



## آزاده حکمت

استادیار

دانشکده: علوم و فناوری‌های همگرا

سوابق تحصیلی			
مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۴	زیست شناسی	دانشگاه الزهرا فارغ التحصیل رتبه دوم
کارشناسی ارشد	۱۳۸۶	بیوفیزیک	دانشگاه تهران- فارغ التحصیل رتبه اول
دکترای تخصصی	۱۳۹۱	بیوفیزیک	دانشگاه تهران- فارغ التحصیل رتبه اول
فوق دکتری	۱۳۹۳	بیوفیزیک- نانومواد	دانشگاه تهران و ستاد توسعه فناوری نانو

اطلاعات استخدامی				
محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشکده علوم و فناوری های همگرا	عضو گروه تخصصی زیست شناسی	پیمانی	تمام وقت	۵

### سوابق اجرایی

مدیر گروه زیست شناسی (مقطع کارشناسی) زیست شناسی سلولی و مولکولی-زیست شناسی گیاهی- میکروبیولوژی- زیست شناسی عمومی

### جوایز و تقدیر نامه ها

رتبه اول مسابقات سراسری قرآن و عترت- بخش سیره معصومین ۱۳۹۸

رتبه اول مسابقات سراسری قرآن و عترت- بخش تفسیر قرآن ۱۳۹۷

رتبه اول مسابقات سراسری قرآن و عترت- بخش احکام ۱۳۹۶

لوح و نشان فارغ التحصیل رتبه اول دانشگاه تهران ۱۳۸۸

لوح تقدیر پژوهشگر برتر دانشگاه تهران ۱۳۹۲

لوح تقدیر استاد نمونه اخلاقی فرهنگی تربیتی دانشگاه آزاد اسلامی ۱۳۸۹

رتبه اول مسابقات سراسری قرآن و عترت- بخش سیره معصومین ۱۳۹۸

رتبه اول مسابقات سراسری قرآن و عترت- بخش تفسیر قرآن کریم ۱۳۹۷

رتبه اول مسابقات سراسری قرآن و عترت- بخش احکام ۱۳۹۶

## کارگاه ها

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برگزاری کارگاه "اصول طیف‌سنجی مادون قرمز و کاربردهای آن در علوم زیستی" در نهمین کنفرانس بین‌المللی و بیست و یکمین کنفرانس ملی زیست‌شناسی بهمن ماه ۱۳۹۹

برگزاری کارگاه مجازی "انواع روش‌های سنجش بقای سلولی" آذرماه ۱۳۹۹

برگزاری کارگاه تئوری و عملی "سنجش بقای سلولی با روش MTT: بایدها و نبایدها" دیماه ۱۳۹۸

برگزاری نشست تخصصی "ریزجاذبه و ساز و کار سلولی و مولکولی" آذرماه ۱۳۹۷ به مناسبت هفته پژوهش

برگزاری کارگاه تئوری و عملی "سنجش فعالیت آنزیمی بدون کیت (از محلول‌سازی تا سنجش فعالیت)" آذرماه ۱۳۹۷

برگزاری کارگاه تئوری و عملی "آشنایی با اصول طیف‌سنجی‌های UV-Vis و FT-IR و تحلیل نتایج حاصله" تیرماه ۱۳۹۷

## همایش ها و کنفرانس ها

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عضو کمیته داوران بیست و یکمین کنگره ملی و نهمین کنگره بین‌المللی زیست‌شناسی ایران، بهمن ۱۳۹۹

عضو کمیته داوران بیست‌مین کنگره ملی و هشتمین کنگره بین‌المللی زیست‌شناسی ایران، شهریور ۱۳۹۷

دبیر اجرایی اولین کنفرانس ملی نانو از سنتز تا صنعت شهریور ۱۳۹۶

## عضویت در هیات تحریریه مجلات علمی و پژوهشی

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مدیر علمی و اجرایی فصلنامه کشت سلول و بافت‌کاریوتیک

عضو کمیته داوران نشریه علمی-پژوهشی شیمی و مهندسی شیمی ایران

## عضویت در انجمن‌های علمی

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انجمن بین‌المللی بیوفیزیک

انجمن ملی بیوشیمی فیزیک ایران

انجمن ملی بیوشیمی ایران

انجمن ملی حفاظت در برابر اشعه ایران

انجمن ملی کشت سلول و بافت ایران

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9. Kosar Mohsenpour, Azadeh Hekmat\*, Seyed Mohammad Atyabi, and Haleh Bakhshandeh ,The Effect of TiO<sub>2</sub> Nanoparticles with Different Coating on the Structure of DNA ,The 27thConference onOrganic Chemistry ,Urumia University ,21-23Aug 2019
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11. S. Alijani, A. Hekmat\* and S. Khavarynejad ,The effect of Saponin derived from Tribulus terrestris on the activity of  $\alpha$ -glucosidase ,The 3th national conference on Biology of Payam Noor University ,Sary ,2019
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3. Influence of low-level Laser and Palm Oil on induced cytotoxicity in blood cancer cells K562
4. Synthesis, Characterization, and investigation of labeled carbon quantum dots by  $^{99m}\text{Tc}$  and evaluation of their bio-distribution
5. Effect of Simulated microgravity condition on cells proliferation and myostatin gene expression in C2C12 cell line
6. The effect of microgravity on the expression of claudin genes in MCF-7 and MDA-MB-231 breast cancer cell lines
7. The effects of microgravity simulation on Histone structure and Histone gene regulation in (breast cancer cell line (MDA-MB-231
8. Nanodiamonds and Human chorionic gonadotropin (hCG) interaction investigation
9. Comparative study of cold-plasma treated medium cultured and doxorubicin treated MCF-7 cell-line using flow cytometric assay
10. The effect of saponin derived from Tribulus terrestris on the activity and structure of  $\alpha$ -glucosidase
11. Study of the effect of TiO<sub>2</sub> nanoparticles with three different coating on the structure of DNA
12. The study of changing in the expression of proteins associated with breast cancer operative radiotherapy via proteomics techniques
13. The structural studies of Albumin protein extracted from Rat male mouse exposed to stimulated sound pollution
14. Preparation and Characterization of Agkistrodon halys snake venom containing sodium alginate Nanoparticles
15. Preparation and Characterization of Agkistrodon halys snake venom containing sodium alginate Nanoparticles
16. The study of the effect of silver nanoparticles in different coating surface on Human serum (album structure (as a protein model
17. Extraction of saponins from Tribulus terrestris and evaluation of its effects on Human serum Albumin (HSA) structure
18. Investigating the effects of Co<sub>3</sub>, Mn<sub>3</sub>, Zn<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub> nanoparticles on DNA structure
19. Synthesis of silver wire/graphen nanostructure and its interaction study on Human Serum Albumin (HSA) structure
20. The investigation of the effects of sound pollution on hCG hormone structure
21. The structural effects of nanoparticles of titanium dioxide (TiO<sub>2</sub> NPs) and paclitaxel drug for breast cancer treatment on ctDNA macromolecules
22. The investigation of the effects of grand Tehran bazar and sadeqieh subway sound pollution on Blood serum from vistar male mouse: chemometrics and proteomics point of view
23. The study of the effects of gravity and microgravity on thermo dynamical parameters of binding of AgNPs to DNA macromolecules
24. The Study of the Activity Assay of carbonic anhydrase in the present of sodium oxalate and Regenerative Ethylenediamine
25. The Study of microgravity on Human Serum Albumin (HSA) structure in different time
26. The Structural Effects of Diamond Nanoparticles (Diamond NPs) and Paclitaxel Drug for Breast Cancer Treatment on ct-DNA Macromolecule
27. The study of structural changes of Human serum albumin (HSA) in present of Diamond Nanoparticles and Paclitaxel, drug for breast cancer treatment
28. The study of the effects of microgravity on TiO<sub>2</sub> nanoparticles binding to ct-DNA in space



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۱. اصول و مبانی طیف سنجی فروسرخ و کاربردهای آن در علوم زیستی
  ۲. (Book: Protein Kinase Inhibitors (From Discovery to Therapeutics
  ۳. اصول و مبانی بیوفیزیک