



Majid Rashidi Huyeh

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Education

- ✓ B.Sc, Applied Physics, Ferdowsi University of Mashhad - 1994
- ✓ MS, Physics-Atomics, IASBS - 1997
- ✓ PhD, Physics of Solid Particles, Paris 6 - 2006

Courses

- | | |
|----------------------|---|
| 1. Electrodynamics 1 | 2. Computational Physics |
| 3. Electromagnetism1 | 4. Computational Physics of Nanometer Systems |
| 5. Electromagnetism2 | 6. Analytical Mechanics2 |
| 7. Second Language 3 | 8. Second Language 1 |

Master Thesis

1. Cooling dynamics of metal nanoparticles embedded in a dielectric medium under the pulse laser: nanoparticle concentration effect

سیدامید صفوی, [Majid Rashidi Huyeh]

نیمسال اول سال تحصیلی 93-94

Journals Papers

2021

1. Optical Properties of Gold Nanoparticles: Shape and Size Effects

, Majid Rashidi Huyeh

International Journal of Optics and Photonics Volume: (15) 41 - 48

2017

2. Enhancement of the thermo-optical response of silver nanoparticles due to surface plasmon resonance

Sakineh Hashemizadeh, Majid Rashidi Huyeh, b p

JOURNAL OF APPLIED PHYSICS Volume: (122) 1 - 7

2016

3. Production of luster glaze on opal tableware using zarinfam technique and characterization of its structure and color

Fahimeh Razavi, Majid Rashidi Huyeh,

APPLIED PHYSICS A-MATERIALS SCIENCE and PROCESSING Volume: (122) 4901 - 4908

2015

4. Persian turquoise glazed bodies reproduction and optical properties

Mahdi Shafiee Afarani, Alimohamad Mesbahinia, Majid Rashidi Huyeh

APPLIED PHYSICS A-MATERIALS SCIENCE and PROCESSING Volume: (118) 1183 - 1188

5. Persian turquoise glazed bodies: reproduction and optical properties

, Majid Rashidi Huyeh, Mahdi Shafiee Afarani

APPLIED PHYSICS A-MATERIALS SCIENCE and PROCESSING Volume: (118) 1183 - 1188

2014

6. Silver Nanocolloid Synthesis Optical and Thermo-Optical Properties

Majid Rashidi Huyeh

Advanced Materials Research Volume: (829) 670 - 674

7. Production and Characterization of a Lustre Glaze on Arcopal Body

Majid Rashidi Huyeh

Volume: (1) 75 - 83

8. Formation of Silver Nanoparticles and Lead Oxide Sub-Micron Particles in the Lustre Glaze of Il-Khanate Dynasty and Influence of Silver Nanoparticles Concentration on the Glaze Color

, Majid Rashidi Huyeh, , Mahdi Shafiee Afarani

Volume: (8) 333 - 383

2013

9. Influence of interface thermal resistance on relaxation dynamics of metal-dielectric nanocomposite materials under ultrafast pulse laser excitation

Majid Rashidi Huyeh

Transport Phenomena in Nano and Micro Scales Volume: (1) 103 - 109

2012

10. Thermo-optical properties of embedded silver nanoparticles

Majid Rashidi Huyeh

JOURNAL OF APPLIED PHYSICS Volume: () 103101 -

11. Study of Thermal Conductivity of Nano-fluids Containing Gold Nanoparticles Using Moir Deflectometry

Majid Rashidi Huyeh,

International Journal of Green Nanotechnology Volume: (3) 385 - 388

2009

12. Influence of laser pulse characteristics on the hot electron contribution to the third-order nonlinear optical response of gold nanoparticles

Majid Rashidi Huyeh

physical review b Volume: (79) -

2008

13. Gold nanoparticle assemblies Thermal behaviour under optical excitation

Bruno Palpant, Yannick Yannick Guillet, Majid Rashidi Huyeh, Dominique Dominique Prot

gold bulletin Volume: () -

14. Non-Fourier heat transport in metal-dielectric core-shell nanoparticles under ultrafast laser pulse excitation

Majid Rashidi Huyeh, S. S. Volz , B B. Palpant

physical review b Volume: () -

15. Gold nanoparticle assemblies interplay between thermal effects and optical response

Majid Rashidi Huyeh

gold bulletin Volume: (41) -

2007

16. Highly dispersive thermo-optical properties of gold nanoparticles

bruno palpant, Majid Rashidi Huyeh, Bruno Gallas, Stephane Chenot, Serge Fisson

applied physics letters Volume: () -

Conferences Papers

2020

1. Magnetite/Silica/Silver Nanoparticles: Synthesis and Optical Properties

Afsaneh Latifi, Majid Rashidi Huyeh, Hamid Reza Shaterian

2. Optical properties of a thin film of titanium dioxide nanotube containing silver

Sayed kamran Taherian ghahfarokhi, Majid Rashidi Huyeh

3. Optical properties of the lustre glaze produced on copper shield

Tahere Usfzaii, Majid Rashidi Huyeh,

4. Optical Properties of Gold Nanoparticles: Shape and Size Effects

Iranian Nano-Photonic Conference 2020

, Majid Rashidi Huyeh

2019

5. Simulation of heat transfer in fluids through conduction and convection using Moiré deflectometry

Afsaneh Rjai, Majid Rashidi Huyeh

2008

6. Cooling Dynamics of a Gold Nanoparticle in a Host Medium Under Ultrafast Laser Pulse Excitation A Ballistic-Diffusive Approach

Proceeding of MNHT2008

Majid Rashidi Huyeh, Sebastian Volz Volz , Bruno Palpant Palpant