# Nonappa

## List of Publications by Citations



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|---|---|---|---|
| 92 papers | 2,382 citations | 27 h-index | 45 g-index |
| 104 ext. papers | 3,070 ext. citations | 7.5 avg, IF | 5.52 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 92 | Advanced Materials through Assembly of Nanocelluloses. *Advanced Materials*, **2018**, 30, e1703779 | 24 | 340 |
| 91 | Protein Coating of DNA Nanostructures for Enhanced Stability and Immunocompatibility. *Advanced Healthcare Materials*, **2017**, 6, 1700692 | 10.1 | 121 |
| 90 | Unlocking the potential of bile acids in synthesis, supramolecular/materials chemistry and nanoscience. *Organic and Biomolecular Chemistry*, **2008**, 6, 657-69 | 3.9 | 108 |
| 89 | Cationic polymers for DNA origami coating - examining their binding efficiency and tuning the enzymatic reaction rates. *Nanoscale*, **2016**, 8, 11674-80 | 7.7 | 88 |
| 88 | Nanocellulose: Recent Fundamental Advances and Emerging Biological and Biomimicking Applications. *Advanced Materials*, **2021**, 33, e2004349 | 24 | 81 |
| 87 | Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. *Angewandte Chemie - International Edition*, **2016**, 55, 16035-16038 | 16.4 | 64 |
| 86 | CuI-mediated cross-coupling of aryl halides with oximes: a direct access to O-aryloximes. *Organic Letters*, **2007**, 9, 2767-70 | 6.2 | 61 |
| 85 | Subcomponent self-assembly: a quick way to new metallogels. *Chemistry - A European Journal*, **2013**, 19, 12978-81 | 4.8 | 59 |
| 84 | Cooperative colloidal self-assembly of metal-protein superlattice wires. *Nature Communications*, **2017**, 8, 671 | 17.4 | 54 |
| 83 | Aligning cellulose nanofibril dispersions for tougher fibers. *Scientific Reports*, **2017**, 7, 11860 | 4.9 | 52 |
| 82 | Unraveling the packing pattern leading to gelation using SS NMR and X-ray diffraction: direct observation of the evolution of self-assembled fibers. *Soft Matter*, **2010**, 6, 1748 | 3.6 | 41 |
| 81 | Complexes of Magnetic Nanoparticles with Cellulose Nanocrystals as Regenerable, Highly Efficient, and Selective Platform for Protein Separation. *Biomacromolecules*, **2017**, 18, 898-905 | 6.9 | 40 |
| 80 | Diversity in Itraconazole Cocrystals with Aliphatic Dicarboxylic Acids of Varying Chain Length. *Crystal Growth and Design*, **2013**, 13, 4877-4884 | 3.5 | 39 |
| 79 | Bile acid□mino acid ester conjugates: gelation, structural properties, and thermoreversible solid to solid phase transition. *Soft Matter*, **2010**, 6, 3789 | 3.6 | 38 |
| 78 | Biomimetic composites with enhanced toughening using silk-inspired triblock proteins and aligned nanocellulose reinforcements. *Science Advances*, **2019**, 5, eaaw2541 | 14.3 | 37 |
| 77 | Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. *Angewandte Chemie - International Edition*, **2018**, 57, 6522-6526 | 16.4 | 37 |
| 76 | Design, synthesis and stimuli responsive gelation of novel stigmasterol-amino acid conjugates. *Journal of Colloid and Interface Science*, **2011**, 361, 587-93 | 9.3 | 37 |

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| 75 | Hydrogen Bonding Directed Colloidal Self-Assembly of Nanoparticles into 2D Crystals, Capsids, and Supracolloidal Assemblies. *Advanced Functional Materials*, **2018**, 28, 1704328 | 15.6 | 37 |
| 74 | Inverse Thermoreversible Mechanical Stiffening and Birefringence in a Methylcellulose/Cellulose Nanocrystal Hydrogel. *Biomacromolecules*, **2018**, 19, 2795-2804 | 6.9 | 35 |
| 73 | Strain-Stiffening of Agarose Gels. *ACS Macro Letters*, **2019**, 8, 670-675 | 6.6 | 34 |
| 72 | Cyclic dipeptides: catalyst/promoter-free, rapid and environmentally benign cyclization of free amino acids. *Green Chemistry*, **2011**, 13, 1203 | 10 | 32 |
| 71 | Phase transitions as intermediate steps in the formation of molecularly engineered protein fibers. *Communications Biology*, **2018**, 1, 86 | 6.7 | 31 |
| 70 | Self-Assembly of Electrostatic Cocrystals from Supercharged Fusion Peptides and Protein Cages. *ACS Macro Letters*, **2018**, 7, 318-323 | 6.6 | 30 |
| 69 | Reversible Supracolloidal Self-Assembly of Cobalt Nanoparticles to Hollow Capsids and Their Superstructures. *Angewandte Chemie - International Edition*, **2017**, 56, 6473-6477 | 16.4 | 28 |
| 68 | Studies on supramolecular gel formation using DOSY NMR. *Magnetic Resonance in Chemistry*, **2015**, 53, 256-60 | 2.1 | 28 |
| 67 | Simple esters of cholic acid as potent organogelators: direct imaging of the collapse of SAFINs. *Soft Matter*, **2007**, 3, 1428-1433 | 3.6 | 28 |
| 66 | Crystalline Cyclophane-Protein Cage Frameworks. *ACS Nano*, **2018**, 12, 8029-8036 | 16.7 | 27 |
| 65 | Rod-Like Nanoparticles with Striped and Helical Topography. *ACS Macro Letters*, **2016**, 5, 1185-1190 | 6.6 | 27 |
| 64 | DNA origami directed 3D nanoparticle superlattice via electrostatic assembly. *Nanoscale*, **2019**, 11, 4546-4551 | 7.7 | 27 |
| 63 | Self-Assembly of Precision Noble Metal Nanoclusters: Hierarchical Structural Complexity, Colloidal Superstructures, and Applications. *Small*, **2021**, 17, e2005718 | 11 | 27 |
| 62 | A steroid-based gelator of A(LS)2 type: tuning gel properties by metal coordination. *Soft Matter*, **2012**, 8, 7840 | 3.6 | 26 |
| 61 | Retention of lysozyme activity by physical immobilization in nanocellulose aerogels and antibacterial effects. *Cellulose*, **2017**, 24, 2837-2848 | 5.5 | 25 |
| 60 | Highly Luminescent Gold Nanocluster Frameworks. *Advanced Optical Materials*, **2019**, 7, 1900620 | 8.1 | 25 |
| 59 | Evidence of Weak Halogen Bonding: New Insights on Itraconazole and its Succinic Acid Cocrystal. *Crystal Growth and Design*, **2013**, 13, 346-351 | 3.5 | 25 |
| 58 | Rapid self-healing and anion selectivity in metallosupramolecular gels assisted by fluorine-fluorine interactions. *Dalton Transactions*, **2017**, 46, 7309-7316 | 4.3 | 24 |

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| 57 | Polymer brush guided templating on well-defined rod-like cellulose nanocrystals. *Polymer Chemistry*, **2018**, 9, 1650-1657 | 4.9 | 24 |
| 56 | Halogenation dictates the architecture of amyloid peptide nanostructures. *Nanoscale*, **2017**, 9, 9805-9810 | 7.7 | 23 |
| 55 | Hierarchical Supramolecular Cross-Linking of Polymers for Biomimetic Fracture Energy Dissipating Sacrificial Bonds and Defect Tolerance under Mechanical Loading. *ACS Macro Letters*, **2017**, 6, 210-214 | 6.6 | 21 |
| 54 | Polymer Nanowires with Highly Precise Internal Morphology and Topography. *Journal of the American Chemical Society*, **2018**, 140, 12736-12740 | 16.4 | 21 |
| 53 | Solid state NMR studies of gels derived from low molecular mass gelators. *Soft Matter*, **2016**, 12, 6015-26 | 3.6 | 20 |
| 52 | Synthesis, Characterization, Thermal and Antimicrobial studies of N-substituted Sulfanilamide derivatives. *Journal of Molecular Structure*, **2014**, 1060, 280-290 | 3.4 | 19 |
| 51 | Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles. *Angewandte Chemie - International Edition*, **2017**, 56, 16186-16190 | 16.4 | 18 |
| 50 | Supramolecular architectures formed by co-crystallization of bile acids and melamine. *CrystEngComm*, **2010**, 12, 4304 | 3.3 | 18 |
| 49 | Solid-State NMR, X-ray Diffraction, and Thermoanalytical Studies Towards the Identification, Isolation, and Structural Characterization of Polymorphs in Natural Bile Acids. *Crystal Growth and Design*, **2009**, 9, 4710-4719 | 3.5 | 18 |
| 48 | In Situ Generation of Chiroptically-Active Gold-Peptide Superstructures Promoted by Iodination. *ACS Nano*, **2019**, 13, 2158-2166 | 16.7 | 18 |
| 47 | Self-Coacervation of a Silk-Like Protein and Its Use As an Adhesive for Cellulosic Materials. *ACS Macro Letters*, **2018**, 7, 1120-1125 | 6.6 | 18 |
| 46 | Soft cellulose II nanospheres: sol-gel behaviour, swelling and material synthesis. *Nanoscale*, **2019**, 11, 17773-17781 | 7.7 | 17 |
| 45 | Light-Triggered Reversible Supracolloidal Self-Assembly of Precision Gold Nanoclusters. *ACS Applied Materials & Interfaces*, **2020**, 12, 14569-14577 | 9.5 | 17 |
| 44 | Electrical behaviour of native cellulose nanofibril/carbon nanotube hybrid aerogels under cyclic compression. *RSC Advances*, **2016**, 6, 89051-89056 | 3.7 | 17 |
| 43 | Methyl cellulose/cellulose nanocrystal nanocomposite fibers with high ductility. *European Polymer Journal*, **2019**, 112, 334-345 | 5.2 | 17 |
| 42 | Silica-gentamicin nanohybrids: combating antibiotic resistance, bacterial biofilms, and in vivo toxicity. *International Journal of Nanomedicine*, **2018**, 13, 7939-7957 | 7.3 | 17 |
| 41 | Bipyridine based metallogels: an unprecedented difference in photochemical and chemical reduction in the in situ nanoparticle formation. *Dalton Transactions*, **2017**, 46, 2793-2802 | 4.3 | 16 |
| 40 | Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. *Angewandte Chemie*, **2016**, 128, 16269-16272 | 3.6 | 16 |

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| 39 | Hydrogen bonding asymmetric star-shape derivative of bile acid leads to supramolecular fibrillar aggregates that wrap into micrometer spheres. *Soft Matter*, **2016**, 12, 7159-65 | 3.6 | 16 |
| 38 | Sustainable High Yield Route to Cellulose Nanocrystals from Bacterial Cellulose. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 14384-14388 | 8.3 | 15 |
| 37 | Bile acid-derived mono- and diketals--synthesis, structural characterization and self-assembling properties. *Organic and Biomolecular Chemistry*, **2010**, 8, 2784-94 | 3.9 | 15 |
| 36 | Phthalocyanine-Virus Nanofibers as Heterogeneous Catalysts for Continuous-Flow Photo-Oxidation Processes. *Advanced Materials*, **2019**, 31, e1902582 | 24 | 13 |
| 35 | First Chemical Synthesis, Aggregation Behavior and Cholesterol Solubilization Properties of Pythocholic Acid and 16‐Hydroxycholic Acid. *European Journal of Organic Chemistry*, **2007**, 2007, 3331-3336 | 2.2 | 13 |
| 34 | Luminescent gold nanoclusters for bioimaging applications. *Beilstein Journal of Nanotechnology*, **2020**, 11, 533-546 | 3 | 13 |
| 33 | Spermine amides of selected triterpenoid acids: dynamic supramolecular system formation influences the cytotoxicity of the drugs. *Journal of Materials Chemistry B*, **2020**, 8, 484-491 | 7.3 | 12 |
| 32 | Reversible Supracolloidal Self-Assembly of Cobalt Nanoparticles to Hollow Capsids and Their Superstructures. *Angewandte Chemie*, **2017**, 129, 6573-6577 | 3.6 | 11 |
| 31 | Hierarchical self-assembly from nanometric micelles to colloidal spherical superstructures. *Polymer*, **2017**, 126, 177-187 | 3.9 | 10 |
| 30 | Infinite coordination polymer networks: metallogelation of aminopyridine conjugates and in situ silver nanoparticle formation. *Soft Matter*, **2019**, 15, 442-451 | 3.6 | 9 |
| 29 | Atom transfer between precision nanoclusters and polydispersed nanoparticles: a facile route for monodisperse alloy nanoparticles and their superstructures. *Nanoscale*, **2020**, 12, 22116-22128 | 7.7 | 9 |
| 28 | DNA-Origami-Templated Growth of Multilamellar Lipid Assemblies. *Angewandte Chemie - International Edition*, **2021**, 60, 827-833 | 16.4 | 9 |
| 27 | Luminescent Gold Nanocluster-Methylcellulose Composite Optical Fibers with Low Attenuation Coefficient and High Photostability. *Small*, **2021**, 17, e2005205 | 11 | 8 |
| 26 | Structural studies of five novel bile acid-4-aminopyridine conjugates. *Steroids*, **2012**, 77, 1141-51 | 2.8 | 7 |
| 25 | Engineered protein cages for selective heparin encapsulation. *Journal of Materials Chemistry B*, **2021**, 9, 1272-1276 | 7.3 | 7 |
| 24 | Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. *Angewandte Chemie*, **2018**, 130, 6632-6636 | 3.6 | 6 |
| 23 | Coacervation of resilin fusion proteins containing terminal functionalities. *Colloids and Surfaces B: Biointerfaces*, **2018**, 171, 590-596 | 6 | 6 |
| 22 | Caffeine as a Gelator. *Gels*, **2016**, 2, | 4.2 | 6 |

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| 21 | Self-healing, luminescent metallogelation driven by synergistic metallophilic and fluorine-fluorine interactions. *Soft Matter*, **2020**, 16, 2795-2802 | 3.6 | 5 |
| 20 | Near-Infrared Chiral Plasmonic Microwires through Precision Assembly of Gold Nanorods on Soft Biotemplates. *Journal of Physical Chemistry C*, **2021**, 125, 3256-3267 | 3.8 | 5 |
| 19 | Rapid Self-Healing and Thixotropic Organogelation of Amphiphilic Oleanolic Acid-Spermine Conjugates. *Langmuir*, **2021**, 37, 2693-2706 | 4 | 5 |
| 18 | Bioinspired Functionally Graded Composite Assembled Using Cellulose Nanocrystals and Genetically Engineered Proteins with Controlled Biomineralization. *Advanced Materials*, **2021**, 33, e2102658 | 24 | 5 |
| 17 | Association of 2-acylaminopyridines and benzoic acids. Steric and electronic substituent effect studied by XRD, solution and solid-state NMR and calculations. *Journal of Molecular Structure*, **2013**, 1054-1055, 157-163 | 3.4 | 4 |
| 16 | Controllable coacervation of recombinantly produced spider silk protein using kosmotropic salts. *Journal of Colloid and Interface Science*, **2020**, 560, 149-160 | 9.3 | 4 |
| 15 | Janus-Type Dendrimers Based on Highly Branched Fluorinated Chains with Tunable Self-Assembly and 19F Nuclear Magnetic Resonance Properties. *Macromolecules*, | 5.5 | 4 |
| 14 | Lyotropic liquid crystals and linear supramolecular polymers of end-functionalized oligosaccharides. *Chemical Communications*, **2019**, 55, 11739-11742 | 5.8 | 2 |
| 13 | Facile synthesis of 5□cholane-sym-triazine conjugates starting from metformin and bile acid methyl esters: Liquid and solid state NMR characterization and single crystal structure of lithocholyl triazine. *Journal of Molecular Structure*, **2009**, 936, 270-276 | 3.4 | 2 |
| 12 | Titelbild: Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles (Angew. Chem. 51/2017). *Angewandte Chemie*, **2017**, 129, 16309-16309 | 3.6 | 1 |
| 11 | Efficient Encapsulation of Fluorinated Drugs in the Confined Space of Water-Dispersible Fluorous Supraparticles. *Angewandte Chemie*, **2017**, 129, 16404-16408 | 3.6 | 1 |
| 10 | Synthesis, aggregation behavior and cholesterol solubilization studies of 16-epi-pythocholic acid (3 alpha,12 alpha,16 beta-trihydroxy-5 beta-cholan-24-oic acid). *Steroids*, **2010**, 75, 506-12 | 2.8 | 1 |
| 9 | Compressive stress-mediated p38 activation required for ER□ phenotype in breast cancer. *Nature Communications*, **2021**, 12, 6967 | 17.4 | 1 |
| 8 | Experimental and Simulation Study of the Solvent Effects on the Intrinsic Properties of Spherical Lignin Nanoparticles. *Journal of Physical Chemistry B*, **2021**, 125, 12315-12328 | 3.4 | 1 |
| 7 | Chapter 6:Multinuclear and Solid State NMR of Gels. *New Developments in NMR*, **2020**, 200-227 | 0.9 | 1 |
| 6 | Cylindrical Zwitterionic Particles via Interpolyelectrolyte Complexation on Molecular Polymer Brushes. *Macromolecular Rapid Communications*, **2020**, 42, e2000401 | 4.8 | 1 |
| 5 | Hexagonal Microparticles from Hierarchical Self-Organization of Chiral Trigonal Pd3L6 Macrotetracycles. *Cell Reports Physical Science*, **2021**, 2, 100303 | 6.1 | 1 |
| 4 | Aging-Induced Structural Transition of Nanoscale Oleanolic Acid Amphiphiles and Selectivity against Gram-Positive Bacteria. *ACS Applied Nano Materials*, **2022**, 5, 3799-3810 | 5.6 | 1 |

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| 3 | DNA-Origami-Templated Growth of Multilamellar Lipid Assemblies. *Angewandte Chemie*, **2021**, 133, 840-846 | 3.4 | 0 |
| 2 | Shell-Isolated Assembly of Atomically Precise Nanoclusters on Gold Nanorods for Integrated Plasmonic-Luminescent Nanocomposites.. *Journal of Physical Chemistry B*, **2022**, 126, 1842-1851 | 3.4 | 0 |
| 1 | N-{4-[(3-Methyl-phen-yl)sulfamo-yl]phen-yl}benzamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2866 | | |