

Salih Okur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/76422/publications.pdf>

Version: 2024-02-01

65
papers

1,682
citations

236925

25
h-index

302126

39
g-index

66
all docs

66
docs citations

66
times ranked

2102
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | VOC Mixture Sensing with a MOF Film Sensor Array: Detection and Discrimination of Xylene Isomers and Their Ternary Blends. <i>ACS Sensors</i> , 2022, 7, 1666-1675. | 7.8 | 36 |
| 2 | An Enantioselective e-Nose: An Array of Nanoporous Homochiral MOF Films for Stereospecific Sensing of Chiral Odors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3566-3571. | 13.8 | 72 |
| 3 | Identification of Mint Scents Using a QCM Based E-Nose. <i>Chemosensors</i> , 2021, 9, 31. | 3.6 | 27 |
| 4 | Sniff Species: SURMOF-Based Sensor Array Discriminates Aromatic Plants beyond the Genus Level. <i>Chemosensors</i> , 2021, 9, 171. | 3.6 | 5 |
| 5 | A photoprogrammable electronic nose with switchable selectivity for VOCs using MOF films. <i>Chemical Science</i> , 2021, 12, 15700-15709. | 7.4 | 28 |
| 6 | Towards a MOF e-Nose: A SURMOF sensor array for detection and discrimination of plant oil scents and their mixtures. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127502. | 7.8 | 50 |
| 7 | Water affinity guided tunable superhydrophobicity and optimized wettability of selected natural minerals. <i>Journal of Coatings Technology Research</i> , 2019, 16, 199-211. | 2.5 | 4 |
| 8 | Experimental and density functional theory study on humidity sensing properties of copper phthalocyanine (CuPc). <i>Materials Research Express</i> , 2019, 6, 105901. | 1.6 | 4 |
| 9 | CO gas sorption properties of ferrocene branched chitosan derivatives. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 308-313. | 7.8 | 30 |
| 10 | Effects of SiC particles size on electrochemical properties of electroless Ni-P-SiC nanocomposite coatings. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2016, 52, 632-636. | 1.1 | 15 |
| 11 | The effect of annealing temperature on the optical properties of a ruthenium complex thin film. <i>Thin Solid Films</i> , 2016, 612, 225-230. | 1.8 | 4 |
| 12 | Charge transfer through amino groups-small molecules interface improving the performance of electroluminescent devices. <i>Optical Materials</i> , 2016, 55, 94-101. | 3.6 | 9 |
| 13 | Synthesis and spectroscopic characterization on 4-(2,5-di-2-thienyl-1H-pyrrol-1-yl) benzoic acid: A DFT approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 152, 8-17. | 3.9 | 12 |
| 14 | Electrochemical Detection of a Cancer Biomarker mir-21 in Cell Lysates Using Graphene Modified Sensors. <i>Electroanalysis</i> , 2015, 27, 317-326. | 2.9 | 47 |
| 15 | Effect of Fe doping on the CO gas sensing of functional calixarene molecules measured with quartz crystal microbalance technique. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 464-470. | 7.8 | 24 |
| 16 | Sonochemically grown 1D ZnO nanostructures and their applications. <i>Proceedings of SPIE</i> , 2015, , . | 0.8 | 0 |
| 17 | Applications of Artificial Neural Network Technique to Polypyrrole Gas Sensor Data for Environmental Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 4392-4398. | 0.4 | 2 |
| 18 | CO adsorption kinetics of ferrocene-conjugated polypyrrole using quartz microbalance technique. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 325-331. | 7.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | VOC sensors based on a metal oxide nanofibrous membrane/QCM system prepared by electrospinning. <i>New Journal of Chemistry</i> , 2014, 38, 5761-5768. | 2.8 | 44 |
| 20 | Preparation of the ferrocene-substituted 1,3-distal p-tert-butylcalix[4]arene based QCM sensors array and utilization of its gas-sensing affinities. <i>Journal of Organometallic Chemistry</i> , 2014, 771, 9-13. | 1.8 | 23 |
| 21 | Structural investigation of a self-assembled monolayer material 5-[(3-methylphenyl) (phenyl) amino] isophthalic acid for organic light-emitting devices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 307-317. | 3.9 | 3 |
| 22 | Electrical properties of SAM-modified ITO surface using aromatic small molecules with double bond carboxylic acid groups for OLED applications. <i>Applied Surface Science</i> , 2014, 314, 1082-1086. | 6.1 | 29 |
| 23 | Morphological analysis of the antibacterial action of chitosan on gram-negative bacteria using atomic force microscopy. <i>Current Opinion in Biotechnology</i> , 2013, 24, S83. | 6.6 | 3 |
| 24 | Electrical Characterization of Interdigitated Humidity Sensors Based on CNT Modified Calixarene Molecules. <i>Acta Physica Polonica A</i> , 2013, 123, 461-463. | 0.5 | 3 |
| 25 | Electrical Characterization of CdS Nanoparticles for Humidity Sensing Applications. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3309-3313. | 3.7 | 59 |
| 26 | Morphology-dependent humidity adsorption kinetics of ZnO nanostructures. <i>Sensors and Actuators A: Physical</i> , 2012, 187, 37-42. | 4.1 | 30 |
| 27 | Humidity adsorption kinetics of a trypsin gel film. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 470-473. | 9.4 | 11 |
| 28 | Synthesis, FT-IR, FT-Raman, dispersive Raman and NMR spectroscopic study of a host molecule which potential applications in sensor devices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 126-133. | 3.9 | 6 |
| 29 | Synthesis and humidity sensing analysis of ZnS nanowires. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012, 44, 1103-1107. | 2.7 | 40 |
| 30 | Humidity Sensing Properties of Chitosan by Using Quartz Crystal Microbalance Method. <i>Sensor Letters</i> , 2012, 10, 906-910. | 0.4 | 18 |
| 31 | Humidity Sensing Properties of CdS Nanoparticles Synthesized by Chemical Bath Deposition Method. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 5606-5610. | 3.7 | 36 |
| 32 | Parameter Identification of the Langmuir Model for Adsorption and Desorption Kinetic Data. , 2011, , 97-106. | | 0 |
| 33 | Modification of ITO surface using aromatic small molecules with carboxylic acid groups for OLED applications. <i>Synthetic Metals</i> , 2011, 161, 2397-2404. | 3.9 | 31 |
| 34 | Humidity sensing properties of ZnO-based fibers by electrospinning. <i>Talanta</i> , 2011, 85, 1105-1111. | 5.5 | 67 |
| 35 | Magnetic layer formation on plasma nitrided CoCrMo alloy. <i>Surface and Coatings Technology</i> , 2011, 205, S280-S285. | 4.8 | 11 |
| 36 | New approach for consideration of adsorption/desorption data. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 4643-4648. | 3.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Synthesis and Raman spectroscopic investigation of a new self-assembly monolayer material 4-((3-methylphenyl)amino)benzoic acid for organic light-emitting devices. Journal of Raman Spectroscopy, 2011, 42, 1682-1689. | 2.0 | 3 |
| 38 | Investigation of humidity sensing properties of ZnS nanowires synthesized by vapor liquid solid (VLS) technique. Sensors and Actuators A: Physical, 2011, 167, 188-193. | 4.1 | 45 |
| 39 | Humidity-sensing properties of a ZnO nanowire film as measured with a QCM. Sensors and Actuators B: Chemical, 2011, 152, 115-120. | 7.8 | 76 |
| 40 | Humidity sensing properties of novel ruthenium polypyridyl complex. Sensors and Actuators B: Chemical, 2010, 151, 223-228. | 7.8 | 33 |
| 41 | Analysis of electronic parameters and interface states of boron dispersed triethanolamine/p-Si structure by AFM, I _V , C _V and G/ω ₀ techniques. Microelectronic Engineering, 2010, 87, 30-34. | 2.4 | 43 |
| 42 | High-mobility pentacene phototransistor with nanostructured SiO ₂ gate dielectric synthesized by sol-gel method. Microelectronic Engineering, 2010, 87, 635-640. | 2.4 | 34 |
| 43 | Humidity adsorption kinetics of water soluble calix[4]arene derivatives measured using QCM technique. Sensors and Actuators B: Chemical, 2010, 145, 93-97. | 7.8 | 35 |
| 44 | Humidity sensing properties of ZnO nanoparticles synthesized by sol-gel process. Sensors and Actuators B: Chemical, 2010, 145, 174-180. | 7.8 | 139 |
| 45 | CoCrMo alloy treated by floating potential plasma assisted nitriding and plasma based ion implantation: Influence of the hydrogen content and of the ion energy on the nitrogen incorporation. Surface and Coatings Technology, 2010, 204, 2913-2918. | 4.8 | 23 |
| 46 | A microstructural study of surface hydration on a magnesia refractory. Ceramics International, 2010, 36, 1731-1735. | 4.8 | 9 |
| 47 | Preparation and Characterization of Calcium Stearate Powders and Films Prepared by Precipitation and Langmuir-Blodgett Techniques. Industrial & Engineering Chemistry Research, 2010, 49, 1732-1736. | 3.7 | 51 |
| 48 | Humidity adsorption kinetics of calix[4]arene derivatives measured using QCM technique. Talanta, 2010, 81, 248-251. | 5.5 | 35 |
| 49 | Analysis of interface states of the pentacene organic thin-film phototransistor by conductance technique. Sensors and Actuators A: Physical, 2009, 149, 241-245. | 4.1 | 16 |
| 50 | Influence of crystallographic orientation on hydration of MgO single crystals. Ceramics International, 2009, 35, 2571-2576. | 4.8 | 10 |
| 51 | Electrical characterization of PEDOT:PSS beyond humidity saturation. Sensors and Actuators B: Chemical, 2009, 143, 177-181. | 7.8 | 140 |
| 52 | Electrical and interface properties of Au/DNA/n-Si organic-on-inorganic structures. Microelectronic Engineering, 2009, 86, 2305-2311. | 2.4 | 49 |
| 53 | Modification of metal/semiconductor junctions by self-assembled monolayer organic films. Microelectronic Engineering, 2009, 86, 2358-2363. | 2.4 | 11 |
| 54 | Local oxidation nanolithography on Hf thin films using atomic force microscopy (AFM). Journal Physics D: Applied Physics, 2009, 42, 105302. | 2.8 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Layered clay/epoxy nanocomposites: Thermomechanical, flame retardancy, and optical properties. <i>Journal of Applied Polymer Science</i> , 2008, 109, 834-840. | 2.6 | 40 |
| 56 | Scanning probe oxidation lithography on Ta thin films. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5640-5. | 0.9 | 1 |
| 57 | Effect of humidity on electrical conductivity of zinc stearate nanofilms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 302, 67-74. | 4.7 | 18 |
| 58 | MgB ₂ superconducting thin films sequentially fabricated using DC magnetron sputtering and thermionic vacuum arc method. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 466, 205-208. | 1.2 | 12 |
| 59 | Sub-bandgap optical absorption spectroscopy of hydrogenated microcrystalline silicon thin films prepared using hot-wire CVD (Cat-CVD) process. <i>Thin Solid Films</i> , 2006, 501, 121-124. | 1.8 | 7 |
| 60 | Diffusion length measurements of microcrystalline silicon thin films prepared by hot-wire/catalytic chemical vapor deposition (HWCVD). <i>Thin Solid Films</i> , 2006, 501, 137-140. | 1.8 | 8 |
| 61 | Electrical and mechanical properties of superconducting MgB ₂ /Mg metal matrix composites. <i>Superconductor Science and Technology</i> , 2006, 19, 359-364. | 3.5 | 7 |
| 62 | Low-Field Behavior of Ti-Added MgB_2/Cu Superconducting Wires. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3352-3355. | 1.7 | 3 |
| 63 | Electronic transport properties of microcrystalline silicon thin films prepared by VHF-PECVD. <i>Journal of Materials Science: Materials in Electronics</i> , 2004, 15, 187-191. | 2.2 | 11 |
| 64 | Structural and low-field magnetic characterization of superconducting MgB ₂ wires. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 415, 51-56. | 1.2 | 8 |
| 65 | Modification of Al ³⁺ oxide tunnel barriers with organic self-assembled monolayers. <i>Journal of Applied Physics</i> , 1999, 85, 7256-7262. | 2.5 | 2 |