

# Ulrike Werner-Zwanziger

## List of Publications by Year in descending order

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42  
papers

1,058  
citations

471509

17  
h-index

414414

32  
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43  
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43  
docs citations

43  
times ranked

1389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Ultrasmall Sub-10 nm Ligand-Functionalized Fluorescent Core-Shell Silica Nanoparticle Growth in Water. <i>Chemistry of Materials</i> , 2015, 27, 4119-4133.	6.7	107
2	Zero Thermal Expansion in $ZrMgMo_3O_{12}$ : NMR Crystallography Reveals Origins of Thermoelastic Properties. <i>Chemistry of Materials</i> , 2015, 27, 2633-2646.	6.7	90
3	Solid polymer electrolytes which contain tricoordinate boron for enhanced conductivity and transference numbers. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1108-1116.	10.3	84
4	Controlling Growth of Ultrasmall Sub-10 nm Fluorescent Mesoporous Silica Nanoparticles. <i>Chemistry of Materials</i> , 2013, 25, 677-691.	6.7	82
5	Hybrid composite polymer electrolytes: ionic liquids as a magic bullet for the poly(ethylene terephthalate) based polymer electrolyte. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1108-1116.	10.3	79
6	A Redox-Confused Bismuth(I/III) Triamide with a C <sub>6</sub> -Shaped Planar Ground State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7850-7855.	13.8	68
7	Thermal maturity of type II kerogen from the New Albany Shale assessed by <sup>13</sup> C CP/MAS NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2005, 27, 140-148.	2.3	56
8	Induced Microphase Separation in Hybrid Composite Polymer Electrolytes Based on Poly(acrylonitrile-butadiene) and Ionic Liquids. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 794-803.	2.2	56
9	Periodicity in Structure, Bonding, and Reactivity for p-Block Complexes of a Geometry Constraining Triamide Ligand. <i>Chemistry - A European Journal</i> , 2019, 25, 16414-16424.	3.3	41
10	Self-Assembled Gyroidal Mesoporous Polymer-Derived High Temperature Ceramic Monoliths. <i>Chemistry of Materials</i> , 2016, 28, 2131-2137.	6.7	29
11	A New Solid-State Proton Conductor: The Salt Hydrate Based on Imidazolium and 12-Tungstophosphate. <i>Journal of the American Chemical Society</i> , 2021, 143, 13895-13907.	13.7	28
12	Stimuli-Responsive Shapeshifting Mesoporous Silica Nanoparticles. <i>Nano Letters</i> , 2016, 16, 651-655.	9.1	26
13	Mono- and Bis(imidazolidinium ethynyl) Cations and Reduction of the Latter To Give an Extended Bis(1,4-cyclohexadiene)carboquinoid System. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 749-754.	13.8	24
14	Composition and Morphology Control in Ordered Mesostructured High-Temperature Ceramics from Block Copolymer Mesophases. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2096-2108.	2.2	22
15	A Redox-Confused Bismuth(I/III) Triamide with a C <sub>6</sub> -Shaped Planar Ground State. <i>Angewandte Chemie</i> , 2019, 131, 7932-7937.	2.0	21
16	Thermal Expansion Reduction in Alumina-Toughened Zirconia by Incorporation of Zirconium Tungstate and Aluminum Tungstate. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2858-2865.	3.8	20
17	Preparation, Structural Analysis, and Reactivity Studies of Phosphenium Dications. <i>Organometallics</i> , 2016, 35, 439-449.	2.3	19
18	Composition-structure-properties relationship of strontium borate glasses for medical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2344-2354.	4.0	17

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19	Correlation of Structure and Photoelastic Response in Tin Phosphate Glass. <i>International Journal of Applied Glass Science</i> , 2011, 2, 282-289.	2.0	15
20	Relating <sup>139</sup> La Quadrupolar Coupling Constants to Polyhedral Distortion in Crystalline Structures. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25508-25517.	3.1	15
21	Effect of boron oxide addition on the viscosity-temperature behaviour and structure of phosphate-based glasses. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 764-777.	3.4	15
22	Amorphous Quantum Nanomaterials. <i>Advanced Materials</i> , 2019, 31, 1806993.	21.0	15
23	<sup>125</sup> Te NMR Probes of Tellurium Oxide Crystals: Shielding-Structure Correlations. <i>Inorganic Chemistry</i> , 2018, 57, 892-898.	4.0	14
24	Lithium-Assisted Proton Conduction at 150 Å°C in a Microporous Triazine-Phenol Polymer. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500301.	3.7	11
25	Mono- and Bis(imidazolidinium ethynyl) Cations and Reduction of the Latter To Give an Extended Bis(1,4-cumulene)-carboquinoid System. <i>Angewandte Chemie</i> , 2018, 130, 757-762.	2.0	10
26	Structural Differences between the Glass and Crystal Forms of the Transparent Ferroelectric Nanocomposite, LaBGeO <sub>5</sub> , from Neutron Diffraction and NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 20963-20980.	3.1	10
27	Composition-structure-property relationships for non-classical ionomer cements formulated with zinc-boron germanium-based glasses. <i>Journal of Biomaterials Applications</i> , 2015, 29, 1203-1217.	2.4	9
28	Relationship between thermal conductivity and structure of nacre from <i>Haliotis fulgens</i> . <i>Journal of Materials Research</i> , 2011, 26, 1216-1224.	2.6	8
29	Network Connectivity and Crystallization in the Transparent Ferroelectric Nanocomposite LaBGeO <sub>5</sub> . <i>Journal of Physical Chemistry C</i> , 2019, 123, 11860-11873.	3.1	8
30	(PNSiMe <sub>3</sub> ) <sub>4</sub> (NMe) <sub>6</sub> : A Robust Tetravalent Phosphazene-diamantane Scaffold for Molecular and Macromolecular Construction**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
31	Highly fluorescent sub 40-nm aminated mesoporous silica nanoparticles. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 32-38.	2.4	7
32	Stimulation of apoptotic pathways in liver cancer cells: An alternative perspective on the biocompatibility and the utility of biomedical glasses. <i>Journal of Biomaterials Applications</i> , 2016, 30, 1445-1459.	2.4	7
33	Si(CO) <sub>y</sub> Negative Electrodes for Li-Ion Batteries. <i>Chemistry of Materials</i> , 2021, 33, 7386-7395.	6.7	7
34	Heavy Metals Make a Chain: A Catenated Bismuth Compound. <i>Chemistry - A European Journal</i> , 2020, 26, 7711-7719.	3.3	6
35	C-F Bond Activation in the Solid State: Functionalization of Carbon through Reactions of Graphite Fluoride with Amines. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10326-10333.	3.1	6
36	Phase transformations during processing and in vitro degradation of porous calcium polyphosphates. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 117.	3.6	5

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37	Amorphous Quantum Nanomaterials: Amorphous Quantum Nanomaterials (Adv. Mater. 5/2019). Advanced Materials, 2019, 31, 1970034.	21.0	2
38	Cyanographite. Journal of Physical Chemistry C, 2022, 126, 3001-3008.	3.1	2
39	(PNSiMe <sub>3</sub> ) <sub>4</sub> (NMe) <sub>6</sub> : A Robust Tetravalent Phosphazaadamantane Scaffold for Molecular and Macromolecular Construction. Angewandte Chemie, 0, , .	2.0	2
40	Bitumen on Water: Charred Hay as a PFD (Petroleum Flotation Device). Journal of Marine Science and Engineering, 2015, 3, 1244-1259.	2.6	0
41	High Borate Networks as a Platform to Modulate Temporal Release of Therapeutic Metal Ions Gallium and Strontium. Biomedical Glasses, 2017, 3, .	2.4	0
42	Solid-state nuclear magnetic resonance investigation of synthetic phlogopite and lepidolite samples. Magnetic Resonance in Chemistry, 2020, 58, 1099-1108.	1.9	0