بسمه تعالی

رزومه دکتر کیومرث زرگوش



1. مشخصات فردی

دکتر کیومرث زرگوش عضو هیات علمی دانشگاه صنعتی اصفهان، دانشیار دانشکده شیمی

دکترای شیمی تجزیه از دانشگاه تربیت مدرس

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2. سوابق آموزشی، اجرایی و پژوهشی

اينجانب مجري 5 طرح تحقيقاتي خاتمه یافته برگزار کننده 9 عنوان کارگاه تخصصی، مولف دو عنوان کتاب ، نويسنده 39 مقاله ISI و 15 مقاله در کنفرانس های ملی و هستم. به ترتیب عناوین این فعالیت ها ذکر می گردد:

1.2. طرح هاي صنعتي خاتمه يافته مجري

طرح هاي صنعتي پايان يافته کيومرث زرگوش

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| نوع همكاري | وضعيت طرح | مدت اجرا | محل اجرا | عنوان طرح |
| مجري | خاتمه يافته | 1 سال | توانير | تحليل فني و اقتصادي توليد پوشش هاي عايق سيليکوني در داخل کشور |
| مجري | خاتمه يافته | 18 ماه | توانير | تعيين وضعيت کهولت و خوردگي پوشش هاي عايق سيليکوني مورد استفاده در صنعت برق، روش هاي تخمين طول عمر باقي مانده آنها و روش هاي افزايش طول عمر باقي مانده آنها |
| مجري | خاتمه يافته | 18 ماه | وزارت دفاع |  شناسايي عوامل کهولت پليمرهاي پايه پلي يورتان و روشهاي تعيين کهولت آنها، تخمين طول عمر آنها و بررسي معضلات زيست محيطي آنها |
| مجري | خاتمه يافته | 1 سال | شرکت ملي گاز | امکان سنجي استفاده از بودارکننده آکريلاتي در صنعت گاز و تحليل فني و اقتصادي آن |
| مجري | خاتمه يافته | 1 سال | چرم سازي مدرن چرم | حذف چربي از پساب صنايع چرم ايران |

2.2. سوابق برگزاري کارگاههای تخصصی در آزمايشگاه و صنعت توسط مجری

کارگاه استانداردهای نمونه برداری در صنعت نفت مخصوص نمونه های جامد

کارگاه تکنيک هاي اساسي در آزمايشگاه نفت

کارگاه تکنیک های شناسایی کمی و کیفی رسوب های صنعتی

کارگاه محلول سازي آزمايشگاه نفت و گاز

کارگاه جذب اتمی

کارگاه گزارش نويسي فني

کارگاه ايمني در آزمايشگاه و صنعت

کارگاه انگيزش رفتار ايمن در محيط کار

کارگاه ايمني فرايند

کارگاه تحليل نقاط مستعد ايجاد حادثه و روش هاي جلوگيري از تکرار حوادث

کارگاه ذخيره سازي مواد شيميايي

کارگاه بازرسی انبار مواد شیمیایی

3.2 کتب تاليفي مجری

 عناوین کتب تالیفی اینجانب عبارتند از:" ايمني و بهداشت در آزمايشگاه و صنعت" و " ساختار شيميايي و کنترل کيفيت پوشش­هاي عايق سيليکوني(RTV) مورد استفاده در صنعت برق" . سرفصل کتاب ايمني و بهداشت در آزمايشگاه و صنعت زيراست:

فصل اول: اصول و اخلاق ايمني

فصل دوم: آمادگي در مقابل شرايط اضطراري

فصل سوم: فهم خطرات آزمايشگاه و ارتباط برقرارکردن در مورد آنها

فصل چهارم: مواد سمي و عوامل بيولوژيک

فصل پنجم: خطرهاي فيزيکي

فصل ششم: برآورد خطر

فصل هفتم: کم کردن، کنترل­کردن و مديريت­کردن خطرات

فصل هشتم: مديريت مواد شيميايي (بازرسي، ذخيره سازي، پسماندها و امنيت)

سرفصل کتاب ساختار شيميايي و کنترل کيفيت پوشش­هاي عايق سيليکوني(RTV) مورد استفاده در صنعت برق به صورت زيراست:

فصل اول: مقدمه اي بر ساختار شيميايي، خواص و دسته­بندي لاستيک هاي سيليکوني با قابليت پخت در دماي اتاق

فصل دوم: معرفي پارامترهاي تعيين­کننده کارايي و کهولت پوشش­هاي RTV ، استانداردها و تکنيک هاي مربوطه و روش هاي بازرسي از مقره هاي داراي پوشش RTV

فصل سوم: اعمال پوشش هاي RTVبر روي مقره هاي چيني، روش هاي پاکسازي سطح مقره، کنترل کيفيت پوشش،افزايش طول عمر پوشش و زدودن پوشش­هاي فرسوده، تنظيم قرارداد خريداري و اعمال پوشش RTV

این کتاب رتبه اول کتاب سال وزارت نیرو را کسب کرده است.

**4.2. مقالات چاپ شده توسط مجری در مجلات بين المللي.**

#### Cadmium and Lead Removal from Aqueous Solution Using Magnetite Nanoparticles Biofabricated from Portulaca oleracea Leaf Extract

[Hassan, P.B.](https://www.scopus.com/authid/detail.uri?authorId=57881605900), [Rasheed, R.O.](https://www.scopus.com/authid/detail.uri?authorId=57198426880), [Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800)

[Journal of Nanomaterialsthis link is disabled](https://www.scopus.com/authid/detail.uri?authorId=26657784800#disabled), 2022, 2022, 1024554

#### Synthesis and application of amine-sulfone-rich mesoporous organic polymer for the ultrafast removal of both cationic and anionic organic pollutants from industrial wastewaters

[Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800), [Naghshineh, H.](https://www.scopus.com/authid/detail.uri?authorId=57265005900), [Soltani, R.](https://www.scopus.com/authid/detail.uri?authorId=54409506500), [Dinari, M.](https://www.scopus.com/authid/detail.uri?authorId=16230322000)

[Journal of Applied Polymer Sciencethis link is disabled](https://www.scopus.com/authid/detail.uri?authorId=26657784800#disabled), 2022, 139(8), 51671

#### Fast and selective determination of the gasodor S-free using ion mobility spectrometer equipped with corona discharged ionization source: Theoretical study, experimental optimization and field test

[Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800), [Salmanian, M.](https://www.scopus.com/authid/detail.uri?authorId=57484160200), [Tabrizchi, M.](https://www.scopus.com/authid/detail.uri?authorId=55944808900), [Farrokhpour, H.](https://www.scopus.com/authid/detail.uri?authorId=23666808900)

[Fuelthis link is disabled](https://www.scopus.com/authid/detail.uri?authorId=26657784800#disabled), 2022, 318, 123597

#### omparative study on the adsorption characteristics of a triazine-Si hybrid polymer adsorbent and the natural adsorbents for removal of methylene blue from industrial wastewaters

[Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800), [Ashrafzade, S.](https://www.scopus.com/authid/detail.uri?authorId=57703897000), [Afshari, M.](https://www.scopus.com/authid/detail.uri?authorId=57190160927), [Dinari, M.](https://www.scopus.com/authid/detail.uri?authorId=16230322000), [Moradi Aliabadi, H.](https://www.scopus.com/authid/detail.uri?authorId=57211644672)

[Journal of Applied Polymer Sciencethis link is disabled](https://www.scopus.com/authid/detail.uri?authorId=26657784800#disabled), 2022, 139(30), e52679

#### Synthesis and application of the fluorescent furan and imidazole probes for selective in vivo and in vitro cancer cell imaging

[Mehdizadeh Naderi, P.](https://www.scopus.com/authid/detail.uri?authorId=56803846900), [Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800), [Qandalee, M.](https://www.scopus.com/authid/detail.uri?authorId=14014593600), ...[Moasses Ghafary, S.](https://www.scopus.com/authid/detail.uri?authorId=57196278847), [Durán-Valle, C.J.](https://www.scopus.com/authid/detail.uri?authorId=6602364130)

[Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopythis link is disabled](https://www.scopus.com/authid/detail.uri?authorId=26657784800#disabled), 2022, 279, 121455

#### Synthesis of samarium orthoferrite-based perovskite nanoparticles as a turn-on fluorescent probe for trace level detection of picric acid

[Kayhomayun, Z.](https://www.scopus.com/authid/detail.uri?authorId=57215491506), [Ghani, K.](https://www.scopus.com/authid/detail.uri?authorId=24597364700), [Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800)

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#### Synthesis of a luminescent g-C3N4-WO3-Bi2WO6/SrAl2O4:Eu2+,Dy3+nanocomposite as a double z-scheme sunlight activable photocatalyst

[Aliabadi, H.M.](https://www.scopus.com/authid/detail.uri?authorId=57217068727), [Zargoosh, K.](https://www.scopus.com/authid/detail.uri?authorId=26657784800), [Afshari, M.](https://www.scopus.com/authid/detail.uri?authorId=57190160927), [Dinari, M.](https://www.scopus.com/authid/detail.uri?authorId=16230322000), [Maleki, M.H.](https://www.scopus.com/authid/detail.uri?authorId=56803429300)

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