

Yafei Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

159
citations

1307594

7
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

190
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A study on optical properties of Sb ₂ Se ₃ thin films and resistive switching behavior in Ag/Sb ₂ Se ₃ /W heterojunctions. Results in Physics, 2019, 13, 102228. | 4.1 | 30 |
| 2 | In ₂ Te ₃ thin films: a promising nonlinear optical material with tunable nonlinear absorption response. RSC Advances, 2016, 6, 103357-103363. | 3.6 | 24 |
| 3 | Flexible Electrodes-Based Smart Mattress for Monitoring Physiological Signals of Heart and Autonomic Nerves in a Non-Contact Way. IEEE Sensors Journal, 2021, 21, 6-15. | 4.7 | 15 |
| 4 | Memristive behavior in In ₂ Se ₃ asymmetrical hetero-structures. RSC Advances, 2017, 7, 46431-46435. | 3.6 | 13 |
| 5 | Hand Gesture Recognition Based on Single-Shot Multibox Detector Deep Learning. Mobile Information Systems, 2019, 2019, 1-7. | 0.6 | 10 |
| 6 | Ta Doping Effect on Structural and Optical Properties of InTe Thin Films. Nanomaterials, 2020, 10, 1887. | 4.1 | 10 |
| 7 | Caffeine Effect on Cognitive Function during a Stroop Task: fNIRS Study. Neural Plasticity, 2020, 2020, 1-8. | 2.2 | 10 |
| 8 | Nanostructure and Optical Property Investigations of SrTiO ₃ Films Deposited by Magnetron Sputtering. Materials, 2019, 12, 138. | 2.9 | 9 |
| 9 | Intrinsic mechanism in nonvolatile polycrystalline zirconium oxide sandwiched structure. Journal of Materials Science: Materials in Electronics, 2018, 29, 2301-2306. | 2.2 | 6 |
| 10 | A Review of Cerebral Hemodynamics During Sleep Using Near-Infrared Spectroscopy. Frontiers in Neurology, 2020, 11, 524009. | 2.4 | 6 |
| 11 | Annealing effect in a nitrogen atmosphere on structural and optical properties of In ₂ Te ₅ thin films. Optical Materials Express, 2017, 7, 4147. | 3.0 | 4 |
| 12 | Structural and Optical Properties of Ti-Doped InTe Thin Films. Journal of Physical Chemistry C, 2018, 122, 6267-6272. | 3.1 | 4 |
| 13 | Memristive switching behaviour in In ₂ Te ₅ asymmetrical heterostructures. Electronics Letters, 2018, 54, 169-171. | 1.0 | 4 |
| 14 | Effect of Light on Cognitive Function During a Stroop Task Using Functional Near-Infrared Spectroscopy. Phenomics, 2021, 1, 54. | 2.9 | 4 |
| 15 | Evaluation of the Short-Term Music Therapy on Brain Functions of Preterm Infants Using Functional Near-Infrared Spectroscopy. Frontiers in Neurology, 2021, 12, 649340. | 2.4 | 4 |
| 16 | Multitask Learning by Multiwave Optical Diffractive Network. Mathematical Problems in Engineering, 2020, 2020, 1-7. | 1.1 | 3 |
| 17 | Experimental and Theoretical Analyses of Zinc-Vacancy-Induced Room-Temperature Ferromagnetism in ZnO Films. Journal of Experimental and Theoretical Physics, 2019, 129, 241-247. | 0.9 | 2 |
| 18 | fNIRS STUDY OF EFFECTS OF FOOT BATH ON HUMAN BRAIN AND COGNITIVE FUNCTION. Journal of Mechanics in Medicine and Biology, 2021, 21, 2140022. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Influence of Annealing Temperature Modulation on the Structural and Optical Properties of ZnSe Thin Films. <i>Crystal Research and Technology</i> , 2021, 56, 2000177. | 1.3 | 0 |