

Andrew J Surman

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,060
citations

471509

17
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	Hand-portable HPLC with broadband spectral detection enables analysis of complex polycyclic aromatic hydrocarbon mixtures. <i>Communications Chemistry</i> , 2021, 4, .	4.5	22
2	Developing iron-based anionic redox couples for thermogalvanic cells: towards the replacement of the ferricyanide/ferrocyanide redox couple. <i>Green Chemistry</i> , 2021, 23, 8901-8915.	9.0	21
3	A Review of Portable High-Performance Liquid Chromatography: the Future of the Field?. <i>Chromatographia</i> , 2020, 83, 1165-1195.	1.3	38
4	Future challenges and new approaches: general discussion. <i>Faraday Discussions</i> , 2019, 218, 505-523.	3.2	1
5	Environmental control programs the emergence of distinct functional ensembles from unconstrained chemical reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5387-5392.	7.1	40
6	Stereoselective Assembly of Gigantic Chiral Molybdenum Blue Wheels Using Lanthanide Ions and Amino Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 1242-1250.	13.7	64
7	Miller's "Urey Spark" Discharge Experiments in the Deuterium World. <i>Angewandte Chemie</i> , 2017, 129, 8191-8194.	2.0	1
8	Miller's "Urey Spark" Discharge Experiments in the Deuterium World. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8079-8082.	13.8	15
9	Spontaneous Assembly of an Organic-Inorganic Nucleic Acid-DNA Double-Helix Structure. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1141-1145.	13.8	32
10	Spontaner Aufbau einer organisch-anorganischen Nukleinsäure-DNA-Doppelhelix-Struktur. <i>Angewandte Chemie</i> , 2017, 129, 1161-1165.	2.0	4
11	Self-templating and In-situ Assembly of a Cubic Cluster of Clusters Architecture Based on a {Mo ₂₄ Fe ₁₂ } Inorganic Macrocycle. <i>Angewandte Chemie</i> , 2016, 128, 12895-12899.	2.0	1
12	Overcoming the Crystallization Bottleneck: A Family of Gigantic Inorganic {Pd _x } ^L (x=84, 72) Palladium Macrocycles Discovered using Solution Techniques. <i>Angewandte Chemie</i> , 2016, 128, 12933-12937.	2.0	8
13	Rücktitelbild: Self-templating and In-situ Assembly of a Cubic Cluster of Clusters Architecture Based on a {Mo ₂₄ Fe ₁₂ } Inorganic Macrocycle (<i>Angew. Chem.</i> 41/2016). <i>Angewandte Chemie</i> , 2016, 128, 13106-13106.	2.0	0
14	Self-templating and In-situ Assembly of a Cubic Cluster of Clusters Architecture Based on a {Mo ₂₄ Fe ₁₂ } Inorganic Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12703-12707.	13.8	37
15	Overcoming the Crystallization Bottleneck: A Family of Gigantic Inorganic {Pd _x } ^L (x=84, 72) Palladium Macrocycles Discovered using Solution Techniques. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12741-12745.	13.8	24
16	Exploiting the equilibrium dynamics in the self-assembly of inorganic macrocycles based upon polyoxothiometalate building blocks. <i>Chemical Communications</i> , 2016, 52, 9109-9112.	4.1	15
17	Sizing and Discovery of Nanosized Polyoxometalate Clusters by Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2016, 138, 3824-3830.	13.7	55
18	Configurable Nanosized Metal Oxide Oligomers via Precise "Click" Coupling Control of Hybrid Polyoxometalates. <i>Journal of the American Chemical Society</i> , 2015, 137, 5662-5665.	13.7	95

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19	Formation of oligopeptides in high yield under simple programmable conditions. <i>Nature Communications</i> , 2015, 6, 8385.	12.8	144
20	Frontispiz: Exploring the Symmetry, Structure, and Self-Assembly Mechanism of a Gigantic Seven-Fold Symmetric {Pd ₈₄ } Wheel. <i>Angewandte Chemie</i> , 2014, 126, .	2.0	0
21	Polyoxometalate Clusters Integrated into Peptide Chains and as Inorganic Amino Acids: Solution- and Solid-Phase Approaches. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3336-3341.	13.8	111
22	Exploring the Symmetry, Structure, and Self-Assembly Mechanism of a Gigantic Seven-Fold Symmetric {Pd ₈₄ } Wheel. <i>Angewandte Chemie</i> , 2014, 126, 10196-10201.	2.0	16
23	Controlling the Ring Curvature, Solution Assembly, and Reactivity of Gigantic Molybdenum Blue Wheels. <i>Journal of the American Chemical Society</i> , 2014, 136, 14114-14120.	13.7	74
24	Frontispiece: Exploring the Symmetry, Structure, and Self-Assembly Mechanism of a Gigantic Seven-Fold Symmetric {Pd ₈₄ } Wheel. <i>Angewandte Chemie - International Edition</i> , 2014, 53, .	13.8	0
25	Exploring the Symmetry, Structure, and Self-Assembly Mechanism of a Gigantic Seven-Fold Symmetric {Pd ₈₄ } Wheel. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10032-10037.	13.8	53
26	A collection of robust methodologies for the preparation of asymmetric hybrid Mn-Anderson polyoxometalates for multifunctional materials. <i>Chemical Science</i> , 2013, 4, 3810-3817.	7.4	70
27	Use of ion-mobility mass spectrometry (IMS-MS) to map polyoxometalate Keplerate clusters and their supramolecular assemblies. <i>Chemical Communications</i> , 2013, 49, 1909.	4.1	43
28	Targeting of anionic membrane species by lanthanide(III) complexes: towards improved MRI contrast agents for apoptosis. <i>Chemical Communications</i> , 2011, 47, 10245.	4.1	13
29	A Pyrophosphate-Responsive Gadolinium(III) MRI Contrast Agent. <i>Chemistry - A European Journal</i> , 2011, 17, 223-230.	3.3	33