

# Krzysztof Wojciechowski

## List of Publications by Year in descending order

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43  
papers

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471509

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleophilic Substitution of Hydrogen in Heterocyclic Chemistry. <i>Chemical Reviews</i> , 2004, 104, 2631-2666.	47.7	323
2	Aza-ortho-xylylenes in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3587.	2.4	121
3	Application of Vicarious Nucleophilic Substitution in Organic Synthesis. <i>Liebigs Annalen</i> , 1997, 1997, 1805-1816.	0.8	83
4	Reactions of organic anions, 147. Simple and general synthesis of hydroxy- and methoxyindoles via vicarious nucleophilic substitution of hydrogen. <i>Liebigs Annalen Der Chemie</i> , 1988, 1988, 203-208.	0.8	67
5	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
6	High Thermoelectric Performance of <i>p</i> -Type PbTe Enabled by the Synergy of Resonance Scattering and Lattice Softening. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49027-49042.	8.0	41
7	Reactions of Organic Anions, 142. Reactions of $\beta$ -Chloroalkyl Sulfones with Nitronaphthalene Derivatives. <i>Liebigs Annalen Der Chemie</i> , 1987, 1987, 711-715.	0.8	37
8	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
9	Nucleophilic Substitution of Hydrogen in Arenes and Heteroarenes. <i>Topics in Heterocyclic Chemistry</i> , 2013, , 51-105.	0.2	34
10	Synthesis of Heterocycles via Nucleophilic Substitution of Hydrogen in Nitroarenes. <i>Heterocycles</i> , 2014, 88, 75.	0.7	28
11	Origins of low lattice thermal conductivity of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ alloys for thermoelectric applications. <i>Dalton Transactions</i> , 2021, 50, 4323-4334.	3.3	28
12	Insight into the transport properties and enhanced thermoelectric performance of n-type $\text{Pb}_{1-x}\text{SbxTe}$ . <i>Journal of Alloys and Compounds</i> , 2021, 860, 158355.	5.5	27
13	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
14	Entropy-Induced Multivalley Band Structures Improve Thermoelectric Performance in <i>p</i> - $\text{Cu}_7\text{P(S)}_x\text{Se}_6$ Argyrodites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 39606-39620.	8.0	22
15	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
16	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
17	Ultralow Lattice Thermal Conductivity and Improved Thermoelectric Performance in Cl-Doped $\text{Bi}_2\text{Te}_3$ - $\text{Se}_x$ Alloys. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33567-33579.	8.0	20
18	Expedient Synthesis of 1-Hydroxy-4- and 1-Hydroxy-6-nitroindoles. <i>Synlett</i> , 2012, 23, 1315-1320.	1.8	17

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19	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
20	VICARIOUS NUCLEOPHILIC SUBSTITUTION WITH SULFUR CONTAINING CARBANIONS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1990, 53, 457-475.	1.6	14
21	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
22	The thermoelectric generators use for waste heat utilization from conventional power plant. <i>E3S Web of Conferences</i> , 2017, 14, 01032.	0.5	13
23	Phase Equilibria and Thermoelectric Properties in the Pb <sub>6</sub> Ga <sub>6</sub> Te <sub>10</sub> Phase. <i>Inorganic Chemistry</i> , 2021, 60, 2771-2782.	4.0	13
24	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
25	Simple synthesis 11-substituted norcryptotackieine derivatives. <i>RSC Advances</i> , 2015, 5, 94296-94303.	3.6	12
26	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. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 763-768.	1.5	11
27	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
28	Synthesis of 4-nitro-2-hydroxyisoindole derivatives. <i>Liebigs Annalen Der Chemie</i> , 1991, 1991, 831-832.	0.8	10
29	Vicarious Nucleophilic Substitution (VNS) of Hydrogen in Azulenes. <i>Liebigs Annalen Der Chemie</i> , 1994, 1994, 615-618.	0.8	10
30	Evaluation of the double-tuned functionally graded thermoelectric material approach for the fabrication of $n$ -type leg based on Pb <sub>0.75</sub> Sn <sub>0.25</sub> Te. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	10
31	Electron impact-induced fragmentation of 2,1-benzisothiazoline 2,2-dioxide. <i>Organic Mass Spectrometry</i> , 1993, 28, 853-859.	1.3	9
32	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
33	Simple synthesis of 4-cyanoquinoline N-oxides. <i>Tetrahedron Letters</i> , 2016, 57, 1014-1018.	1.4	9
34	Synthesis of [1]Benzothieno[2,3-b]quinolines via Transition-Metal-Free [3+3] Annulation of Nitroarenes and Benzo[b]thiophen-3-ylacetonitrile or 3-(Phenylsulfonylmethyl)benzo[b]thiophene Carbanions. <i>Synthesis</i> , 2017, 49, 3794-3800.	2.3	9
35	Crystal Structure and Thermoelectric Properties of Novel Quaternary Cu <sub>2</sub> MHf <sub>3</sub> S <sub>8</sub> (M = Mn, Fe, Co, and Ni) Thiospinels with Low Thermal Conductivity. <i>Chemistry of Materials</i> , 2022, 34, 2146-2160.	6.7	8
36	Structural and Thermoelectric Properties of Solid-Liquid In <sub>4</sub> Se <sub>3</sub> -In Composite. <i>Journal of Electronic Materials</i> , 2019, 48, 5418-5427.	2.2	7

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37	Synthesis of pyrrolo[3,2-a]phenazines from 5-nitroindoles and anilines. Monatshefte für Chemie, 2013, 144, 1847-1853.	1.8	6
38	Phase Analysis and Thermoelectric Properties of Cu-Rich Tetrahedrite Prepared by Solvothermal Synthesis. Materials, 2022, 15, 849.	2.9	6
39	Electron ionization-induced fragmentation of 3-cyclopropanospiro and 3-cyclobutanospiro derivatives of Benzo- and pyridosultams. Journal of Mass Spectrometry, 2001, 36, 430-440.	1.6	5
40	New Simple Synthesis of Quinoline-4-carbonitriles. Synlett, 2012, 23, 2682-2686.	1.8	5
41	Transition-Metal-Free Direct Synthesis of Tetra- and Pentacyclic Azaheteroarenes via [3+3] Annulation of Nitroarenes and Benzyl-Type Carbanions Mediated by Silylating Agents.. ChemistrySelect, 2016, 1, 4886-4890.	1.5	5
42	Transition-metal-free [3 + 3] annulation of indol-2-ylmethyl carbanions to nitroarenes. A novel synthesis of indolo[3,2-b]quinolines (quindolines). Beilstein Journal of Organic Chemistry, 2018, 14, 194-202.	2.2	4
43	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. Organic and Biomolecular Chemistry, 2017, 15, 2397-2402.	2.8	3