Jian Tang

List of Publications by Year
in descending order

15	273	1040056 9	940533 16
papers	citations	h-index	g-index

16	16	16	121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cs₃Na(H₂C₃N₃O₃)₄Â·3H₂O: A Mixed Alkaliâ€Metal Hydroisocyanurate Nonlinear Optical Material Containing Ï€â€Conjugated Sixâ€Memberedâ€Ring Units. European Journal of Inorganic Chemistry, 2019, 2019, 2791-2795.	2.0	49
2	Ba₃(C₃N₃O₃)₂: A New Phase of Barium Cyanurate Containing Parallel Ï€-Conjugated Groups as a Birefringent Material Replacement for Calcite. Crystal Growth and Design, 2019, 19, 568-572.	3.0	49
3	Ba₂M(C₃N₃O₃)₂ (M = Sr, Pb): Band Engineering from pâ^Ï€ Interaction via Homovalent Substitution in Metal Cyanurates Containing Planar Ï€-Conjugated Groups. Inorganic Chemistry, 2019, 58, 9553-9556.	4.0	32
4	LiO₄tetrahedra lock the alignment of Ï€-conjugated layers to maximize optical anisotropy in metal hydroisocyanurates. Inorganic Chemistry Frontiers, 2019, 6, 2850-2854.	6.0	29
5	Optimal arrangement of Ï€-conjugated anionic groups in hydro-isocyanurates leads to large optical anisotropy and second-harmonic generation effect. Inorganic Chemistry Frontiers, 2020, 7, 3674-3686.	6.0	24
6	Mechanochemical Synthesis of an Ionic Cocrystal with Large Birefringence Resulting from Neutral Planar Ï€-Conjugated Groups. Crystal Growth and Design, 2020, 20, 7588-7592.	3.0	21
7	Parallel Alignment of Ï€-Conjugated Anions in Hydroisocyanurates Enhancing Optical Anisotropy. Inorganic Chemistry, 2019, 58, 8948-8952.	4.0	20
8	â€œTwo in oneâ€: an unprecedented mixed anion, Ba₂(C₃N₃O₃)(CNO), with the coexistence of isolated sp and sp² Ï€-conjugated groups. Dalton Transactions, 2019, 48, 14246-14250.	3.3	15
9	Structural modification from centrosymmetric Rb₄Hg₂Ge₂S₈ to noncentrosymmetric (Na₃Rb)Hg₂Ge₂S₈: mixed alkali metals strategy for infrared nonlinear optical material design. Journal of Materials Chemistry C, 2022, 10, 3300-3306.	5.5	13
10	Structural Diversity and Giant Birefringence in Cyanates BaCNOX (X = Cl, Br, I, and CNO) Containing Linear Ï€-Conjugated Units: A Combined Experimental and Theoretical Study. Crystal Growth and Design, 2020, 20, 1242-1247.	3.0	6
11	SrAgAsS₄: A Noncentrosymmetric Sulfide with Good Infrared Nonlinear Optical Performance Induced by Aliovalent Substitution from Centrosymmetric SrGa₂S₄. Inorganic Chemistry, 2022, 61, 9205-9212.	4.0	6
12	New quaternary chalcogenide Ba4HgAs2S10 originating from the combination of linear [HgS2]2â^' and tetrahedral [AsS4]3â^' modules. Dalton Transactions, 2020, 49, 13060-13065.	3.3	4
13	Characterization of pulsed metallic hydride vacuum arc discharge plasmas by optical emission spectroscopy. European Physical Journal D, 2017, 71, 1.	1.3	1
14	Cs3 Na(H2 C3 N3 O3)4 Â·3H2 O: A Mixed Alkali-Metal Hydroisocyanurate Nonlinear Optical Material Containing Ï€-Conjugated Six-Membered-Ring Units. European Journal of Inorganic Chemistry, 2019, 2019, 2789-2789.	2.0	1
15	The synthesis and structureâ€“property relation analysis of metal chalcohalide crystals Cs₂InPS₄X₂ (X = Cl, Br) with mixed anions. Dalton Transactions, 2022, 51, 4728-4733.	3.3	1