

Hongmei Deng

List of Publications by Year in descending order

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47
papers

544
citations

623734

14
h-index

713466

21
g-index

48
all docs

48
docs citations

48
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-electrodeposition of Cu ₃ BiS ₃ thin films in weakly alkaline aqueous solutions for photovoltaic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 585-595.	2.2	5
2	A Convenient Synthesis of Fluoroalkylated Benzimidazole or Indole fused Benzoxazines. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	3
3	Band gap narrowing and electrical properties of (1-x)BaTiO ₃ -xSrFe _{0.5} Nb _{0.5} O ₃ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 10151-10159.	2.2	3
4	Modified room-temperature magnetic and optical properties in bilayer xBi ₆ Fe ₂ Ti ₃ O ₁₈ -(1-x)CoFe ₂ O ₄ composite thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 10320-10328.	2.2	1
5	Facile Synthesis of 4-Perfluoroalkylated 2H-Pyran-2-ones Bearing Indole Skeleton via a Base-Promoted Cascade Process. <i>Synlett</i> , 2021, 32, 1197-1200.	1.8	3
6	An Efficient Construction of CF ₃ -Substituted Spirooxindole Fused Benzo[a]quinolizidines by a Three-Component Cyclization. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4405-4408.	2.4	2
7	Perfluoroalkyl-Promoted Synthesis of Perfluoroalkylated Pyrrolidine-Fused Coumarins with Methyl β -Perfluoroalkylpropionates. <i>Journal of Organic Chemistry</i> , 2021, 86, 15717-15725.	3.2	5
8	The synthesis of perfluoroalkylated indolizines via tandem cyclization/aromatization. <i>Journal of Fluorine Chemistry</i> , 2021, 251, 109900.	1.7	3
9	Band gap narrowing and magnetic properties of transition-metal-doped Ba _{0.85} Ca _{0.15} Ti _{0.9} Zr _{0.1} O ₃ lead-free ceramics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 2491-2498.	3.8	12
10	Structural phase transition, optical bandgap, interband electronic transition, and improved magnetism in bivalent Ca-, Sr-, Pb-, and Ba-doped BiFeO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8464-8471.	2.2	5
11	Structural, optical, and enhanced multiferroic properties of xCoFe ₂ O ₄ -(1-x)K _{0.5} Bi _{0.5} TiO ₃ ferrite ferroelectric composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10639-10648.	2.2	3
12	Modified magnetization and electron transition behavior in Bi ₂ Fe ₄ O ₉ , Bi ₂ Fe ₄ O ₉ -CoFe ₂ O ₄ and Bi ₂ Fe ₄ O ₉ -NiFe ₂ O ₄ . <i>Ceramics International</i> , 2018, 44, 2491-2495.	4.8	8
13	[3+2] Cycloaddition of N-Aminopyridines and Perfluoroalkynylphosphonates: Facile Synthesis of Perfluoroalkylated Pyrazolo[1,5-a]pyridines Containing a Phosphonate Moiety. <i>Synthesis</i> , 2018, 50, 3731-3737.	2.3	14
14	N-Heterocycle-Triggered MCRs: An Approach to the Concise Synthesis of Perfluoroalkylated Spiro-1,3-oxazines. <i>Synthesis</i> , 2018, 50, 4668-4682.	2.3	5
15	Modified optical and magnetic properties at room-temperature across lead-free morphotropic phase boundary in (1-x)BiTi _{3/8} Fe _{2/8} Mg _{3/8} O ₃ -xCaTiO ₃ . <i>Ceramics International</i> , 2017, 43, 6453-6459.	4.8	7
16	Structural, ferromagnetic and optical properties of pure bismuth A-site polar perovskite Bi(Mg _{3/8} Fe _{2/8} Ti _{3/8})O ₃ synthesized at ambient pressure. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 934-938.	2.2	1
17	Isocyanide-Based Multicomponent Reaction To Furnish N-Functionalized Indoles by using <i>N</i> -acyliminium Ions as Key Intermediates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4507-4510.	2.4	3
18	Cr doping-induced structural phase transition, optical tuning and magnetic enhancement in BiFeO ₃ thin films. <i>Materials Letters</i> , 2017, 186, 198-201.	2.6	35

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19	Copper-catalyzed C-H Alkynylation/Intramolecular Cyclization Cascade for the First Synthesis of Trifluoromethylated Pyrrolo[1,2-a]quinolines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2959-2965.	2.4	13
20	Designing tunable band-gap and magnetization at room-temperature in Pb(Ti _{1-x} M) ₃ O ₇ (M=Ni and Pd) thin films. <i>Materials Letters</i> , 2016, 185, 323-326.	2.6	4
21	Optical modulation and magnetic transition in PbTi _{1-x} Pd _x O ₃ ferroelectric thin films. <i>Ceramics International</i> , 2016, 42, 17162-17167.	4.8	0
22	Pb-free semiconductor ferroelectrics: An experimental study of Ba(Ti _{0.75} Ce _{0.125} Pd _{0.125})O ₃ thin films. <i>Materials Letters</i> , 2016, 177, 1-4.	2.6	3
23	One-pot Metal-free Cascade Synthesis of 2-(Perfluoroalkyl)pyrroles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7086-7090.	2.4	5
24	Cu ^{II} -Promoted Aerobic Cascade Reactions of 2-Alkynylanilines with Methyl Perfluoroalkynoates: En Route to 4-Carbonyl-2-perfluoroalkylquinolines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2061-2065.	2.4	15
25	Effect of Tb-doping on structural, magnetic and optical properties of BiFeO ₃ films prepared by chemical solution deposition. <i>Materials Letters</i> , 2015, 158, 266-268.	2.6	8
26	Influence of Eu doping on structural and optical properties of BiFeO ₃ films deposited on quartz substrates by pulsed laser deposition method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2977-2981.	2.2	7
27	Mild and Efficient One-Pot Synthesis of 2-(Perfluoroalkyl)indoles by Means of Sequential Michael-Type Addition and Pd(II)-Catalyzed Cross-Dehydrogenative Coupling (CDC) Reaction. <i>Organic Letters</i> , 2015, 17, 3283-3285.	4.6	52
28	Optical and magnetic properties of KBiFe ₂ O ₅ thin films fabricated by chemical solution deposition. <i>Materials Letters</i> , 2015, 161, 423-426.	2.6	20
29	Facile Synthesis of 2-(Perfluoroalkyl)indoles through a Michael Addition/Cu ^I -Catalyzed Annulation Process. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2460-2467.	2.4	21
30	Stereoselective synthesis of sulfonyl-substituted trans-2,3-dihydrofuran derivatives via reaction of arsonium ylides with α,β -unsaturated ketones. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 596-600.	2.6	1
31	Structure, optical and magnetic properties of Bi _{1-x} Eu _x FeO ₃ films fabricated by pulsed laser deposition. <i>Applied Surface Science</i> , 2014, 316, 78-81.	6.1	8
32	Influence of rare-earth elements doping on structure and optical properties of BiFeO ₃ thin films fabricated by pulsed laser deposition. <i>Applied Surface Science</i> , 2014, 307, 543-547.	6.1	14
33	Copper(I)-Catalyzed Coupling Cyclization of Methyl Perfluoroalkynoates with 2-Aminobenzonitriles: Synthesis of 2-Perfluoroalkylated Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1345-1350.	4.3	25
34	Convenient MCRs Synthesis of Trifluoromethylated Pyrano[4,3-b]pyrans and Their Further Transformation. <i>Synthesis</i> , 2012, 44, 1686-1692.	2.3	25
35	Preparation of (E)-4-Aryl-1,1-trifluoro-3-tosylbut-2-en-2-ones as Fluorinated Building Blocks and Their Application in Ready and Highly Stereoselective Routes to trans-2,3-Dihydrofurans Substituted with Trifluoromethyl and Sulfonyl Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3142-3150.	2.4	11
36	Scope and regioselectivity of the 1,3-dipolar cycloaddition of azides with methyl 2-perfluoroalkynoates for an easy, metal-free route to perfluoroalkylated 1,2,3-triazoles. <i>Journal of Fluorine Chemistry</i> , 2012, 133, 146-154.	1.7	32

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37	Solvent-Free One-Pot Synthesis of Spiro[indoline-3,4-(1H)-pyrano[2,3-c]pyrazol]-2-one Derivatives by Grinding. <i>Synthetic Communications</i> , 2011, 41, 3620-3626.	2.1	22
38	Convenient Synthesis of 3,5-Biscarbamoylpyridine Derivatives. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2119-2123.	4.9	3
39	First one-pot stereoselective synthesis of cis-2,3-dihydro-4-perfluoroalkyl-1H-1,5-benzodiazepines via a catalyst-free three-component reaction. <i>Chemical Communications</i> , 2011, 47, 3607.	4.1	30
40	Bromotriphenylphosphonium Salt Promoted Tandem One-Pot Cyclization to Optically Active 2-Aryl-1,3-Oxazolines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4227-4236.	2.4	11
41	Stereoselective synthesis of cyclopropyl indolyl ketones with indolylidene and arsonium ylide. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1116-1122.	2.6	3
42	Optical and structural characteristics of Sb-doped SnO ₂ thin films grown on Si (111) substrates by Sol-Gel technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 1078-1082.	2.2	17
43	A simple and convenient synthesis of 2-(perfluoroalkyl)-4H-chromenes from salicyl N-tosylimines or salicylaldehydes and methyl 2-perfluoroalkynoates. <i>Tetrahedron</i> , 2009, 65, 9152-9156.	1.9	42
44	A facile stereoselective synthesis of 2-perfluoroalkyl-3a,4,5,6-tetrahydroimidazo[1,5-b]isoxazoles. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 295-300.	1.7	20
45	Facile, Highly Stereoselective Synthesis of Cyclopropyl Benzoimidazoles via Cyclopropanation of Olefin with Arsonium Ylides. <i>Synthetic Communications</i> , 2009, 39, 3471-3481.	2.1	7
46	Synthesis of a Series of perfluoroalkyl containing spiro cyclic barbituric acid derivatives. <i>Journal of Chemical Research</i> , 2009, 2009, 381-383.	1.3	4
47	A Catalyst-Free Synthesis of Fused Perfluoroalkylated 2,3-Dihydroisoxazoles via Oxa-Michael-Aldol Annulation. <i>Synthesis</i> , 0, , .	2.3	3