سارا خمسه

دانشیار

پژوهشکده: پوشش های سطح و فناوری های نوین

گروه پژوهشی: نانو فناوری رنگ

سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
دکتری	۲۰۰۹	Nano and Functional Materials science	University of Toyama
فوق دکتری	۲۰۱۱	Nanoelectronics	University of Toyama

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
پژوهشگاه رنگ	عضو هیات علمی	رسمی آزمایشی	تمام وقت	

مقالات در نشریات

۱. Mohammad Reza Derakhshandeh, Mohammad Javad Eshraghi, Masoumeh Javaheri, Sara Khamseh, Morteza Ganjaee Sari, Payam Zarrintaj, Mohammad Reza Saeb, Masoud Mozafari،Diamond-like carbon-deposited films: a new class of biocorrosion protective coatings،Surface Innovations،مجلد ۶،شماره صفحات ۲۶۶-۲۷۶،۲۰۱۸/۵/۱۵.

۲. Mousa Sadeghi و Kiakhani, Sara Khamseh, Akbar Rafie, Seyed Mohsen Fatemi Tekieh, Payam Zarrintaj, Mohammad Reza Saeb،Thermally stable antibacterial wool fabrics surface-decorated by TiON and TiON/Cu thin films،Surface Innovations،مجلد ۶،شماره صفحات ۲۵۸-۲۶۵،۲۰۱۸/۴/۱۳.

3. Maryam Ataeefard, Sara Khamseh,Design of conductive pattern on recycled paper,Pigment & Resin Technology,2019/6/27.

4. Ali Nemati, Mahsa Saghafi, Sara Khamseh, Eiman Alibakhshi, Payam Zarrintaj, Mohammad Reza Saeb,Magnetron-sputtered TixNy thin films applied on titanium-based alloys for biomedical applications: Composition-microstructure-property relationships,Surface and Coatings Technology,No. 349,pp. 251-259,2018/9/15.

5. Sara Khamseh, Eiman Alibakhshi, Mohammad Mahdavian, Mohammad Reza Saeb, Henri Vahabi, Ninel Kokanyan, Pascal Laheurte,Magnetron-sputtered copper/diamond-like carbon composite thin films with super anti-corrosion properties,Surface and Coatings Technology,Vol. 333,pp. 148-157,2018/1/15.

6. Sara Khamseh, Seyed Mohsen Tekieh Fatemi, Behzad Koozegar kaleji, Mousa Sadeghi ,&

Kiakhani,Investigations on sputter-coated cotton fabric with regard to their microstructure, antibacterial, hydrophobic properties and thermal stability,The Journal of The Textile .Institute,Vol. 108,pp. 2184-2190,2017/12/2
.7 Sara Khamseh et al.,High-performance hybrid coatings based on diamond-like carbon and .copper for carbon steel protection,Diamond and Related Materials,Vol. 80,pp. 84-92,2017/11/1
.8 S Khamseh, H Araghi,A study of the oxidation behavior of CrN and CrZrN ceramic thin films prepared in a magnetron sputtering system,Ceramics International,Vol. 42,pp. .9988-9994,2016/6/1
.9 S Khamseh, H Araghi, M Ghahari, MA Faghihi Sani,Microstructure and thermochromic .properties of VOX–WOX–VOX ceramic thin films,Applied Physics A,Vol. 122,pp. 231,2016/3/1
.10 S Khamseh, F Abdollahzadeh Davani, A Samimi,The effects of RF-sputtered TiO2 top layer on pore structure of composite ceramic membranes,Surface and Coatings Technology,Vol. 258,pp. .1256-1258,2014/11/15
.11 S Khamseh,Synthesis and characterization of tungsten oxynitride films deposited by reactive .magnetron sputtering,Journal of Alloys and Compounds,Vol. 611,pp. 249-252,2014/10/25
.12 S Khamseh,A study of the oxidation behavior of multilayered tungsten nitride/amorphous tungsten oxide film prepared in a planar magnetron sputtering system,Ceramics .International,Vol. 40,pp. 465-470,2014/1/1
.13 Sara Khamseh, Yuichiro Yasui, Koji Nakayama, Kimihiko Nakatani, Masayuki Mori, Koichi Maezawa,Effects of deposition conditions of first InSb layer on electrical properties of n-type InSb films grown with two-step growth method via InSb bilayer,Japanese Journal of Applied .Physics,Vol. 50,pp. 04DH13,2011/4/20
.14 Koji Nakayama, Kimihiko Nakatani, Sara Khamseh, Masayuki Mori, Koichi Maezawa,Step Hall Measurement of InSb Films Grown on Si (111) Substrate Using InSb Bilayer,Japanese Journal of .Applied Physics,Vol. 50,pp. 01BF01,2011/1/20
.15 S Khamseh, M Nose, T Kawabata, K Matsuda, S Ikeno,Influence of total gas pressure on the microstructure and properties of CrAlN films deposited by a pulsed DC balanced magnetron .sputtering system,Journal of Alloys and Compounds,Vol. 503,pp. 389-391,2010/8/6
.16 Masateru Nose, Tokimasa Kawabata, Sara Khamseh, Kenji Matsuda, K Fujii, Susumu Ikeno, Wen ,& An Chiou,Microstructure and properties of TiAlN/aC nanocomposite coatings prepared by .reactive sputtering,Materials transactions,pp. 0912280974-0912280974,2010/2/1
.17 S Khamseh, M Nose, T Kawabata, K Matsuda, S Ikeno,Oxidation resistance of CrAlN films with different microstructures prepared by pulsed DC balanced magnetron sputtering .system,Materials transactions,Vol. 51,pp. 271-276,2010/2/1
.18 S Khamseh et al.,A comparative study of CrAlN films synthesized by dc and pulsed dc reactive magnetron facing target sputtering system with different pulse frequencies,Journal of .Alloys and Compounds,Vol. 508,pp. 191-195,2010/10/15
.19 M Mori, S Khamseh, T Iwasugi, K Nakatani, K Murata, M Saito, K Maezawa,InSb films grown on the V-grooved Si (001) substrate with InSb bilayer,Physics Procedia,Vol. 3,pp. .1335-1339,2010/1/31
.20 Sara Khamseh, Masateru Nose, Tokimasa Kawabata, Atsushi Saiki, Kenji Matsuda, Kiyoshi Terayama, Susumu Ikeno,Effect of deposition conditions on the structure and properties of CrAlN films prepared by pulsed DC reactive sputtering in FTS mode at high Al content,Materials .transactions,pp. 0807220494-0807220494,2008/9/1
.21 Sara Khamseh, Masateru Nose, Shohei Ueda, Tokimasa Kawabata, Takekazu Nagae, Kenji Matsuda, Susumu Ikeno,Nanostructured CrAlN Films Prepared at Different Pulse Widths by Pulsed DC Reactive Sputtering in Facing Target Type System,Materials transactions,pp. .0810100573-0810100573,2008/11/1