

Tao He

List of Publications by Year in descending order

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14
papers

464
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochromic materials based on tungsten oxide. <i>Journal of Materials Chemistry</i> , 2007, 17, 4547.	6.7	230
2	Improved photochromism of WO ₃ thin films by addition of Au nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 1637-1639.	2.8	68
3	Silylium-Ion-Promoted (5+1) Cycloaddition of Aryl-Substituted Vinylcyclopropanes and Hydrosilanes Involving Aryl Migration. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12186-12191.	13.8	25
4	Synthesis and characterization of new layered polyoxometallates-1,10-decanediamine intercalative nanocomposites. <i>Journal of Materials Research</i> , 2004, 19, 496-500.	2.6	24
5	B(C ₆ F ₅) ₃ -Catalyzed Hydrosilylation of Vinylcyclopropanes. <i>Organic Letters</i> , 2020, 22, 7383-7386.	4.6	20
6	Intramolecular Friedel-Crafts alkylation with a silylium-ion-activated cyclopropyl group: formation of tricyclic ring systems from benzyl-substituted vinylcyclopropanes and hydrosilanes. <i>Chemical Science</i> , 2021, 12, 569-575.	7.4	20
7	Silylium-Ion Regeneration by Protodesilylation Enables Friedel-Crafts Alkylation with Less Isomerization and No Defunctionalization. <i>ACS Catalysis</i> , 2021, 11, 12186-12193.	11.2	17
8	Perdeuteration of Deactivated Aryl Halides by H/D Exchange under Superelectrophile Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 4734-4738.	13.7	15
9	Modification of photochromic inorganic/organic superlattice films by organic molecules. <i>New Journal of Chemistry</i> , 2002, 26, 621-624.	2.8	13
10	Intermolecular Carbosilylation of Olefins with C(sp ³)-C(sp) Bond Formation Involving Silylium-Ion Regeneration. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	12
11	Fabrication of photochromic phosphomolybdic acid monolayer film. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 2751.	2.8	9
12	Title is missing!. <i>Journal of Materials Science Letters</i> , 2002, 21, 1257-1259.	0.5	6
13	Silylium-Ion-Promoted (5+1) Cycloaddition of Aryl-Substituted Vinylcyclopropanes and Hydrosilanes Involving Aryl Migration. <i>Angewandte Chemie</i> , 2020, 132, 12284-12289.	2.0	5
14	Intermolecular Carbosilylation of Olefins with C(sp ³)-C(sp) Bond Formation Involving Silylium-Ion Regeneration. <i>Angewandte Chemie</i> , 0, , .	2.0	0