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Education

Degree	Graduated in	Major	University
BSc		Atomic and molecular physics	Alzahra University
MSc		Solid State Physics	Sharif University of Technology
Doctoral		Nanotechnology - NanoPhysics	Sharif University of Technology
Post Doctoral		Nanotechnology - Nanophysics	Sharif University of Technology

Papers in Conferences

1. F. Esmaeilzade Kalantari, N. Sharifi ,Comparison of Spin-coated and Spray Coated Active Layer in Perovskite Solar Cells ,The 7th International Conference on Nanostructures (ICNS7) ,2018.
2. Z. Kheirkhah, N. Sharifi ,Synthesis and Characterization of Ag/N-doped Reduced Graphene Oxide (Ag/N-RGO) Nanocomposites for Sensor Applications ,The 7th International Conference on Nanostructures (ICNS7) ,2018.
3. S. Fallahi, N. Sharifi, H. A. Rafieipour ,An electrochemical nanobiosensor for early detection of breast cancer biomarker miRNA-21, using methylene blue as redox indicator, graphene oxide and polyaniline ,The first international congress of Iranian ,2017.
4. F. Esmaeilzade Kalantari, N. Sharifi,Fabrication of Investigation of Photovoltaic Properties of Provkite Solar Cells: Spin-Coated and Sprayed Pyrolysis Blocking Layers.Conference on Nanostrcutured Solar Cells (NSSC۹۶),۱۴۰۷.
5. K. Heidarian, M. Almasi Kashi, N. Sharifi, Z. Kheirkhah.Synthesis of Reduced Graphene Oxide/Silver Nanocomposites Using Tribulus Terrestris Extract for Detection of Hydrogen Peroxide.Annual Physics Conference.۱۴۰۷.
6. F. Hasanzade, N. Sharifi, M. Zahedifar.Electrochemical Comparison of Spin- and Dip-coated TiO₂ Blocking Layers in Nanostructured Solar Cells.The ۸th International Conference on Nanostructures (ICNS8),۱۴۰۷.
7. N. Aeineh, A. Behjat, N. Sharifi.Optimization of Photoanode in Provkite Solar cells Using SiO₂ Nanoparticles.Annual Physics Conference.۱۴۰۷.
8. S. Falahi, N. Sharifi, M. J. Safikhani.Environmental Friendly Reduction of Graphene Oxide and Subsequent in Situ Decoration with Silver Nanoparticles for Nanosensors.Annual Physics

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9. F. Hasanzade, N. Sharifi, M. Zahedifar ,Electron Recombination Study of TiO₂ Compact Layers for Solid-States Solar Cells ,Hybrid and Organic Photovoltaics Conference (HOPV2015) ,2015.
10. N. Sharifi, F. Hasanzade, M. Zahedifar ,TiO₂ Blocking Under-layer in Nanostructured Solar Cells ,Asian Nano Forum Congress- ANFC 2015 ,2015.
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12. N. Aeineh, N. Sharifi, A. Behjat.Investigation the Effect of Silver Nanoparticles on Perovskite Solar Cells.Conference on Nanostrcutured Solar Cells (NSSC۹۴).۲۰۱۸.
13. N. Sharifi.Study of Optical Absorption in Dye-sensitized Solar Cells.The ۲۱st Iranian Conference on Optics and Photonics and the Seventh Iranian Conference on Photonics Engineering and technology.۲۰۱۸.
14. Afshin Sadeghi, Nafiseh Sharifi ,Plasmonic Effect of Silver Spherical Nanostructured Array on Light Absorption in Two- and Four-Terminal Perovskite/Si Tandem Solar Cells ,The 8th International Conference on Nanostructures (ICNS8) ,Tehran ,2020.
15. N. Sharifi, A. Dabirian and N. Taghavinia ,Plasmonic Dye-Sensitized Solar Cells Using Agglomerated Core-Shell Au-SiO₂ Nanoparticles ,The 5th International Conference on Nanostructures (ICNS5) ,2014.
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19. N. Sharifi, N. Taghavinia ,Freestanding Scattering Hollow Silver Spheres Prepared by a Facile Sacrificial Templating Method and Their Application in Dye-sensitized Solar Cells ,The 4th International Conference on Nanostructures (ICNS4) ,2012.
20. N. Sharifi, N. Taghavinia, A. Irajizad ,Application of Nobel Metals in Dye-sensitized Solar Cells: Near Field and Far Field", Winter College on Optics: Advances in Nano-Optics and Plasmonics ,The Abdus Salam International Centre for Theoretical Physics (ICTP) ,2012.
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26. N. Sharifi, N. Taghavinia, A. Irajizad ,Comparison of the Optical Effect of Gold and Silver Nano-islands on the Sensitizer for Application in Dye-sensitized Solar Cells ,International Conference on Nanoscience and Technology (ICN+T2010) ,2010.
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30. Z. Hosseini, N. Taghavinia, N. Sharifi, M. Rahman, and F. Tajabadi ,Evaluation of a High Conductivity TiO₂/Ag Fibrous Electrode with EIS Measurements ,Quantsol 2010 Winter Workshop ,2010.

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39. احمد عباسی دشتکی,سیدمحمدباقر قریشی,نفیسه شریفی,بهینه سازی چگالی نقص لایه های مختلف سلول خورشیدی پروسکایتی بر پایه قلع جهت افزایش بازدهی به وسیله نرم افزار اسکیپس,سی امین کنفرانس اپتیک و فوتونیک ایران و شانزدهمین کنفرانس مهندسی و فناوری فوتونیک ایران,۱ - دامغان,۲۹ ۰۱ ۲۰۲۴ .

پریسا کریمی مونه,نفیسه شریفی,اثر پروسکایتهای هالیدی مبتنی بر متیل آمونیوم بر عملکرد سلول خورشیدی با سی امین کنفرانس اپتیک و فوتونیک ایران و شانزدهمین کنفرانس مهندسی و فناوری فوتونیک ایران,۱ - دامغان,۲۹ ۰۱ ۲۰۲۴ .

پریسا کریمی مونه,نفیسه شریفی,مقایسه سلولهای خورشیدی پروسکایتی هالیدی مبتنی بر سزیم شامل لایه های سی امین کنفرانس اپتیک و فوتونیک ایران و شانزدهمین کنفرانس مهندسی و فناوری فوتونیک ایران,۱ - دامغان,۲۹ ۰۱ ۲۰۲۴ .

پریسا کریمی مونه,نفیسه شریفی,اثر پروسکایتهای هالیدی مبتنی بر متیل آمونیوم بر عملکرد سلول خورشیدی با سی امین کنفرانس اپتیک و فوتونیک ایران و شانزدهمین کنفرانس مهندسی و فناوری فوتونیک ایران,۱ - دامغان,۲۹ ۰۱ ۲۰۲۴ .

40. احمد عباسی دشتکی,سیدمحمدباقر قریشی,نفیسه شریفی,متالعه-ی تغییرات چگالی نقص سلول خورشیدی .

کنفرانس فیزیک ایران,۱ - اصفهان,۰۸ ۲۰۲۳ پروسکایتی بر پایه-ی سرب به وسیله-ی نرم-افزار SCAPS-Id.۲۸ ۰۸ ۲۰۲۳ .

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زهرا مخلص ابادی فراهانی,پریسا کریمی مونه,نفیسه شریفی,ساخت و مشخصه یابی پروسکایت نقطه کوانتومی به هدف کاربرد در لایه جاذب نور سلولهای خورشیدی,دومین کنفرانس بین المللی کاربرد مواد و ساخت CsPbBr₃ . پیشرفت در صنایع,۱ - تهران,۰۷ ۲۰۲۲ .

پریسا کریمی مونه,زهرا مخلص ابادی فراهانی,نفیسه شریفی,اثر چگالی نقص بر عملکرد سلول خورشیدی مطالعه شبیه سازی,بیست و هشتمین کنفرانس اپتیک و فوتونیک ایران و چهاردهمین کنفرانس مهندسی و CSnPbI₃ غیرآلی .

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2. Vahid Eskandari, Nafiseh Sharif.Study of The Molecular vibrations of Serotonin Using Raman Spectroscopy and Silvery Substrates made by Electrophoretic Deposition.Lasers in Medicine,۲۰۲۱.
3. Vahid Eskandari and Nafiseh Sharifi,Rapid and Easy Fabrication of Tryptophan Amino Acid Plasmonic Detection Kit,Advanced Materials and Novel Coatings,2020.
4. Vahid Eskandari and Nafiseh Sharifi,Facile and Rapid Detection of Methyl Parethion by Plasmonic Flexible Substrates,Laser in Medicine,2020.
5. Kamran Heydaryan, Mohammad Almasi Kashi, Nafiseh Sharifi and Mohammad Ranjbar Azad,Efficiency improvement in non-enzymatic H₂O₂ detection induced by the simultaneous synthesis of Au and Ag nanoparticles in an RGO/Au/Fe₃O₄/Ag nanocomposite,New Journal of Chemistry,2020.
6. Nafiseh Sharifi, Vahid Eskandari,Molecular diagnosis of plasma phenylalanine in neonates with phenylketonuria disease using biological sensors based on surface enhanced Raman spectroscopy (SERS),International Journal of Optics and Photonics,2019.
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8. Vahid Eskandari and Nafiseh Sharifi,Fabrication of Plasmonic Substrates Using Facile Technique of Spin-Coating for Salmonella Bacteria Detection,Laser in Medicine,2019.
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10. Naemeh Aeineh, Nafiseh Sharifi and Abbas Behjat,Application of Au@SiO₂ plasmonic nanoparticles at interface of TiO₂ mesoporous layers in perovskite solar cells,International Journal of Optics and Photonics,2018.
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- 39.وحید اسکندری, نفیسه شریفی, بهبود ارتعاشات مولکولی آمینواسیدهای فنیل آلانین, بتا آلانین, لوسین و گلیسین با استفاده از نانوذرات نقره به هدف شناسایی آن ها, پژوهش های نوین فیزیک, مجلد ۴, شماره صفحات ۱, ۱۳۹۹/۱۱/۲۰
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