

Andre Sutrisno

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,135
citations

361296

20
h-index

395590

33
g-index

47
all docs

47
docs citations

47
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Internalization of Fluoride in Hydroxyapatite Nanoparticles. <i>Environmental Science & Technology</i> , 2021, 55, 2639-2651.	4.6	12
2	Relative importance of Al(V) and reinforcement to the flexural strength of geopolymer composites. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3452-3460.	1.9	8
3	Unraveling the Origin of Interfacial Oxidation of InP-Based Quantum Dots: Implications for Bioimaging and Optoelectronics. <i>ACS Applied Nano Materials</i> , 2020, 3, 12325-12333.	2.4	23
4	Biodegradable MRI Visible Drug Eluting Stent Reinforced by Metal Organic Frameworks. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000136.	3.9	21
5	Mechanistic Insights into Size-Focused Growth of Indium Phosphide Nanocrystals in the Presence of Trace Water. <i>Chemistry of Materials</i> , 2020, 32, 3577-3584.	3.2	17
6	Slag fly ash and slag metakaolin binders: Part II Properties of precursors and NMR study of poorly ordered phases. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3204-3227.	1.9	30
7	Phase stability and structural comparison of phases in the Cu-Zn-Sn-S system using solid-state NMR. <i>Solar Energy Materials and Solar Cells</i> , 2019, 190, 37-48.	3.0	3
8	Inspecting the Structure and Formation of Molecular Sieve SAPO-34 via ¹⁷ O Solid-State NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7260-7277.	1.5	8
9	Nanofiller-conjugated percolating conductive network modified polymerization reaction characteristics of aromatic thermosetting copolyester resin. <i>RSC Advances</i> , 2018, 8, 4946-4954.	1.7	11
10	Effects of calcium on setting mechanism of metakaolin based geopolymer. <i>Journal of the American Ceramic Society</i> , 2018, 101, 957-968.	1.9	74
11	Glass transition broadening via nanofiller contiguous polymer network in aromatic thermosetting copolyester nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1595-1603.	2.4	5
12	Aromatic thermosetting copolyester bionanocomposites as reconfigurable bone substitute materials: Interfacial interactions between reinforcement particles and polymer network. <i>Scientific Reports</i> , 2018, 8, 14869.	1.6	8
13	Identifying Short-Range Disorder in Crystalline Bulk Cu ₂ SnS ₃ Phases: A Solid-State Nuclear Magnetic Resonance Spectroscopic Investigation. <i>Chemistry of Materials</i> , 2018, 30, 6624-6635.	3.2	16
14	Interfacial liquid crystalline mesophase domain on carbon nanofillers in aromatic thermosetting copolyester matrix. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46584.	1.3	3
15	Setting and nanostructural evolution of metakaolin geopolymer. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2285-2295.	1.9	49
16	3D Printed Multidrug Eluting Stent from Graphene Nanoplatelet Doped Biodegradable Polymer Composite. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700008.	3.9	89
17	Oxygen-Induced Ordering in Bulk Polycrystalline Cu ₂ ZnSnS ₄ by Sn Removal. <i>Inorganic Chemistry</i> , 2017, 56, 12328-12336.	1.9	9
18	Comprehensive Multiphase (CMP) NMR Monitoring of the Structural Changes and Molecular Flux Within a Growing Seed. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6779-6788.	2.4	26

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19	Periodic Functionalization of Grapheneâ€‘Layered Alumina Nanofibers with Aromatic Thermosetting Copolyester via Epitaxial Stepâ€‘Growth Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700338.	1.1	7
20	Critical Size for Bulk-to-Discrete Transition in 2D Aliphatic Layers: Abrupt Size Effect Observed via Calorimetry and Solid-State ¹³ C NMR. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13916-13929.	1.5	3
21	Synthesis of Pyridineâ€‘ and Pyrazineâ€‘BF ₃ Complexes and Their Characterization in Solution and Solid State. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8461-8471.	1.5	21
22	Insights into the composition of recalcitrant organic matter from estuarine sediments using NMR spectroscopy. <i>Organic Geochemistry</i> , 2016, 98, 155-165.	0.9	27
23	<i>In vivo</i> NMR spectroscopy: toward real time monitoring of environmental stress. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 774-779.	1.1	53
24	Doubling sensitivity in solids NMR: a simple and economical procedure for compressing samples. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 769-773.	1.1	1
25	A ratiometric NMR pH sensing strategy based on a slow-proton-exchange (SPE) mechanism. <i>Chemical Science</i> , 2015, 6, 6305-6311.	3.7	10
26	Recent Advances in Solid-State ⁶⁷ Zn NMR Studies. <i>Annual Reports on NMR Spectroscopy</i> , 2014, 81, 1-46.	0.7	16
27	New Insights into the Short-Range Structures of Microporous Titanosilicates As Revealed by ^{47/49} Ti, ²³ Na, ³⁹ K, and ²⁹ Si Solid-State NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27353-27365.	1.5	25
28	Comprehensive Multiphase NMR Spectroscopy of Intact ¹³ C-Labeled Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 107-115.	2.4	38
29	Spies Within Metal-Organic Frameworks: Investigating Metal Centers Using Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23728-23744.	1.5	56
30	Solid-state NMR: A powerful tool for characterization of metalâ€‘organic frameworks. <i>Solid State Nuclear Magnetic Resonance</i> , 2013, 49-50, 1-11.	1.5	90
31	Identification of Nonequivalent Framework Oxygen Species in Metalâ€‘Organic Frameworks by ¹⁷ O Solid-State NMR. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16953-16960.	1.5	59
32	Solidâ€‘State ⁷³ Geâ€‘...NMR Spectroscopy of Simple Organogermanes. <i>Chemistry - A European Journal</i> , 2012, 18, 13770-13779.	1.7	13
33	Characterization of Znâ€‘Containing Metalâ€‘Organic Frameworks by Solidâ€‘State ⁶⁷ Zn NMR Spectroscopy and Computational Modeling. <i>Chemistry - A European Journal</i> , 2012, 18, 12251-12259.	1.7	66
34	Back Cover: Characterization of Zn-Containing Metal-Organic Frameworks by Solid-State ⁶⁷ Zn NMR Spectroscopy and Computational Modeling (<i>Chem. Eur. J.</i> 39/2012). <i>Chemistry - A European Journal</i> , 2012, 18, 12532-12532.	1.7	0
35	Driving selective aerobic oxidation of alkyl aromatics by sunlight on alcohol grafted metal hydroxides. <i>Chemical Science</i> , 2012, 3, 2138.	3.7	61
36	Solid-State ⁹¹ Zr NMR Characterization of Layered and Three-Dimensional Framework Zirconium Phosphates. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17070-17081.	1.5	20

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37	Natural abundance solid-state ^{67}Zn NMR characterization of microporous zinc phosphites and zinc phosphates at ultrahigh magnetic field. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16606.	1.3	18
38	Exploring the limits of ^{73}Ge solid-state NMR spectroscopy at ultrahigh magnetic field. <i>Chemical Communications</i> , 2010, 46, 2817.	2.2	19
39	Combined $^{135}/^{137}\text{Ba}$ Solid-State NMR at an Ultrahigh Magnetic Field and Computational Study of $^{12}\text{-Barium Borate}$. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21196-21201.	1.5	25
40	A natural abundance ^{33}S solid-state NMR study of layered transition metal disulfides at ultrahigh magnetic field. <i>Chemical Communications</i> , 2009, , 186-188.	2.2	31
41	Experimental and theoretical investigations of selenium nuclear magnetic shielding tensors in Se -N heterocycles. <i>Canadian Journal of Chemistry</i> , 2009, 87, 1546-1564.	0.6	14
42	Synthesis and characterization of cationic selenium -nitrogen heterocycles from tert-butyl-DAB (DAB) contrast with tellurium. <i>Dalton Transactions</i> , 2008, , 3470.	1.6	41