رزومه کاری سید امین موسوی

اطلاعات شخصي

تاریخ تولد: ۱۳۶۴/۳/۱۸

نام خانوادگی: موسوی

نام: سيد امين

s.a.mousavi@ut.ac.ir :ايميل

تلفن: ۹۱۹۲۹۷۷۴۷۷

تحصيلات

دانشجوی دکتری، مهندسی عمران – گرایش زلزله، دانشگاه تهران (۱۳۹۲ – تا کنون)

کارشناسی ارشد، مهندسی عمران - گرایش زلزله، دانشگاه تهران (۱۳۸۷–۱۳۸۹)

کارشناسی، مهندسی عمران، دانشگاه صنعتی امیر کبیر (۱۳۸۲–۱۳۸۷)

مقالات

مجلات ISI

- 1. **Mousavi SA**, Zahrai SM, Bargi K. (2012), "Optimum geometry of tuned liquid column-gas damper for control of offshore jacket platform vibrations under seismic excitation," *Earthquake Engineering and Engineering Vibration*, 11(4), 579-592.
- 2. **Mousavi SA**, Ghorbani-Tanha SA (2012), "Optimum placement and characteristics of velocity-dependent dampers under seismic excitation," *Earthquake Engineering and Engineering Vibration*, 11 (3), 403-414.
- 3. **Mousavi SA**, Bargi K, Zahrai SM (2013), "Optimum parameters of tuned liquid column-gas damper for mitigation of seismic-induced vibrations of offshore jacket platforms," *Structural Control and Health Monitoring*, **20** (3), 422-444.
- 4. **Mousavi SA**, Zahrai SM, Bahrami-Rad A, (2014), "Quasi-static cyclic tests on super-lightweight EPS concrete shear walls," *Engineering Structures*, 65, 62-75.
- 5. **Mousavi SA**, Zahrai SM, Saatcioglu M. (2015), "Toward buckling free tension-only braces using slack free connections", *Journal of Constructional Steel Research*, 115, 329-345.
- Dezvareh R, Bargi, K., Mousavi SA, (2015), "Control of wind/wave induced vibrations of jacket-type offshore wind turbines through tuned liquid column gas dampers," *Structure and Infrastructure Engineering*, DOI: 10.1080/15732479.2015.1011169.
- 7. Zahrai SM, Gholipour Khalili B, **Mousavi SA**, (2015), "Seismic behavior of steel frames with lightweight-low strength industrialized infill walls," *Earthquakes and Structures*, Vol. 9, No. 6, 1273-1290.
- 8. **Mousavi SA**, Zahrai SM. (2016), "Contribution of pre-slacked cable braces to dynamic stability of non-ductile frames; an analytical study", *Engineering Structures*, 117, 305-320.
- 9. **Mousavi SA**, Bastami M, Zahrai SM. (2016), "Large-Scale Seismic Isolation (LSSI) through regulated liquefaction", *Earthquake Engineering and Engineering Vibration*, Accepted, In press.

١

رزومه کاری سید امین موسوی

10. Bargi K, Dezvreh R, **Mousavi SA**, (2016), "Contribution of tuned liquid column gas dampers on performance of offshore wind turbines under wind, wave, and seismic excitations," *Earthquake Engineering and Engineering Vibration*, Accepted, In press.

- 11. Zahrai SM, **Mousavi SA**, Saatcioglu M (2016), "Hybrid tension-only brace to reduce seismic response and residual displacement," Earthquake and Structures, Under review.
- 12. **Mousavi SA**, Zahrai SM. (2016), "Slack free connections to improve seismic behavior of tension-only braces; an experimental and analytical study", *Engineering Structures*, Under review.

مجلات علمی۔ پژو هشی

- Zahrai SM, Mousavi SA (2012), "Suitable energy dissipation device for private typical buildings with poor seismic performance," *Journal of Seismology and Earthquake Engineering*, Vol. 14, No. 2.131-143.
- Mousavi SA, Bargi K, (2013), "Enhancing seismic capacity of pile-supported wharves using yielding dampers," *Journal of Structures*, Vol. 2013, Article ID 329130, doi:10.1155/2013/329130.
- Mousavi SA, Bahrami-Rad A (2013), "JK panel, a novel three dimensional interconnected reinforcement for concrete shear walls," *Applied Mechanics and Materials*, Vols. 256-259, pp 629-634.

کنفرانس های ملی و بین المللی

- C1. **Mousavi SA**, Bargi K, (2010), "Metallic Dampers for Retrofit of Pile-Supported Wharves", *The 9th International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2010)*, Tehran, Iran.
- C2. **Mousavi SA**, Bahrami-Rad A, Karkuti A, (2013), "JK System, a New Structural System and Construction Technology", *The 4th National Conference on Earthquake & Structure*, Kerman, Iran, 71-80. C3. **Mousavi SA**, Zahrai SM, (2013), "Rebar Brace Equipped with Slack Free Connection to Reduce Seismic Vibration", 3rd International Conference on Acoustics and Vibration, ISAV2013, Tehran Iran.

سوابق آموزشی و پژوهشی

- دستیار آموزشی، دانشکده فنی، دانشگاه تهران (۱۳۹۲ تا کنون)
- دستیار پژوهشی، دانشکده فنی، دانشگاه تهران (۱۳۹۲ تا کنون)
 - مدرس موسسه سازه ۸۰۸ (۱۳۹۴)
 - داوری در مجلات ISI گوناگون

سوابق کاری

مدیر تحقیق و توسعه، شرکت سبک سازان سریع، تهران (۱۳۹۰ - تا کنون)

مشاور فنی، شرکت فراسازان آویژه، تهران (۱۳۹۴ - تا کنون)

ر زومه کاری سید امین موسوی

افتخارات

- رتبه اول مابین ورودی های ۹۲ دوره دکتری، مهندسی عمران –گرایش زلزله، دانشگاه تهران
- رتبه اول مابین ورودی های ۸۷ کارشناسی ارشد، مهندسی عمران –گرایش زلزله، دانشگاه تهران
 - پذیرش در دوره دکتری بدون آزمون از طریق سهمیه استعدادهای درخشان
 - عضو بنیاد ملی نخبگان