COELHO, P BARBOSA, C E CORTESI, A COSTA-DUARTE, M V HERPICH, F R HERNANDEZ-JIMENEZ, J A PLACCO, V M XAVIER, H S ABRAMO, L R SAITO, R K CHIES-SANTOS, A L EDEROCLITE, A DE OLIVEIRA, R LOPES GONÇALVES, D R AKRAS, S ALMEIDA, L A ALMEIDA-FERNANDES, F BEERS, T C , et al.

The Southern Photometric Local Universe Survey (S-PLUS): improved SEDs, morphologies and redshifts with 12 optical filters.

ROYAL ASTRONOMICAL SOCIETY. MONTHLY NOTICES, v. 489, p. 241-267, 2019.

ULLAH, SAIF ; DENIS, PABLO A. ; Capaz, Rodrigo B. ; SATO, FERNANDO .

Theoretical characterization of hexagonal 2D Be N monolayers.

NEW JOURNAL OF CHEMISTRY, v. 43, p. 2933-2941, 2019.

TAVARES, SERGIO R. ; MORAES, PEDRO IVO R. ; Capaz, Rodrigo B. ; Leitão, Alexandre A. .

Novel 2D materials from exfoliation of layered hydroxide salts: A theoretical study.

APPLIED SURFACE SCIENCE, v. 483, p. 762-771, 2019.

ULLAH, SAIF ; SATO, FERNANDO ; Menezes, Marcos G. ; Capaz, Rodrigo B. .

Exotic impurity-induced states in single-layer -BN: The role of sublattice structure and intervalley interactions.

PHYSICAL REVIEW B, v. 100, p. 085427, 2019.

SUNDAR, SHYAM ; SALEM-SUGUI, S ; CHATTOPADHYAY, M K ; ROY, S B ; SHARATH CHANDRA, L S ; COHEN, L F ; GHIVELDER, L .

Study of Nb Re non-centrosymmetric superconductor in the normal and superconducting states.

SUPERCONDUCTOR SCIENCE & TECHNOLOGY, v. 32, p. 055003, 2019.

Cardoso, Simone C.; GONÇALVES, ODAIR D. ; DE SOUSA, JUAN V.M. ; DE SOUZA, FELIPE M.L. ; PEREIRA, DIRCEU D. .

Validation of an automatic eye monitoring system for ocular tumours stereotactic radiotherapy.

RADIATION PHYSICS AND CHEMISTRY, v. 583, p. 3671-3675, 2019.

DE OLIVEIRA, A. G. ; ARRUDA, M. F. Z. ; SOARES, W. C. ; WALBORN, S. P. ; KHOURY, A. Z. ; KANAAN, A. ; RIBEIRO, P. H. SOUTO ; DE ARAÚJO, R. MEDEIROS .
Phase Conjugation and Mode Conversion in Stimulated Parametric Down-Conversion with Orbital Angular Momentum: a Geometrical Interpretation.
Brazilian Journal of Physics, v. 49, p. 10-16, 2019.

SILVA, THAIS L. ; TAILLEBOIS, E. R. F. ; Gomes, R. M. ; WALBORN, S. P. ; AVELAR, ARDILEY T. .
Optical simulation of the free Dirac equation.
PHYSICAL REVIEW A, v. 99, p. 022332, 2019.

DE OLIVEIRA, ANDRÉ G. ; ARRUDA, MARCELO F. Z. ; SOARES, WILLAMYS C. ; Walborn, Stephen P. ; GOMES, RAFAEL M. ; MEDEIROS DE ARAÚJO, RENNÉ ; SOUTO RIBEIRO, PAULO H. .
Real-time Phase Conjugation of Vector Vortex Beams.
ACS Photonics, v. 7, p. 249, 2019.

CANONICO, LUIS M. ; Rappoport, Tatiana G. ; MUNIZ, R.'B. .
Spin and Charge Transport of Multiorbital Quantum Spin Hall Insulators.
PHYSICAL REVIEW LETTERS, v. 122, p. 196601, 2019.

COSTA, N. C. ; MENDES-SANTOS, T. ; PAIVA, T. ; CURRO, N. J. ; DOS SANTOS, R. R. ; Scalettar, R. T. .
Coherence temperature in the diluted periodic Anderson model.
PHYSICAL REVIEW B, v. 99, p. 5116, 2019.

KOIDE, T.; Kodama, T. .
Novel effect induced by spacetime curvature in quantum hydrodynamics.
PHYSICS LETTERS A, v. 383, p. 2713, 2019.

GAZEAU, J-P ; Koide, T ; NOGUERA, D .
Quantum smooth boundary forces from constrained geometries.
Journal of Physics A-Mathematical and Theoretical, v. 52, p. 445203, 2019.

CABRAL TENORIO, BRUNO NUNES ; KRUCZKIEWICZ, FRANCIELE ; DE ALMEIDA RIBEIRO, FABIO ; PINHO ANDRADE, DIANA PAULA ; RIANI DE LUNA, HUGO MILWARD ; BOECHAT-ROBERTY, HELOISA MARIA ; NASCIMENTO, MARCO ANTONIO CHAER ; ROCHA, ALEXANDRE BRAGA ; Wolff, Wania .
Soft X-ray Chlorine Photolysis on Chlorobenzene Ice: An Experimental and Theoretical Study.
JOURNAL OF PHYSICAL CHEMISTRY A, v. 123, p. 1389-1398, 2019.

Luna, H. ; Wolff, W. ; MONTENEGRO, E. C. ; SIGAUD, L. .
CH 4 fragmentation from single and double ionization by proton and electron impact.
PHYSICAL REVIEW A, v. 99, p. 012709-1-012709-1, 2019.

MONFREDINI, THIAGO ; QUITIÁN-LARA, HEIDY M ; FANTUZZI, FELIPE ; Wolff, Wania ; MENDOZA, EDGAR ; LAGO, ALEXSANDRE F ; SALES, DINALVA A ; PASTORIZA, MIRIANI G ; BOECHAT-ROBERTY, HELOISA M .

Destruction and multiple ionization of PAHs by X-rays in circumnuclear regions of AGNs. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, v. 488, p. 451-469, 2019.

Wolff, W.; RUDEK, B. ; DA SILVA, L. A. ; HILGERS, G. ; MONTENEGRO, E. C. ; HOMEM, M. G. P. .

Absolute ionization and dissociation cross sections of tetrahydrofuran: Fragmentation-ion production mechanisms.

JOURNAL OF CHEMICAL PHYSICS, v. 151, p. 064304, 2019.

FANTUZZI, FELIPE ; Wolff, Wania ; QUITIÁN-LARA, HEIDI M ; BOECHAT-ROBERTY, HELOISA ; HILGERS, GERHARD ; RUDEK, BENEDIKT ; NASCIMENTO, MARCO ANTONIO CHAER . Unexpected Reversal of Stability in Strained Systems Containing One-Electron Bonds. PHYSICAL CHEMISTRY CHEMICAL PHYSICS, v. -, p. 1-14, 2019.