

Thangavel Vijayakanth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9315242/publications.pdf>

Version: 2024-02-01

17
papers

345
citations

933264

10
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

242
citing authors

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