

Ana Torvisco

List of Publications by Year in descending order

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94
docs citations

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times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Sulfide Thin Films with Tunable Nanoporosity for Photocatalytic Applications. ACS Applied Nano Materials, 2022, 5, 1508-1520.	5.0	10
2	New insights into the selective and systematic preparation of arylgermanium hydrides. Mendeleev Communications, 2022, 32, 22-24.	1.6	1
3	Synthesis of Mixed-Functionalized Tetraacylgermanes. Chemistry - A European Journal, 2021, 27, 3338-3347.	3.3	15
4	Syntheses, structural characterization, and thermal behaviour of metal complexes with 3-aminopyridine as co-ligands. Transition Metal Chemistry, 2021, 46, 191-200.	1.4	2
5	Direct X-ray and electron-beam lithography of halogenated zeolitic imidazolate frameworks. Nature Materials, 2021, 20, 93-99.	27.5	112
6	Synthesis, structure and <i>in vitro</i> antiproliferative effects of alkyne-linked 1,2,4-thiadiazole hybrids including erlotinib- and ferrocene-containing derivatives. RSC Advances, 2021, 11, 28685-28697.	3.6	3
7	Coordination Polymers in Dicyanamido-Cadmium(II) with Diverse Network Dimensionalities. Crystals, 2021, 11, 181.	2.2	6
8	Synthesis of δ -Galactose-Substituted Acylsilanes and Acylgermanes. Model Compounds for Visible Light Photoinitiators with Intriguing High Solubility. Organometallics, 2021, 40, 1185-1189.	2.3	2
9	Synthesis, LIFDI Mass Spectrometry and Reactivity of Triacylgermenolates. European Journal of Inorganic Chemistry, 2021, 2021, 3091-3096.	2.0	8
10	Stereochemical Geometries and Photoluminescence in Pseudo-Halido-Zinc(II) Complexes. Structural Comparison between the Corresponding Cadmium(II) Analogs. Inorganics, 2021, 9, 53.	2.7	3
11	Isolable Geminal Bisgermenolates: A New Synthone in Organometallic Chemistry. Angewandte Chemie - International Edition, 2021, 60, 23646-23650.	13.8	7
12	Isolable Geminal Bisgermenolates: A New Synthone in Organometallic Chemistry. Angewandte Chemie, 2021, 133, 23838.	2.0	0
13	Diverse Coordination Numbers and Geometries in Pyridyl Adducts of Lanthanide(III) Complexes Based on β^2 -Diketonate. Inorganics, 2021, 9, 74.	2.7	10
14	Synthesis and characterization of diacylgermanes: persistent derivatives with superior photoreactivity. Dalton Transactions, 2021, 50, 11965-11974.	3.3	4
15	Polynuclear and coordination polymers of copper(II) complexes assembled by flexible polyamines and bridging rigid N-heterocyclic multicarboxylates. Inorganica Chimica Acta, 2020, 500, 119240.	2.4	5
16	Toward the synthesis of thiadiazole-based therapeutic agents: synthesis, spectroscopic study, X-ray analysis, and cross-coupling reactions of the key intermediate 3,5-diiodo-1,2,4-thiadiazole. Research on Chemical Intermediates, 2020, 46, 1507-1519.	2.7	4
17	Mechanistic Insights into the Chaperoning of Human Lysosomal-Galactosidase Activity: Highly Functionalized Aminocyclopentanes and C-5a-Substituted Derivatives of 4-epi-Isogomine. Molecules, 2020, 25, 4025.	3.8	4
18	The Chemistry of Acylgermanes: Triacylgermenolates Represent Valuable Building Blocks for the Synthesis of a Variety of Germanium-Based Photoinitiators. Inorganic Chemistry, 2020, 59, 15204-15217.	4.0	18

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19	Synthesis of Stable Dianionic Cyclic Silenolates and Germanolates. <i>Organometallics</i> , 2020, 39, 2878-2887.	2.3	7
20	Selective Chlorination of Germanium Hydrides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1876-1881.	1.2	3
21	Synthesis and characterization of zinc di(<i>o</i> -2,2-dimethylpentan-3-yl dithiocarbonates) bearing pyridine or tetramethylethylenediamine coligands and investigation of their thermal conversion mechanisms towards nanocrystalline zinc sulfide. <i>Dalton Transactions</i> , 2020, 49, 14564-14575.	3.3	6
22	Five-Coordinated Geometries from Molecular Structures to Solutions in Copper(II) Complexes Generated from Polydentate-N-Donor Ligands and Pseudohalides. <i>Molecules</i> , 2020, 25, 3376.	3.8	11
23	Synthesis and characterization of Lanthanum(III) complexes containing 4,4,4-trifluoro-1-(naphthalen-2yl)butane-1,3-dionate. <i>Polyhedron</i> , 2020, 179, 114384.	2.2	12
24	Sila-Peterson Reaction of Cyclic Silanides. <i>Organometallics</i> , 2020, 39, 1832-1841.	2.3	1
25	Exploration of Novel β -Substituted Diphosphatrisilanes by Combining Experimental Methods and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3778-3785.	2.0	3
26	Structure, DFT Calculations, and Magnetic Characterization of Coordination Polymers of Bridged Dicyanamido-Metal(II) Complexes. <i>Magnetochemistry</i> , 2019, 5, 41.	2.4	6
27	Attempted Synthesis of a Homocyclic Bis(silyl)silylene Leads to the Formation of a Tricyclo[3,1,1,1 ^{2,4}]octasilane. <i>Organometallics</i> , 2019, 38, 4158-4170.	2.3	12
28	Steric Effects of Alkyl Substituents at N-Donor Bidentate Amines Direct the Nuclearity, Bonding and Bridging Modes in Isothiocyanato-Copper(II) Coordination Compounds. <i>Crystals</i> , 2019, 9, 38.	2.2	5
29	Synthesis and Properties of Branched Hydrogenated Nonasilanes and Decasilanes. <i>Inorganic Chemistry</i> , 2019, 58, 8820-8828.	4.0	11
30	Synthesis and characterization of 1D coordination polymers of metal(II)-dicyanamido complexes. <i>Polyhedron</i> , 2019, 166, 36-43.	2.2	10
31	Tetraacylstannanes as Long-Wavelength Visible Light Photoinitiators with Intriguing Low Toxicity. <i>Chemistry - A European Journal</i> , 2018, 24, 8281-8285.	3.3	30
32	Novel diaminopropyl substituted organotin compounds. <i>Canadian Journal of Chemistry</i> , 2018, 96, 411-418.	1.1	1
33	From mono- to tetraacylgermanes: extending the scope of visible light photoinitiators. <i>Polymer Chemistry</i> , 2018, 9, 38-47.	3.9	39
34	Scalable Continuous Flow Process for the Synthesis of Eflornithine Using Fluoroform as Difluoromethyl Source. <i>Organic Process Research and Development</i> , 2018, 22, 1553-1563.	2.7	35
35	Synthesis and structural characterization of isothiocyanato-4-methoxypyridine-cobalt(II) complexes with diverse geometries and a bridged 1D coordination polymer showing metamagnetic transition. <i>Polyhedron</i> , 2018, 154, 436-442.	2.2	50
36	Building blocks for oligomeric siloxanes – selective chlorination of hydrido-siloxanes. <i>Journal of Organometallic Chemistry</i> , 2018, 875, 1-4.	1.8	4

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37	Synthesis and Theoretical Investigation of Diphosphastannylenes. <i>Organometallics</i> , 2018, 37, 2950-2960.	2.3	7
38	Potent GH20 N-Acetyl- β -D-hexosaminidase Inhibitors: N-Substituted 3-acetamido-4-amino-5-hydroxymethyl-cyclopentane-diols. <i>Molecules</i> , 2018, 23, 708.	3.8	8
39	Tetraacylgermanes: Highly Efficient Photoinitiators for Visible-Light-Induced Free-Radical Polymerization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3103-3107.	13.8	97
40	Tetraacylgermane: hochwirksame Photoinitiatoren für die radikalische Polymerisation mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2017, 129, 3150-3154.	2.0	16
41	Synthesis of Structurally Complex Silicon Frameworks through the First Sila-Aldol Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8089-8093.	13.8	8
42	Synthesis of Structurally Complex Silicon Frameworks through the First Sila-Aldol Reaction. <i>Angewandte Chemie</i> , 2017, 129, 8201-8205.	2.0	4
43	Nickel sulfide thin films and nanocrystals synthesized from nickel xanthate precursors. <i>Journal of Materials Science</i> , 2017, 52, 10898-10914.	3.7	41
44	Isolable endocyclic silenes by thermal Brook rearrangement. <i>Journal of Organometallic Chemistry</i> , 2017, 830, 131-140.	1.8	7
45	Branched Hydrosilane Oligomers as Ideal Precursors for Liquid-Based Silicon-Film Deposition. <i>Angewandte Chemie</i> , 2017, 129, 14259-14262.	2.0	9
46	A Modern Twist to a Classic Synthetic Route: Ph ₃ Bi-Based Redox Transmetalation Protolysis (RTP) for the Preparation of Barium Metalorganic Species. <i>Inorganic Chemistry</i> , 2017, 56, 11480-11489.	4.0	10
47	Selective synthesis of tetraarylgermanes and triarylgermanium halides. <i>Journal of Organometallic Chemistry</i> , 2017, 851, 143-149.	1.8	5
48	Structure and spectroscopic properties of porphyrinato group 14 derivatives: Part I – Phenylacetylido ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 801-811.	0.7	2
49	Reactivity of Cyclic Silenolates Revisited. <i>Organometallics</i> , 2017, 36, 3765-3773.	2.3	8
50	Synthesis, Spectroscopic Behavior, and Photoinduced Reactivity of Tetraacylgermanes. <i>Organometallics</i> , 2017, 36, 3624-3632.	2.3	38
51	Branched Hydrosilane Oligomers as Ideal Precursors for Liquid-Based Silicon-Film Deposition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14071-14074.	13.8	16
52	Selective Synthesis and Derivatization of Germanosilicon Hydrides. <i>Inorganic Chemistry</i> , 2016, 55, 4034-4038.	4.0	10
53	The Staudinger/aza-Wittig/Grignard reaction as key step for the concise synthesis of 1-C-Alkyl-iminoalditol glycomimetics. <i>Carbohydrate Research</i> , 2016, 429, 62-70.	2.3	13
54	Photochemical reactivity of cyclic acylgermanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 655-658.	1.6	4

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55	Synthesis and characterization of the first relatively stable dianionic germenolates. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 597-600.	1.6	6
56	Novel aryl-substituted silanes Part II: Synthesis and characterization of diaryl silicon dihydrides. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 478-487.	1.6	6
57	Synthesis and characterization of cyclic acylsilanes. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 638-640.	1.6	8
58	5-Fluoro derivatives of 4-epi-isofagomine as d-galactosidase inhibitors and potential pharmacological chaperones for GM1-gangliosidosis as well as Fabry's disease. Carbohydrate Research, 2016, 420, 6-12.	2.3	13
59	Photoinduced Rearrangement of Aryl-Substituted Acylcyclohexasilanes. European Journal of Inorganic Chemistry, 2015, 2015, 997-1004.	2.0	9
60	Novel Aryl Substituted Silanes Part I: Synthesis and Characterization of Diaryl Silicon Dichlorides. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1980-1993.	1.6	3
61	Synthesis and characterization of 1,1-dihalogenated cyclopentasilanes. Journal of Molecular Structure, 2015, 1099, 197-203.	3.6	5
62	A Sequential Ugi Multicomponent/Cu-Catalyzed Azide-Alkyne Cycloaddition Approach for the Continuous Flow Generation of Cyclic Peptoids. Journal of Organic Chemistry, 2015, 80, 4590-4602.	3.2	62
63	Stable Germenolates and Germenenes with Exocyclic Structures. Organometallics, 2015, 34, 5291-5297.	2.3	24
64	Variation of the Sterical Properties of the N-Heterocyclic Carbene Coligand in Thermally Triggerable Ruthenium-Based Olefin Metathesis Precatalysts/Initiators. Organometallics, 2015, 34, 5383-5392.	2.3	25
65	Novel amino propyl substituted organo tin compounds. Canadian Journal of Chemistry, 2014, 92, 565-573.	1.1	9
66	Stabilizing, non-covalent interactions in the solid state structure of novel aryltin hydrides and halogenides. Canadian Journal of Chemistry, 2014, 92, 556-564.	1.1	8
67	Organo-Phosphorus-Sulfur Heterocycles by Reactions of Phenylphosphine with Ketones. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1084-1093.	1.6	1
68	Concise synthesis of C-1-cyano-iminosugars via a new Staudinger/aza Wittig/Strecker multicomponent reaction strategy. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2777-2780.	2.2	18
69	Impact of Electronic Modification of the Chelating Benzylidene Ligand in <i>cis</i> -Dichloro-Configured Second-Generation Olefin Metathesis Catalysts on Their Activity. Organometallics, 2014, 33, 2806-2813.	2.3	35
70	Stable Silenolates and Brook-Type Silenes with Exocyclic Structures. Organometallics, 2014, 33, 5956-5959.	2.3	21
71	Synthesis and crystal structures of novel silylsubstituted diphosphanes. Inorganica Chimica Acta, 2014, 423, 517-523.	2.4	3
72	Photoinduced Brook-Type Rearrangement of Acylcyclopolysilanes. Organometallics, 2014, 33, 231-239.	2.3	17

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73	The Role of 2,6-Diaminopyridine Ligands in the Isolation of an Unprecedented, Low-Valent Tin Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 15504-15517.	3.3	83
74	Bismuth sulphide polymer nanocomposites from a highly soluble bismuth xanthate precursor. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7825.	5.5	52
75	Aryltin chlorides and hydrides: Preparation, detailed NMR studies and DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2013, 740, 41-49.	1.8	33
76	Synthesis and Properties of Bridgehead-Functionalized Permethylobicyclo[2.2.2]octasilanes. <i>Organometallics</i> , 2013, 32, 4490-4500.	2.3	8
77	Heavy Alkaline-Earth Metal Organometallic and Metal Organic Chemistry: Synthetic Methods and Properties. <i>Topics in Organometallic Chemistry</i> , 2013, , 1-27.	0.7	20
78	Alkaline earth metal di- and triphenylmethanides: Analysis of ion association modes. <i>Inorganica Chimica Acta</i> , 2012, 389, 122-130.	2.4	19
79	Synthesis and characterization of cyano-substituted carborane-based compounds. Molecular structure of [1-(4-C7H7)-12-(C5H3-3-(CN)-3,4-(CH3)2)-C2B10H10]. <i>Dalton Transactions</i> , 2011, 40, 10585.	3.3	4
80	Ligand and Coligand Effects on Ion Association in Magnesium Amides. <i>Organometallics</i> , 2011, 30, 986-991.	2.3	15
81	s-Block Organometallics: Analysis of Ion-Association and Noncovalent Interactions on Structure and Function in Benzyl-Based Compounds. <i>Inorganic Chemistry</i> , 2011, 50, 12223-12240.	4.0	52
82	Advances in alkaline earth-nitrogen chemistry. <i>Coordination Chemistry Reviews</i> , 2011, 255, 1268-1292.	18.8	96
83	Heavy Alkali Metal Amides: Role of Secondary Interactions in Metal Stabilization. <i>Inorganic Chemistry</i> , 2009, 48, 11459-11465.	4.0	39
84	More than Steric Effects: Unlocking the Coordination Chemistry of Barium Pyrazolates. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 172-182.	2.0	18
85	Porphyrim complexes containing coordinated BOB groups: synthesis, chemical reactivity and the structure of [BOB(tpClpp)] ₂ ⁺ . <i>Dalton Transactions</i> , 2008, , 1602.	3.3	30
86	Isolable Stannenolates Enable the Synthesis of Visible-Light Photoinitiators. <i>ChemPhotoChem</i> , 0, , .	3.0	5
87	The Road to Bisacyldigermanes - A New Compound Class Suitable as Visible Light Photoinitiators. <i>ChemPhotoChem</i> , 0, , .	3.0	2