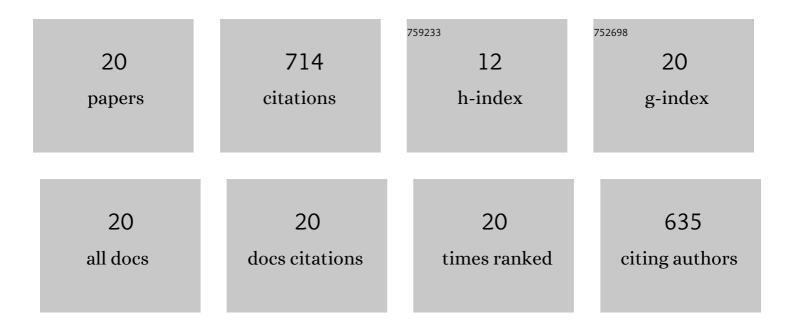
Tsuyoshi Honma

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Formation of highly dispersed tin nanoparticles in amorphous silicates for sodium ion battery anode. Journal of Physics and Chemistry of Solids, 2022, 161, 110377.	4.0	7
2	Nanoscale composition fluctuations and crystallization process: Case study in Li ₂ O–SiO ₂ â€based glasses. International Journal of Applied Glass Science, 2022, 13, 591-609.	2.0	5
3	Stressâ€induced crystal axis spiral rotation in multiferroic β'â€Gd ₂ (MoO ₄) ₃ observed only in glass crystallization. International Journal of Applied Glass Science, 2021, 12, 46-64.	2.0	4
4	Electronic polarizability in silicate glasses by comparison of experimental and theoretical optical basicities. International Journal of Applied Glass Science, 2021, 12, 424-442.	2.0	12
5	Synthesis and Na+ Ion Conductivity of Stoichiometric Na3Zr2Si2PO12 by Liquid-Phase Sintering with NaPO3 Glass. Materials, 2021, 14, 3790.	2.9	23
6	Phase selective crystallization of Na ₂ Mn _{0.9} Fe _{0.1} P ₂ O ₇ glass by laser irradiation. International Journal of Applied Glass Science, 2020, 11, 112-119.	2.0	7
7	A review: A new insight for electronic polarizability and chemical bond strength in Bi2O3-based glasses. Journal of Non-Crystalline Solids, 2020, 550, 120365.	3.1	17
8	Laserâ€induced modification and external pressureless joining Na ₂ FeP ₂ O ₇ on solid electrolyte. International Journal of Ceramic Engineering & Science, 2020, 2, 332-341.	1.2	7
9	Enhanced rate capabilities in a glass-ceramic-derived sodium all-solid-state battery. Scientific Reports, 2020, 10, 9453.	3.3	41
10	Pressureless allâ€solidâ€state sodiumâ€ion battery consisting of sodium iron pyrophosphate glassâ€ceramic cathode and βâ€3â€alumina solid electrolyte composite. Journal of the American Ceramic Society, 2019, 102, 6658-6667.	3.8	39
11	Surface crystallization and gas bubble formation during conventional heat treatment in Na2MnP2O7 glass. Journal of Non-Crystalline Solids, 2019, 510, 36-41.	3.1	6
12	Crystallization behavior of β′-Gd2(MoO4)3 and Gd4Mo7O27 in composition designed Gd2O3-MoO3-B2O3 glasses. Journal of Non-Crystalline Solids, 2018, 498, 437-442.	3.1	4
13	Updated definition of glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 3-10.	3.1	248
14	Crystallization behavior and electrochemical properties of Na2FeyMn1â^'yP2O7 glass. Journal of Non-Crystalline Solids, 2018, 501, 153-158.	3.1	14
15	Transition and post-transition metal ions in borate glasses: Borate ligand speciation, cluster formation, and their effect on glass transition and mechanical properties. Journal of Chemical Physics, 2016, 145, 124501.	3.0	80
16	Triclinic Na2â^'Fe1+/2P2O7/C glass-ceramics with high current density performance for sodium ion battery. Journal of Power Sources, 2013, 227, 31-34.	7.8	53
17	Fabrication of olivine-type LiMn Fe1â^'PO4 crystals via the glass–ceramic route and their lithium ion battery performance. Ceramics International, 2010, 36, 1137-1141.	4.8	42
18	Patterning of two-dimensional planar lithium niobate architectures on glass surface by laser scanning. Optics Express, 2010, 18, 8019.	3.4	43

#	Article	IF	CITATIONS
19	Writing of crystal lines and its optical properties of rare-earth ion (Er3+ and Sm3+) doped lithium niobate crystal on glass surface formed by laser irradiation. Optical Materials, 2008, 31, 315-319.	3.6	27
20	Patterning of <i>c-</i> axis-oriented Ba ₂ TiX ₂ O ₈ (<i>X</i> = Si, Ge) crystal lines in glass by laser irradiation and their second-order optical nonlinearities. Journal of Materials Research, 2008, 23, 885-888.	2.6	35