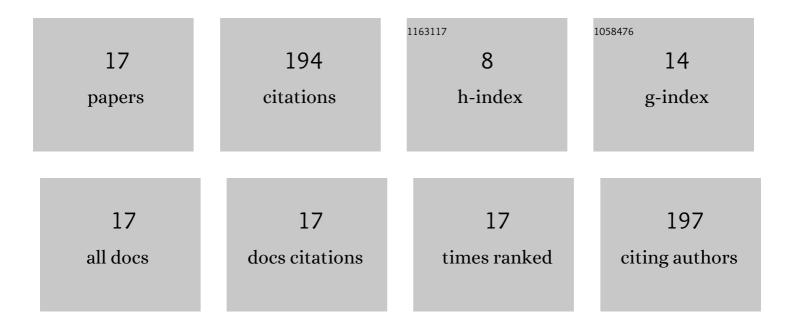
Henrik Bradtmüller

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of boron incorporation on the bioactivity, structure, and mechanical properties of ordered mesoporous bioactive glasses. Journal of Materials Chemistry B, 2020, 8, 1456-1465.	5.8	32
2	Structural Studies of NaPO ₃ –AlF ₃ Glasses by High-Resolution Double-Resonance Nuclear Magnetic Resonance Spectroscopy. Journal of Physical Chemistry C, 2018, 122, 21579-21588.	3.1	29
3	Structural Origins of Crack Resistance on Magnesium Aluminoborosilicate Glasses Studied by Solid-State NMR. Journal of Physical Chemistry C, 2019, 123, 14941-14954.	3.1	21
4	Combined Experimental and Computational Approach toward the Structural Design of Borosilicate-Based Bioactive Glasses. Journal of Physical Chemistry C, 2020, 124, 17655-17674.	3.1	18
5	Composition–Structure–Solubility Relationships in Borosilicate Glasses: Toward a Rational Design of Bioactive Glasses with Controlled Dissolution Behavior. ACS Applied Materials & Interfaces, 2021, 13, 31495-31513.	8.0	15
6	Aerogelation of Polymer-Coated Photoluminescent, Plasmonic, and Magnetic Nanoparticles for Biosensing Applications. ACS Applied Nano Materials, 2021, 4, 6678-6688.	5.0	13
7	Structural aspects of the glass-to-crystal transition in sodium-calcium silicate glasses. Journal of Non-Crystalline Solids, 2020, 535, 119844.	3.1	10
8	Glass-to-crystal transition in the NASICON glass-ceramic system Na1+xAlxM2â^'x(PO4)3 (M=Ge, Ti). Journal of Non-Crystalline Solids, 2018, 489, 91-101.	3.1	9
9	Network former mixing effects in alkali germanotellurite glasses: A vibrational spectroscopic study. Journal of Alloys and Compounds, 2021, 882, 160782.	5.5	8
10	Recoupling dipolar interactions with multiple I=1 quadrupolar nuclei: A 11B{6Li} and 31P{6Li} rotational echo double resonance study of lithium borophosphate glasses. Solid State Nuclear Magnetic Resonance, 2017, 84, 143-150.	2.3	7
11	Structural characterization of boron-containing glassy and semi-crystalline Biosilicate® by multinuclear NMR. Journal of Non-Crystalline Solids, 2019, 505, 390-399.	3.1	5
12	Network former mixing (NFM) effects in alkali germanotellurite glasses. Journal of Alloys and Compounds, 2021, 873, 159835.	5.5	5
13	Isothermal evolution of phase composition, structural parameters, and ionic conductivity in Na1+Al Ge2-(PO4)3 glass-ceramics. Journal of Non-Crystalline Solids, 2020, 533, 119725.	3.1	5
14	Structural and luminescence characterization of europium-doped niobium germanate glasses and glass-ceramics: Novel insights from 93Nb solid-state NMR spectroscopy. Ceramics International, 2022, 48, 20801-20808.	4.8	5
15	Rare-earth solid-state NMR spectroscopy of intermetallic compounds: The case of the 175Lu isotope. Solid State Nuclear Magnetic Resonance, 2019, 101, 63-67.	2.3	4
16	Solid‣tate Nuclear Magnetic Resonance Techniques for the Structural Characterization of Geminal Alaneâ€Phosphane Frustrated Lewis Pairs and Secondary Adducts. Chemistry - A European Journal, 2021, 27, 13249-13257.	3.3	4
17	BiF ₃ Incorporation in Na/Ba Mixed Network Modifier Fluoride–Phosphate Glasses: Structural Studies by Solid-State NMR and Raman Spectroscopies. Journal of Physical Chemistry C, 2020, 124, 25578-25587.	3.1	4