

Thangavel Vijayakanth

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ferroelectricity and Piezoelectric Energy Harvesting of Hybrid A ₂ BX ₄ -Type Halogenocuprates Stabilized by Phosphonium Cations. ACS Materials Au, 2022, 2, 124-131.	2.6	8
2	Recent Advances in Organic and Organic-Inorganic Hybrid Materials for Piezoelectric Mechanical Energy Harvesting. Advanced Functional Materials, 2022, 32, .	7.8	124
3	Reversible Stimuli-Responsive Transmembrane Ion Transport Using Phenylhydrazone-Based Photoswitches. ChemPhotoChem, 2022, 6, .	1.5	7
4	Atomic insight into short helical peptide comprised of consecutive multiple aromatic residues. Chemical Communications, 2022, 58, 6445-6448.	2.2	2
5	Ferroelectricity and Uniaxial Negative Thermal Expansion in a Purely Organic Multifunctional Material. ACS Applied Electronic Materials, 2021, 3, 3633-3640.	2.0	4
6	Stimuli-Responsive Anion Transport through Acylhydrazone-Based Synthetic Anionophores. Organic Letters, 2021, 23, 7319-7324.	2.4	12
7	Nanocellulose Reinforced Flexible Composite Nanogenerators with Enhanced Vibrational Energy Harvesting and Sensing Properties. ACS Applied Polymer Materials, 2020, 2, 2550-2562.	2.0	26
8	Piezoelectric Energy Harvesting from a Ferroelectric Hybrid Salt [Ph ₃ MeP] ₄ [Ni(NCS) ₆] Embedded in a Polymer Matrix. Angewandte Chemie - International Edition, 2020, 59, 10368-10373.	7.2	38
9	Piezoelectric Energy Harvesting from a Ferroelectric Hybrid Salt [Ph ₃ MeP] ₄ [Ni(NCS) ₆] Embedded in a Polymer Matrix. Angewandte Chemie, 2020, 132, 10454-10459.	1.6	13
10	All-Organic Composites of Ferro- and Piezoelectric Phosphonium Salts for Mechanical Energy Harvesting Application. Chemistry of Materials, 2019, 31, 5964-5972.	3.2	33
11	Hydrogen-bonded organo-amino phosphonium halides: dielectric, piezoelectric and possible ferroelectric properties. Dalton Transactions, 2019, 48, 7331-7336.	1.6	11
12	Contrasting reactivity of (boryl)(aryl)lithium-amide with electrophiles: N- vs. p-aryl-C-nucleophilic substitution. Dalton Transactions, 2018, 47, 14411-14415.	1.6	0
13	A Flexible Composite Mechanical Energy Harvester from a Ferroelectric Organoamino Phosphonium Salt. Angewandte Chemie - International Edition, 2018, 57, 9054-9058.	7.2	25
14	A Flexible Composite Mechanical Energy Harvester from a Ferroelectric Organoamino Phosphonium Salt. Angewandte Chemie, 2018, 130, 9192-9196.	1.6	13
15	NHC-stabilized 1-hydrosilamine: synthesis, structure and reactivity. Chemical Communications, 2017, 53, 8592-8595.	2.2	7
16	Altering polarization attributes in ferroelectric metallo-cavitands by varying hydrated alkali-metal guest cations. Journal of Materials Chemistry C, 2017, 5, 7352-7359.	2.7	10
17	Stereochemically Distinct Cyclotetrasiloxanes Containing 3-Pyridyl Moieties and Their Functional Coordination Polymers. Inorganic Chemistry, 2016, 55, 3098-3104.	1.9	12