

Kuo-Hui Wu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

258
citations

933447

10
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940533

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16
all docs

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docs citations

16
times ranked

298
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Preparation and characterization of expanded graphite/metal oxides for antimicrobial application. <i>Materials Science and Engineering C</i> , 2017, 75, 1019-1025. | 7.3 | 41 |
| 2 | Modified expanded graphite/Fe ₃ O ₄ composite as an adsorbent of methylene blue: Adsorption kinetics and isotherms. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 266, 115068. | 3.5 | 30 |
| 3 | Adsorption and decomposition of dimethyl methylphosphonate (DMMP) on expanded graphite/metal oxides. <i>Applied Surface Science</i> , 2018, 444, 330-335. | 6.1 | 29 |
| 4 | Silver nanoparticle-base lateral flow immunoassay for rapid detection of Staphylococcal enterotoxin B in milk and honey. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111163. | 3.5 | 21 |
| 5 | Colloidal silver-based lateral flow immunoassay for rapid detection of melamine in milk and animal feed. <i>Materials Chemistry and Physics</i> , 2019, 231, 121-130. | 4.0 | 20 |
| 6 | Study of thermal and optical properties of epoxy/organically modified silicate hybrids. <i>Materials Express</i> , 2016, 6, 28-36. | 0.5 | 17 |
| 7 | Synthesis of adamantane-containing methacrylate polymers: Characterization of thermal, mechanical, dielectric and optical properties. <i>Materials Express</i> , 2016, 6, 220-228. | 0.5 | 17 |
| 8 | Preparation and antibacterial effects of Ag/AgCl-doped quaternary ammonium-modified silicate hybrid antibacterial material. <i>Materials Science and Engineering C</i> , 2019, 98, 177-184. | 7.3 | 17 |
| 9 | Preparation of magnetic expanded graphite with microwave absorption and infrared stealth characteristics. <i>Materials Express</i> , 2017, 7, 500-508. | 0.5 | 13 |
| 10 | Infrared stealth and microwave absorption properties of reduced graphene oxide functionalized with Fe ₃ O ₄ . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 276, 115575. | 3.5 | 13 |
| 11 | Evaluation and efficacy of metal oxides in terms of antibacterial activity and toxic chemical degradation. <i>Materials Science and Engineering C</i> , 2018, 93, 615-622. | 7.3 | 9 |
| 12 | Synthesis, characterization, and properties of petroleum-based methacrylate polymers derived from tricyclodecane for microelectronics and optoelectronics applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 143-154. | 5.8 | 8 |
| 13 | Preparation of polyoxometalate-doped aminosilane-modified silicate hybrid as a new barrier of chem-bio toxicant. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110788. | 3.5 | 7 |
| 14 | Colloidal silver-based lateral flow immunoassay for detection of profenofos pesticide residue in vegetables. <i>RSC Advances</i> , 2022, 12, 13035-13044. | 3.6 | 7 |
| 15 | Structural design and characterization of tricycloalkyl-containing methacrylate with methyl methacrylate copolymers. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 267, 115088. | 3.5 | 5 |
| 16 | Silver nanoparticles embedded cotton swab as surface-enhanced Raman scattering substrate combination of smartphone app for detection of carbofuran residues. <i>Materials Express</i> , 2022, 12, 98-105. | 0.5 | 4 |