Marek BouÅ¡ka

List of Publications by Year
in descending order

35 papers	521 citations	687220 13 h-index	677027 22 g-index
36 all docs	36 docs citations	36 times ranked	469 citing authors

#	Article	IF	Citations
1	New Corrosion Inhibitors Based on Perylene Units in Epoxy Ester Resin Coatings. Coatings, 2022, 12, 923.	1.2	4
2	Radio-frequency magnetron co-sputtered Ge-Sb-Te phase change thin films. Journal of Non-Crystalline Solids, 2021, 569, 121003.	1.5	1
3	Low-temperature growth of crystalline Tin(II) monosulfide thin films by atomic layer deposition using a liquid divalent tin precursor. Applied Surface Science, 2021, 565, 150152.	3.1	11
4	Spectroscopic Ellipsometry Characterization of As-Deposited and Annealed Non-Stoichiometric Indium Zinc Tin Oxide Thin Film. Materials, 2021, 14, 578.	1.3	0
5	Synthesis and optical properties of Nâ†'Ga coordinated gallium boroxines. Dalton Transactions, 2021, 50, 18164-18172.	1.6	0
6	Comparative study of Er3+-doped Ga-Ge-Sb-S thin films fabricated by sputtering and pulsed laser deposition. Scientific Reports, 2020, 10, 7997.	1.6	11
7	Linear and nonlinear optical properties of co-sputtered Ge-Sb-Se amorphous thin films. Optics Letters, 2020, 45, 1523.	1.7	7
8	GaTeâ€“Sb2Te3 thin-films phase change characteristics. Optics Letters, 2020, 45, 1067.	1.7	6
9	Amorphous Gaâ€“Sbâ€“Se thin films fabricated by co-sputtering. Optics Letters, 2020, 45, 29.	1.7	3
10	Mass spectrometric investigation of amorphous Ga-Sb-Se thin films. Scientific Reports, 2019, 9, 10213.	1.6	9
11	Synthesis and Application of Monomeric Chalcogenolates of 13â€...Group Elements. Chemistry - an Asian Journal, 2019, 14, 4229-4235.	1.7	8
12	Laser desorption ionization time-of-flight mass spectrometry of Ge Se1 chalcogenide glasses, their thin films, and Ge:Se mixtures. Journal of Non-Crystalline Solids, 2019, 509, 65-73.	1.5	5
13	Amorphous Ge-Bi-Se Thin Films: A Mass Spectrometric Study. Scientific Reports, 2019, 9, 19168.	1.6	5
14	Reactivity of a Nâ†'Sn Coordinated Distannyne: Reduction and Hydrogen Abstraction. European Journal of Inorganic Chemistry, 2018, 2018, 2038-2044.	1.0	12
15	Synthesis, Structure and Application of Intramolecularlyâ€Coordinated Gallium Chalcogenides: Suitable Singleâ€Source precursors for Ga_xSe_y Materials. Chemistry - A European Journal, 2018, 24, 14470-14476.	1.7	9
16	Large (GeTe):(Sb2Te3) ratio phase change memory thin films. , 2018, , .		0
17	Role of the Trichlorostannyl Ligand in Tinâ€“Ruthenium Arene Complexes: Experimental and Computational Studies. European Journal of Inorganic Chemistry, 2017, 2017, 1292-1300.	1.0	13
18	Laser Desorption Ionization of As₂Ch₃ (Ch = S, Se, and Te) Chalcogenides Using Quadrupole Ion Trap Time-of-Flight Mass Spectrometry: A Comparative Study. Journal of the American Society for Mass Spectrometry, 2017, 28, 2569-2579.	1.2	9

#	Article	IF	Citations
19	Photostability of pulsed-laser-deposited As_xTe_100-x (x=40, 50, 60) amorphous thin films. Optics Letters, 2017, 42, 1660.	1.7	6
20	Intramolecularly Coordinated Gallium Sulfides: Suitable Single Source Precursors for GaS Thin Films. Chemistry - A European Journal, 2016, 22, 18817-18823.	1.7	15
21	Pulsed laser deposited GeTe-rich GeTe-Sb2Te3 thin films. Scientific Reports, 2016, 6, 26552.	1.6	30
22	SnS and SnS₂thin films deposited using a spinâ€coating technique from intramolecularly coordinated organotin sulfides. Applied Organometallic Chemistry, 2015, 29, 176-180.	1.7	14
23	Laser Desorption Ionisation Timeâ€ofâ€Flight Mass Spectrometry of Chalcogenide Glasses from (GeSe₂)_{100â^'x}(Sb₂Se₃)_x System. Journal of the American Ceramic Society, 2015, 98, 4107-4110.	1.9	8
24	Less Is More: Threeâ€Coordinate C,Nâ€Chelated Distannynes and Digermynes. Chemistry - A European Journal, 2015, 21, 7820-7829.	1.7	36
25	N-Coordinated Tin(II) Trifluoromethanesulfonates and Their Reactions with Transition Metal Carbonyls. Inorganic Chemistry, 2015, 54, 6792-6800.	1.9	14
26	Intramolecularly coordinated organocadmium iodides. Inorganica Chimica Acta, 2015, 436, 39-44.	1.2	2
27	Oxidative Addition of Diorgano Disulfides to Distannyne [{2,6â€(Me₂NCH₂)₂C₆H₃}Sn]₂. European Journal of Inorganic Chemistry, 2014, 2014, 310-318.	1.0	11
28	Intramolecularly C,N-Coordinated Homo- and Heteroleptic Organostannylenes. Organometallics, 2014, 33, 6778-6784.	1.1	11
29	Diaryl Dichalcogenides, ArEEAr (E = S, Se, Te; Ar = Ph, 2-C₅H₄N): Control of Secondary SnÂ·Â·Â·Sn Interactions by Intramolecular Coordination and Identity of the Aryl Chalcogenate. Organometallics, 2013, 32, 4973-4984.	1.1	22
30	Mixed Organotin(IV) Chalcogenides: From Molecules to Snâ€Sâ€Se Semiconducting Thin Films Deposited by Spinâ€Coating. Chemistry - A European Journal, 2013, 19, 1877-1881.	1.7	25
31	Stabilization of Three-Coordinated Germanium(II) and Tin(II) Cations by a Neutral Chelating Ligand. Organometallics, 2013, 32, 1995-1999.	1.1	50
32	Intramolecularly Coordinated Organotin Tellurides: Stable or Unstable?. Angewandte Chemie - International Edition, 2012, 51, 3478-3482.	7.2	39
33	Oxidation of Intramolecularly Coordinated Distannyne by S₈: From Tin(I) to Tin(IV) Polysulfide Via Tin(II) Sulfide. Chemistry - A European Journal, 2011, 17, 450-454.	1.7	42
34	Intramolecularly Coordinated Tin(II) Selenide and Triseleneoxostannonic Acid Anhydride. Chemistry - A European Journal, 2011, 17, 455-459.	1.7	41
35	Synthesis of [{2,6-(Me₂NCH₂)₂C₆H₃}Sn(OH)O]₆, an Nâ†'Sn Coordinated Stannonic Acid. Organometallics, 2009, 28, 4258-4261.	2.1	20