

Yanhui Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning Polymer/TiO ₂ Nanocomposites Morphology by In Situ Non-Hydrolytic Sol-Gel Syntheses in Viscous Polymer Medium: Influence of the Polymer Nature and Oxygen Donor. <i>Polymers</i> , 2022, 14, 2273.	4.5	2
2	Water Formation in Non-Hydrolytic Sol-Gel Routes: Selective Synthesis of Tetragonal and Monoclinic Mesoporous Zirconia as a Case Study. <i>Chemistry - A European Journal</i> , 2021, 27, 2670-2682.	3.3	4
3	Non-hydrolytic sol-gel synthesis of polypropylene/TiO ₂ composites by reactive extrusion. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 39.	2.4	5
4	Heterogeneous Single-Site Catalysts for C-H Activation Reactions: Pd(II)-Loaded S,O-Functionalized Metal Oxide-Bisphosphonates. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47457-47466.	8.0	12
5	Recyclable Ruthenium Catalyst for Distal C-H Activation. <i>Chemistry - A European Journal</i> , 2020, 26, 15290-15297.	3.3	18
6	Synergy between nanozymes and natural enzymes on the hybrid MoS ₂ nanosheets/graphite microfiber for enhanced voltammetric determination of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2020, 187, 321.	5.0	22
7	Water-Stable, Nonsiliceous Hybrid Materials with Tunable Porosity and Functionality: Bridged Titania-Bisphosphonates. <i>Chemistry of Materials</i> , 2020, 32, 2910-2918.	6.7	16
8	One-step nonhydrolytic sol-gel synthesis of mesoporous TiO ₂ phosphonate hybrid materials. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 356-362.	2.8	5
9	Acetic Anhydride as an Oxygen Donor in the Non-Hydrolytic Sol-Gel Synthesis of Mesoporous TiO ₂ with High Electrochemical Lithium Storage Performances. <i>Chemistry - A European Journal</i> , 2019, 25, 4767-4774.	3.3	6
10	Tuning the organization of the interlayer organic moiety in a hybrid layered perovskite. <i>Journal of Solid State Chemistry</i> , 2019, 269, 532-539.	2.9	1
11	Tuning Texture and Morphology of Mesoporous TiO ₂ by Non-Hydrolytic Sol-Gel Syntheses. <i>Molecules</i> , 2018, 23, 3006.	3.8	6
12	Microwave-assisted functionalization of the Aurivillius phase Bi ₂ SrTa ₂ O ₉ : diol grafting and amine insertion vs. alcohol grafting. <i>Chemical Science</i> , 2018, 9, 7104-7114.	7.4	12
13	Efficient Microwave-Assisted Functionalization of the Aurivillius-Phase Bi ₂ SrTa ₂ O ₉ . <i>Inorganic Chemistry</i> , 2016, 55, 4039-4046.	4.0	20
14	Post-Synthesis Modification of the Aurivillius Phase Bi ₂ SrTa ₂ O ₉ via In Situ Microwave-Assisted Click Reaction. <i>Inorganic Chemistry</i> , 2016, 55, 9790-9797.	4.0	9
15	One-pot synthesis of sub-3 nm gold nanoparticle networks connected by thio-based multidentate fullerene adducts. <i>Chemical Communications</i> , 2015, 51, 6730-6733.	4.1	10
16	Phosphine-Catalyzed Reactions of Activated Olefins Tethered to Cycloalkanones. Substrate- and Solvent-Controlled Synthesis of Bicyclo[3.2.1]octanones, Mixed Acetals, and Morita-Baylis-Hillman Products. <i>Organic Letters</i> , 2013, 15, 6198-6201.	4.6	21