

<u>TITLE</u>	<u>YEAR</u>
<u>Synthesis and thermoluminescence characteristics of Mn doped CaF<sub>2</sub> nanoparticles</u>	2012
M Zahedifar, E Sadeghi, Z Mohebbi Nuclear Instruments and Methods in Physics Research Section B: Beam ...	
<u>Thermoluminescence characteristics of the novel CaF<sub>2</sub>: Dy nanoparticles prepared by using the hydrothermal method</u>	2012
M Zahedifar, E Sadeghi, S Harooni Nuclear Instruments and Methods in Physics Research Section B: Beam ...	
<u>Afterglow properties of CaF<sub>2</sub>: Tm nanoparticles and its potential application in photodynamic therapy</u>	2016
M Zahedifar, E Sadeghi, MM Shanei, A Sazgarnia, M Mehrabi Journal of Luminescence 171, 254-258	
<u>Synthesis and dosimetric properties of the novel thermoluminescent CaF<sub>2</sub>: Tm nanoparticles</u>	2012
M Zahedifar, E Sadeghi Radiation Physics and Chemistry 81 (12), 1856-1861	
<u>Thermoluminescence dosimetry properties of new Cu doped CaF<sub>2</sub> nanoparticles</u>	2013
M Zahedifar, E Sadeghi Radiation protection dosimetry 157 (3), 303-309	
<u>Thermoluminescence kinetics analysis of <math>\alpha</math>-Al<sub>2</sub>O<sub>3</sub>: C at different dose levels and populations of trapping states and a model for its dose response</u>	2012
M Zahedifar, L Eshraghi, E Sadeghi Radiation measurements 47 (10), 957-964	
<u>Synthesis, characteristics and thermoluminescent dosimetry features of <math>\gamma</math>-irradiated Ce doped CaF<sub>2</sub> nanophosphor</u>	2013
M Zahedifar, E Sadeghi, MR Mozdianfard, E Habibi Applied Radiation and Isotopes 78, 125-131	

<u>TITLE</u>	<u>YEAR</u>
<u>Synthesis of graphene quantum dots decorated with Se, Eu and Ag as photosensitizer and study of their potential to use in photodynamic therapy</u>	2021
M Roeinfard, M Zahedifar, M Darroudi, A Khorsand Zak, E Sadeghi Journal of Fluorescence 31, 551-557	
<u>Thermoluminescence and photoluminescence properties of NaCl: Mn, NaCL: Cu nano-particles produced using co-precipitation and sono-chemistry methods</u>	2017
M Mehrabi, M Zahedifar, Z Saeidi-Sogh, A Ramazani-Moghaddam-Arani, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	
<u>Thermoluminescence and photoluminescence properties of NaCl: Mn, NaCL: Cu nano-particles produced using co-precipitation and sono-chemistry methods</u>	2017
M Mehrabi, M Zahedifar, Z Saeidi-Sogh, A Ramazani-Moghaddam-Arani, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	
<u>Fabrication of copper/stainless steel bimetallic couple, by diffusion bonding using silver and nickel foils as interlayers</u>	2019
M Ekrami, J Shahbazi Karami, A Araee, F Sharifianjazi, E Sadeghi, ... Inorganic and Nano-Metal Chemistry 49 (5), 152-162	
<u>Preparation and thermoluminescent dosimetry features of high sensitivity LiF: Mg, Ce phosphor</u>	2018
MK Shoushtari, M Zahedifar, E Sadeghi Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	
<u>Thermoluminescence dosimetry properties and kinetic analysis of MgSO<sub>4</sub>: Dy microcrystalline prepared by solid state method</u>	2017
M Zahedifar, F Almasifard, E Sadeghi, S Harooni, MK Biroon Radiation Measurements 103, 26-32	
<u>Effect of LaF<sub>3</sub>: Ag fluorescent nanoparticles on photodynamic efficiency and cytotoxicity of Protoporphyrin IX photosensitizer</u>	2018
F Tavakkoli, M Zahedifar, E Sadeghi	

<u>TITLE</u>	<u>YEAR</u>
Photodiagnosis and photodynamic therapy 21, 306-311	
<u>Thermoluminescence dosimetry features of DY and Cu doped SrF2 nanoparticles under gamma irradiation</u>	2015
M Zahedifar, E Sadeghi, S Harooni, F Almasifard Applied Radiation and Isotopes 105, 176-181	
<u>Thermoluminescence kinetic analysis and dosimetry features of MgSO4: Dy and MgSO4: Cu nano-rods</u>	2016
M Zahedifar, F Almasifard, E Sadeghi, MK Biroon, ... Radiation Physics and Chemistry 125, 127-133	
<u>Synthesis and dosimetry features of novel sensitive thermoluminescent phosphor of LiF doped with Mg and Dy impurities</u>	2018
E Sadeghi, M Zahedifar, MK Shoushtari Applied Radiation and Isotopes 136, 111-117	
<u>Thermoluminescence kinetic analysis of quartz using an improved general order model for exponential distribution of activation energies</u>	2011
M Zahedifar, S Harooni, E Sadeghi Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	
<u>Preparation and characterization of selenium-decorated graphene quantum dots with high afterglow for application in photodynamic therapy</u>	2020
M Roeinfard, M Zahedifar, M Darroudi, A Khorsand Zak, E Sadeghi Luminescence 35 (6), 891-896	
<u>Synthesis and thermoluminescence analysis of LiBaF3: M (M= Cu, Ce, Er) nanoparticles</u>	2021
E Habibi, M Zahedifar, E Sadeghi Journal of Luminescence 237, 118173	
<u>UVC dosimetry properties of Mn and Ce doped KCl thermoluminescent phosphor produced by co-precipitation method</u>	2019

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M Talebi, M Zahedifar, E Sadeghi Nuclear Instruments and Methods in Physics Research Section B: Beam ...	
<u>Synthesis of nanoparticles of ZnS: Ag-L-cysteine-protoporphyrin IX conjugates and investigation its potential of reactive oxygen species production</u>	2019
E Sadeghi, Z Mahmoodian, M Zahedifar Journal of fluorescence 29, 1089-1101	
<u>Luminescence Properties Of Pure CaSO4 Nanoparticles Produced By Co-Precipitation Method</u>	2014
M Mehrabi, M Zahedifar, E Sadeghi Journal of Nanostructures 4 (4), 425-431	
<u>Fabrication, characterization, antibacterial properties, and the possibility of introducing silver tungstate nanoparticles with Zn as photosensitizers for photodynamic therapy</u>	2022
S Marzieh, S Ehsan, Z Mostafa Applied Physics A 128 (9), 844	
<u>Preparation, kinetic analysis and thermoluminescent dosimetry features of highly sensitive SrF2: Dy phosphor</u>	2019
MK Biroon, M Zahedifar, E Sadeghi, F Almasifard Radiation Physics and Chemistry 159, 1-5	
<u>SYNTHESIS, OPTICAL PROPERTIES AND THERMOLUMINESCENCE DOSIMETRY FEATURES OF MANGANESE DOPED Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub> NANOPARTICLES</u>	2018
M Rahimi, M Zahedifar, E Sadeghi Radiation Protection Dosimetry 181 (4), 360-367	
<u>Synthesis, feasibility study of production of singlet oxygen and hydroxyl radical and performance in antibacterial activity of ZnS: Eu QDs</u>	2022
M Karimi, E Sadeghi, SK Bigdeli, M Zahedifar Journal of Composites and Compounds 4 (11), 77-82	

<u>TITLE</u>	<u>YEAR</u>
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M Zahedifar, E Sadeghi Iranian Journal of Physics Research 13 (3)	
<u>Optical properties, singlet oxygen, and free radical production ability with different UV irradiations and antimicrobial inhibitors against various bacterial species of ZnO: Eu ...</u>	2023
M Karimi, E Sadeghi, SK Bigdeli, M Zahedifar Radiation Physics and Chemistry 212, 111132	
<u>A new thermoluminescence general order glow curve fit function considering thermal quenching effect</u>	2019
S Harooni, M Zahedifar, E Sadeghi, Z Ahmadian Radiation protection dosimetry 187 (1), 103-107	
<u>In vitro study: green synthesis and evaluation of MgO/C-dots/DOX phosphorescent nanocomposites for photodynamic/photocatalytic therapy of tumors</u>	2023
M Karimi, E Sadeghi, M Zahedifar, M Nejati, H Mirzaei, MR Hamblin Frontiers in Bioengineering and Biotechnology 11, 1286955	
<u>Synthesis, structural characteristics and thermoluminscence features of KCl: Mn and KCl: Ce phosphors</u>	2022
M Talebi, E Sadeghi, M Zahedifar, S Harooni Nuclear Instruments and Methods in Physics Research Section B: Beam ...	
<u>Thermoluminescence and photoluminescence properties of CeF<sub>3</sub>: Dy and CeF<sub>3</sub>: Ni nanoparticles</u>	2022
A Abasi, E Sadeghi, M Zahedifar Radiation Physics and Chemistry 194, 109969	
<u>Studies on the photoluminescence and thermoluminescence properties of CaZrO<sub>x</sub>:Eu phosphor for dosimetric applications</u>	2022
MJ Fesharaki, MR Jalali, L Karimi, E Sadeghi	

<u>TITLE</u>	<u>YEAR</u>
Optical and Quantum Electronics 54 (7), 406	
<u>Finite-Time Fuzzy Control Design for Drug Dosage Delivery in Cancer Treatment</u>	2021
E Sadeghi, I Zamani, ZG Zarandi, ST Afshari 2021 7th International Conference on Control, Instrumentation and Automation ...	
<u>S. harooni, M. Kashefi Biroon. Thermoluminescence dosimetry properties and kinetic analysis of MgSO<sub>4</sub>: Dy microcrystalline prepared by solid state method</u>	2017
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<u>Synthesis and thermoluminescence characteristics of CaF<sub>2</sub>: Dy, Tm nanoparticles</u>	2014
E Sadeghi, M ZahediFar, M Mehrabi Journal of Nuclear Science and Technology (JONSAT) 35 (1), 1-7	
<u>Thermoluminescence properties of Cu doped α-Al<sub>2</sub>O<sub>3</sub> crystals synthesized by a solid state method</u>	2023
M Bagheri, E Sadeghi, M Zahedifar, S Harooni Radiation Physics and Chemistry 209, 110971	
<u>Comparison of green and chemical synthesis of tin oxide nanoparticles via co-precipitation technique and analysis of its optical properties</u>	2023
M Karimi, M Zahedifar, E Sadeghi, B Mohammadzadeh Journal of Nanostructures 13 (3), 664-672	
<u>Tin oxide nanoparticles: Green synthesis, recognition and application in the treatment of cancer</u>	2023
M Karimi, E Sadeghi, M Zahedifar Journal of Lasers in Medicine 19 (3), 11-20	
<u>Archaeology dating of pottery samples obtained from center of Iran by using thermoluminescence technique</u>	2022

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M Zahedifar, H Ghiam, E Sadeghi Radiation Safety and Measurement 1 (1), 19-24	
<u>The separation of gamma and neutron doses in mixed gamma-neutron radiation field using <math>\text{Al}_2\text{O}_3:\text{C}</math> (TLD-500) dosimeter</u>	2022
E Sadeghi, M Zahedifar, M Mehrabi Radiation Safety and Measurement 3 (1), 13-18	
<u>Synthesis of potassium chloride crystals doped with dysprosium and investigation of its thermoluminescence and photoluminescence properties</u>	2021
M Talebi, E Sadeghi, M Zahedifar Iranian Journal of Physics Research 21 (2), 421-428	
<u>Neutron-gamma mixed field dosimetry using a <math>6\text{LiF}:\text{Mg, Cu, P}</math> thermoluminescent dosimeter</u>	2021
E Sadeghi, M Zahedifar, P Rezaii Nuclear Technology and Radiation Protection 36 (4), 346-351	
<u>The Study on the Kinetic Parameters of Deep Traps of <math>\alpha\text{-Al}_2\text{O}_3:\text{C}</math> (TLD-500) Dosimeter by Comparing Experimental Photo-Transferred Thermoluminescence Response with the Theoretical ...</u>	2019
S Harooni, M Zahedifar, A Ramazani-Moghaddam-Arani, E Sadeghi, ... Journal of Nuclear Science and Technology (JONSAT) 40 (1), 10-15	
<u>Relationship of work-family conflict and spillover with psychosomatic complaints considering the mediating role of work anxiety.</u>	2017
M Golparvar, E Sadeghi Psychological Research	
<u>High photoluminescence and afterglow emission of nitrogen-doped graphene quantum dots/<math>\text{TiO}_2</math> nanocomposite for use as a photodynamic therapy photosensitizer</u>	2024
R Mojgan, S Ehsan, Z Mostafa Applied Physics A 130 (3), 144	

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<u>UV excited thermoluminescence and kinetic analysis of CaZrO<sub>3</sub>:xCe<sup>3+</sup> phosphors synthesized by sol–gel combustion method</u>	2023
M Jafari Fesharaki, MR Jalali, L Karimi, E Sadeghi Optical and Quantum Electronics 55 (14), 1257	
<u>Green Synthesis of Au-doped SnO<sub>2</sub> Nanoparticles Using Teucrium Polium Plant Extract for the Evaluation of Their Physicochemical and Antibacterial Properties</u>	2023
M Karimi, E Sadeghi, M Zahedifar Journal of Advanced Biomedical Sciences	
<u>Evaluation of Antibacterial Properties of γ-Al<sub>2</sub>O<sub>3</sub>: Eu Nanoparticles on Various Microorganisms</u>	2023
E Sadeghi, M Karimi, M Zahedifar Journal of Nanostructures 13 (2), 559-566	
<u>Fabrication and investigation of thermoluminescence properties of gamma irradiated Dy-doped crystalline alumina</u>	2023
M Bagheri, E Sadeghi, M Zahedifar Nuclear Instruments and Methods in Physics Research Section B: Beam ...	
<u>سالیابی دو نمونه باستانی به روش ترمولومینسانس و تأثیر ناحیه یلاتو در سن نمونه‌ها</u>	2022
عباسی, صادقی, زاهدی فر سنگش و ایمنی پرتو ۱۱ (۳)، ۱۲۷-۱۳۲	
<u>Dating two ancient samples by thermoluminescence method and the effect of the plateau region on the age of the samples</u>	2022
F Abbas, E Sadeghi, M Zahedifar Radiation Safety and Measurement 11 (3), 127-132	
<u>Evaluation of antibacterial properties of γ-Al<sub>2</sub>O<sub>3</sub>: Eu nanoparticles on various microorganisms</u>	2022
M Karimi, E Sadeghi, M Zahedifar	

<u>TITLE</u>	<u>YEAR</u>
Journal of Nanostructures	
<u>Synthesis of CaZrO<sub>3</sub> nanostructured dosimeter with Eu<sup>3+</sup> additive by sol-gel combustion method and study of its thermoluminescence properties</u>	2022
L Karimi, M Jafari Fesharaki, MR Jalali, E Sadeghi Radiation Safety and Measurement 9 (1), 1-8	
<u>پژوهش سل-ژل احتراقی و مطالعه خواص Eu<sup>3+</sup> با افزودنی CaZrO<sub>3</sub> ساخت دزیمتر نانو-ساختار نرمولومینسانس آن</u>	2022
کریمی, جعفری فشارکی, مرجانه, جلالی, صادقی سنگش و ایندی پرتو ۹ (۱), ۸-۱	
<u>Re-estimation of absorbed gamma dose using PTTL in <math>\text{Al}_2\text{O}_3:\text{C}</math> dosimeter</u>	2022
E Sadeghi, M Zahedifar, S Najari, M Mehrabi Radiation Safety and Measurement 2 (1), 33-36	
<u>Carbon Quantum Dots Extracted from Natural Lemon Juice: Efficient Material for Fluorescence and Antibacterial Applications</u>	2022
M Karimi, E Sadeghi, M Zahedifar Journal of Advanced Biomedical Sciences	
<u>نانوذرات اکسیدقلع: سنتز سبز، شناسایی و کاربرد آن در درمان سرطان</u>	2022
کریمی مرآت, صادقی احسان, زاهدی فر مصطفی لیزر در پزشکی ۱۹ (۳), ۱۱-۲۰	
<u>ساخت، مشخصه‌یابی و بررسی توانایی تولید گونه‌های فعال اکسیژن داروی دوکسوربیسین متصل به نانوذرات UVC تیتانیوم اکسید با استفاده از پرتوی</u>	2021
محمدزاده, صادقی, زاهدی فر فصلنامه علمی-پژوهشی لیزر پزشکی ۱۸ (۲), ۱۷-۲۲	
<u>تولید بلور کلرید بتا-سیم با ناخالصی دیسیرسیوم به روش هم‌سویی و بررسی خواص ترمولومینسانس و فوتولومینسانس آن</u>	2021
طالبی, مطهره, صادقی, زاهدی فر	

<u>TITLE</u>	<u>YEAR</u>
مجله پژوهش فیزیک ایران ۴۲۱-۴۲۸ (۲)، ۲۱	
<u>Thermoluminescence and photoluminescence of magnesium-doped lithium tetraborate nanoparticles</u>	2021
M Rahimi, E Sadeghi, M Zahedifar Indian Journal of Physics 95 (6), 1113-1119	
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<u>A new thermoluminescence mixed order model considering thermal quenching effect</u>	2021
S Harooni, M Zahedifar, S Kermani, E Sadeghi Iranian Journal of Physics Research 21 (1), 197-204	
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<u>The investigation of corrosion mechanisms in coolant circulation paths of electron accelerators</u>	2020
M Asgari, M Golabadi, H Foratirad, MG Gholami, E Sadeghi, R Amraee, ... Journal of Nuclear Science and Technology (JONSAT) 41 (3), 162-170	
<u>Synthesis and Optical Properties of Gamma-Alumina Nanoparticles and its Antibacterial Properties</u>	2020
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اثر امواج مایکروویو روی باقیمانده آفتکش و ویژگی های فیزیکو شیمیایی و میکروبی میوه خشک شده زردآلو طی زمان نگهداری سلیمانی مهر، رفعتی امیری، اسماعیل زاده کناری، صادقی	2020

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کشاورزی, صادقی, زاهدی فر, Rahimi Balkanloo سنچش و اینمی پرتو ۹ (۴), ۶-۱	
<u>Synthesis of strontium borate doped with Pb by solid state method and characterization of its thermoluminescent glow curve</u>	2020
M Keshavarzi, E Sadeghi, M Zahedifar, M Rahimi Balkanloo Radiation Safety and Measurement 9 (4), 1-6	
<u>Thermoluminescence characteristics and kinetic analysis of copper doped magnesium sulfate in gamma irradiation</u>	2020
F Almasifard, M Zahedifar, E Sadeghi, M Kashefi Biroon Radiation Safety and Measurement 9 (3), 47-52	
<u>Effect of Microwave Irradiation on Pesticides Residues and Physicochemical and Microbial Properties of Dried Apricots during Storage Time</u>	2020
Z Raftani Amiri, E Sadeghi Journal of Food Research	
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AZ Raftani, KR Esmaeilzadeh, E Sadeghi JOURNAL OF FOOD RESEARCH (UNIVERSITY OF TABRIZ) 30 (3002007), 151-167	
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<u>Investigation of the production of free radicals in ultraviolet irradiation using SnO<sub>2</sub>: Eu nanoparticles</u>	2019
E Sadeghi, M Karimi, M Sharifi, M Zahedifar	

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Radiation Safety and Measurement 8 (2), 9-12	
<u>از راه مقایسه‌ی پاسخ C3O2α-Al (500-TLD) بررسی پارامترهای سینتیک دامهای عمیق دزیمتر گرمالیانی انتقال یافته‌ی نوری تجربی با مدل نظری</u>	2019
هارونی, زاهدی فر, رمضانی مقدم آرانی, احمد, صادقی, محابی مجله علوم و فنون هسته ای ۴۰ (۱)، ۱۵-۱۰	
<u>بررسی تولید رادیکال های آزاد در پرتوگیری امواج فرابنفش با استفاده از نانوذرات SnO2: Eu</u>	2019
صادقی احسان, کریمی مرأت, شریفی مرضیه, زاهدی فر مصطفی سنچش و اینمی پرتو ۷ (۲۰۰۹۵۵)، ۱۲-۹	
<u>Synthesis of ZnS: Mn Nanoparticles And Investigaton of Its Ability to Produce Reactive Oxygen Species</u>	2018
E Sadeghi, M Zahedifar, Z Mahmoodian Journal of Research on Many-body Systems 8 (17), 59-65	
<u>و بررسی توانایی تولید گونه‌های فعال اکسیژن توسط آنها ZnS: Mn</u> ساخت نانوذرات	2018
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<u>ساخت دزیمتر لیتیم فلوراید آلایده با استرانسیم و سریم به روش ذوب و مطالعه خواص ترمولومینسانس آن</u>	2018
خلیفه شوشتری, مقداد, صادقی, زاهدی فر سنچش و اینمی پرتو ۷ (۲)، ۸-۱	
<u>Fabrication of LiF: Sr, Ce dosimeter using melting method and study of its thermoluminescence properties</u>	2018
M Khalifeh-Shoushtari, E Sadeghi, M Zahedifar Radiation Safety and Measurement 7 (2), 1-8	

<u>TITLE</u>	<u>YEAR</u>
<u>سنتر نانوذرات منیزیم سولفات آلاییده شده با مس به روش هیدروترمال و بررسی خاصیت ترمولومینسانس آن‌ها در پرتوهای گاما</u> الماضی فرد، صادقی، زاهدی فر، هارونی آرانی سنچش و اینمنی پرتو ۶ (۲)، ۱۲-۷	2017
<u>Synthesis of MgSO<sub>4</sub> nanoparticle doped with Cu by hydrothermal method and investigation of its thermoluminescence properties in gamma irradiation</u> F Almasifard, E Sadeghi, M Zahedifar, S Harooni Radiation Safety and Measurement 6 (2), 7-12	2017
<u>Moderating Role of Political Skills in the Relation between Negative Work-Family Spillover and Psychosomatic Complaints</u> M Golparvar, E Sadeghi, H Sarhangpour, E Estabraghi International Journal of Psychology (IPA) 10 (1), 118-143	2017
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<u>و بررسی خصوصیات ذیپتربی آن Yb با ناخالصی SrF<sub>2</sub> سنتر نانوذرات</u> کاشفی بیرون، صادقی، زاهدی فر مجله سنچش و اینمنی پرتو ۳ (۴)، ۳۷-۱۴	2015
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<u>Synthesis of pure NaCl particles with different sizes and investigation of their thermoluminescence properties under <math>\text{^3}\text{I}</math> irradiation</u> M Mehrabi, M Zahedifar, Z Saeidi, M Modaress, E Sadeghi Radiation Safety and Measurement 4 (2), 27-32	2015

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Maryam Kashefi biroon, Ehsan Sadeghi, Mostafa Zahedifar IJRSM 3, 37-41	
<u>The separation of gamma and neutron doses in mixed gamma-neutron radiation field using <math>\alpha</math>-Al<sub>2</sub>O<sub>3</sub>:C (TLD-500) dosimeter</u>	2015
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Archaeology dating of pottery samples obtained from center of Iran by using  
thermoluminescence technique

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