

Kuo-Hui Wu

List of Publications by Year in descending order

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16
papers

258
citations

933447

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940533

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docs citations

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times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Adsorption and decomposition of dimethyl methylphosphonate (DMMP) on expanded graphite/metal oxides. <i>Applied Surface Science</i> , 2018, 444, 330-335.	6.1	29
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	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
13	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
14	Preparation of magnetic expanded graphite with microwave absorption and infrared stealth characteristics. <i>Materials Express</i> , 2017, 7, 500-508.	0.5	13
15	Study of thermal and optical properties of epoxy/organically modified silicate hybrids. <i>Materials Express</i> , 2016, 6, 28-36.	0.5	17
16	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