

Krzysztof Wojciechowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phase Analysis and Thermoelectric Properties of Cu-Rich Tetrahedrite Prepared by Solvothermal Synthesis. <i>Materials</i> , 2022, 15, 849.	2.9	6
2	Crystal Structure and Thermoelectric Properties of Novel Quaternary Cu ₂ MHf ₃ S ₈ (M = Mn, Fe, Co, and Ni) Thiospinels with Low Thermal Conductivity. <i>Chemistry of Materials</i> , 2022, 34, 2146-2160.	6.7	8
3	Lone-Pair-Like Interaction and Bonding Inhomogeneity Induce Ultralow Lattice Thermal Conductivity in Filled $\bar{1}^2$ -Manganese-Type Phases. <i>Chemistry of Materials</i> , 2022, 34, 6389-6401.	6.7	11
4	Ultralow Lattice Thermal Conductivity and Improved Thermoelectric Performance in Cl-Doped Bi ₂ Te ₃ Se Alloys. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33567-33579.	8.0	20
5	Origins of low lattice thermal conductivity of Pb _{1-x} Sn _x Te alloys for thermoelectric applications. <i>Dalton Transactions</i> , 2021, 50, 4323-4334.	3.3	28
6	Phase Equilibria and Thermoelectric Properties in the PbGa ₆ Te ₁₀ Phase. <i>Inorganic Chemistry</i> , 2021, 60, 2771-2782.	4.0	13
7	Insight into the transport properties and enhanced thermoelectric performance of n-type Pb _{1-x} Sb _x Te. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158355.	5.5	27
8	Entropy-Induced Multivalley Band Structures Improve Thermoelectric Performance in p-Cu ₇ P(S _x Se _{1-x}) ₆ Argyrodites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39606-39620.	8.0	22
9	High Thermoelectric Performance of p-Type PbTe Enabled by the Synergy of Resonance Scattering and Lattice Softening. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49027-49042.	8.0	41
10	Evaluation of the double-tuned functionally graded thermoelectric material approach for the fabrication of n-type leg based on Pb _{0.75} Sn _{0.25} Te. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	10
11	Highly efficient n-type PbTe developed by advanced electronic structure engineering. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13270-13285.	5.5	36
12	Structural and Thermoelectric Properties of Solid-Liquid In ₄ Se ₃ -In Composite. <i>Journal of Electronic Materials</i> , 2019, 48, 5418-5427.	2.2	7
13	Transition-metal-free [3 + 3] annulation of indol-2-ylmethyl carbanions to nitroarenes. A novel synthesis of indolo[3,2- <i>b</i>]quinolines (quindolines). <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 194-202.	2.2	4
14	Transition-metal-free synthesis of 3-(1-pyrrolidinyl)quinolines and 3-(1-pyrrolidinyl)quinoline 1-oxides via a one-pot reaction of 3-(1-pyrrolidinyl)crotonates with nitrobenzenes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2397-2402.	2.8	3
15	Synthesis of [1]Benzothieno[2,3- <i>b</i>]quinolines via Transition-Metal-Free [3+3] Annulation of Nitroarenes and Benzo[<i>b</i>]thiophen-3-ylacetonitrile or 3-(Phenylsulfonylmethyl)benzo[<i>b</i>]thiophene Carbanions. <i>Synthesis</i> , 2017, 49, 3794-3800.	2.3	9
16	The thermoelectric generators use for waste heat utilization from conventional power plant. <i>E3S Web of Conferences</i> , 2017, 14, 01032.	0.5	13
17	Transition-Metal-Free Direct Synthesis of Tetra- and Pentacyclic Azaheteroarenes via [3+3] Annulation of Nitroarenes and Benzyl-Type Carbanions Mediated by Silylating Agents. <i>ChemistrySelect</i> , 2016, 1, 4886-4890.	1.5	5
18	Simple synthesis of 4-cyanoquinoline N-oxides. <i>Tetrahedron Letters</i> , 2016, 57, 1014-1018.	1.4	9

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19	Synthesis of 4-(4-toluenesulfonyl)quinolines from nitroarenes and allyl sulfones using step-by-step procedure. <i>Tetrahedron</i> , 2015, 71, 3924-3931.	1.9	14
20	Application of nucleophilic substitution of hydrogen in nitroarenes to the chemistry of indoles. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 210-222.	1.2	17
21	The Analysis of Exhaust Gas Thermal Energy Recovery Through a TEG Generator in City Traffic Conditions Reproduced on a Dynamic Engine Test Bed. <i>Journal of Electronic Materials</i> , 2015, 44, 1704-1715.	2.2	20
22	Simple synthesis 11-substituted norcryptotackieine derivatives. <i>RSC Advances</i> , 2015, 5, 94296-94303.	3.6	12
23	General synthesis of 2,1-benzisoxazoles (anthranils) from nitroarenes and benzylic C-H acids in aprotic media promoted by combination of strong bases and silylating agents. <i>Molecular Diversity</i> , 2015, 19, 807-816.	3.9	20
24	Synthesis of Heterocycles via Nucleophilic Substitution of Hydrogen in Nitroarenes. <i>Heterocycles</i> , 2014, 88, 75.	0.7	28
25	Nucleophilic Substitution of Hydrogen in Arenes and Heteroarenes. <i>Topics in Heterocyclic Chemistry</i> , 2013, , 51-105.	0.2	34
26	Synthesis of pyrrolo[3,2-a]phenazines from 5-nitroindoles and anilines. <i>Monatshefte für Chemie</i> , 2013, 144, 1847-1853.	1.8	6
27	Expedient Synthesis of 1-Hydroxy-4- and 1-Hydroxy-6-nitroindoles. <i>Synlett</i> , 2012, 23, 1315-1320.	1.8	17
28	New Simple Synthesis of Quinoline-4-carbonitriles. <i>Synlett</i> , 2012, 23, 2682-2686.	1.8	5
29	Nucleophilic Substitution of Hydrogen in Heterocyclic Chemistry. <i>Chemical Reviews</i> , 2004, 104, 2631-2666.	47.7	323
30	Nucleophilic Aromatic Substitution of Hydrogen as a Tool for the Synthesis of Indole and Quinoline Derivatives. <i>Heterocycles</i> , 2001, 54, 445.	0.7	52
31	Electron ionization-induced fragmentation of 3-cyclopropanospiro and 3-cyclobutanospiro derivatives of Benzo- and pyridosultams. <i>Journal of Mass Spectrometry</i> , 2001, 36, 430-440.	1.6	5
32	Aza-ortho-xylylenes in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3587.	2.4	121
33	UV Photoelectron Spectroscopy Studies of the Products of Thermal Extrusion of Sulfur Dioxide from Benzosultams. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 313-318.	2.4	12
34	Reactions of Pyridine Analogues of Aza-ortho-xylylenes Generated from 1,3-Dialkylpyridosultams. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1263-1270.	2.4	25
35	Application of Vicarious Nucleophilic Substitution in Organic Synthesis. <i>Liebigs Annalen</i> , 1997, 1997, 1805-1816.	0.8	83
36	Alkyl Group Migration during Fragmentation of N-(Alkoxyethyl)sulfonamides Following Electron Ionization. <i>Rapid Communications in Mass Spectrometry</i> , 1996, 10, 36-39.	1.5	9

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37	Vicarious Nucleophilic Substitution (VNS) of Hydrogen in Azulenes. Liebigs Annalen Der Chemie, 1994, 1994, 615-618.	0.8	10
38	Electron impact-induced fragmentation of 2,1-benzisothiazoline 2,2-dioxide. Organic Mass Spectrometry, 1993, 28, 853-859.	1.3	9
39	On the mechanisms of electron-impact-induced sulfur dioxide elimination from the molecular ions of 4-nitro- and 6-nitro-2,1-benzisothiazoline 2,2-dioxide derivatives. Rapid Communications in Mass Spectrometry, 1993, 7, 763-768.	1.5	11
40	Synthesis of 4-nitro-2,1-benzisindole derivatives. Liebigs Annalen Der Chemie, 1991, 1991, 831-832.	0.8	10
41	VICARIOUS NUCLEOPHILIC SUBSTITUTION WITH SULFUR CONTAINING CARBANIONS. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 53, 457-475.	1.6	14
42	Reactions of organic anions, 147. Simple and general synthesis of hydroxy- and methoxyindoles via vicarious nucleophilic substitution of hydrogen. Liebigs Annalen Der Chemie, 1988, 1988, 203-208.	0.8	67
43	Reactions of Organic Anions, 142. Reactions of β -chloroalkyl Sulfoxes with Nitronaphthalene Derivatives. Liebigs Annalen Der Chemie, 1987, 1987, 711-715.	0.8	37