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Education

Degree	Graduated in	Major	University
BSc	1996	Physics	Sharif University of Technology
MSc	1999	Physics	Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan
Ph.D	2008	Physics	Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan

Papers in Journals

1. F. Zamani ,& F. Monemi,Schwinger Pair Creation by a Time-Dependent Electric Field in de Sitter Space with the Energy Density $E_{\mu}E_{\mu} = E^2a^2(\square)$,Math. Interdisc. Res.,pp. (to appear),(2020).
2. Farhad Zamani ,& MirFaez Miri,Terahertz emission from an array of tunneling-coupled asymmetric two-level systems,OPT COMMUN,Vol. 423,pp. 207-214,(2018),ISI.
3. MirFaez Miri , Farhad Zamani , Hamideh Alipoor,Two tunneling-coupled two-level systems with broken inversion symmetry: tuning the terahertz emission,J OPT SOC AM B,Vol. 33,pp. 1873-1880,(2016),ISI.
4. Farhad Zamani ,& Ali Mostafazadeh,Quantum mechanics of Proca fields,Journal of Mathematical Physics,Vol. 50,pp. 052302,(2009).
5. A. Mostafazadeh ,& F. Zamani,Quantum mechanics of Klein–Gordon fields II: Relativistic coherent states,Annals of Physics (NY),Vol. 321,pp. 2210-2241,(2006).
6. سعید طالبی مطلق,جواد رحیقی,فرهاد زمانی,فرهاد سعیدی,The resistive wall impedance and the effects of the non-evaporable getter thickness in an ultra-low emittance ring,Journal of Instrumentation,Vol. 18,pp. 1028,2023 01 25,SCOPUS ,ISC.
7. سعید طالبی مطلق,امیر دانایی فرد,جواد رحیقی,فرهاد سعیدی,فرهاد زمانی,Cooling challenges in a NEG-coated vacuum chamber of a light source,Journal of Physics: Conference Series,Vol. 2420,pp. 12023,2023 01 20,SCOPUS.
8. نرگس بدری,فرهاد زمانی,A non-singular model universe emerging from scalar-metric cosmology with Chaplygin gas and perfect fluid,European Physical Journal Plus,Vol. 137,pp. 1095,2022 09 29,ISI-Listed.
9. نرگس بدری,فرهاد زمانی,A non-singular model universe emerging from scalar-metric cosmology with

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10. A. Mostafazadeh ,& F. Zamani,Quantum mechanics of Klein–Gordon fields I: Hilbert Space, localized states, and chiral symmetry,Annals of Physics (NY),Vol. 321,pp. 2183-2290,(2006).
 11. Z. Mohammadi , N. Alipour , H. Safari , Farhad Zamani,Complex Network for Solar Protons and Correlations With Flares,Journal of Geophysical Research: Space Physics,Vol. 126,pp. 2020JA028868,2021 06 23.