

Gobinda Das

List of Publications by Year in descending order

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38
papers

1,867
citations

430874

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docs citations

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times ranked

2393
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Chemical sensing in two dimensional porous covalent organic nanosheets. <i>Chemical Science</i> , 2015, 6, 3931-3939. | 7.4 | 504 |
| 2 | Viologen-Based Conjugated Covalent Organic Networks via Zincke Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 9558-9565. | 13.7 | 228 |
| 3 | Mechanosynthesis of imine, β^2 -ketoenamine, and hydrogen-bonded imine-linked covalent organic frameworks using liquid-assisted grinding. <i>Chemical Communications</i> , 2014, 50, 12615-12618. | 4.1 | 146 |
| 4 | Multifunctional redox-tuned viologen-based covalent organic polymers. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15361-15369. | 10.3 | 114 |
| 5 | Covalent Organic Framework Embedded with Magnetic Nanoparticles for MRI and Chemo-Thermotherapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 18782-18794. | 13.7 | 89 |
| 6 | Azobenzene-Equipped Covalent Organic Framework: Light-Operated Reservoir. <i>Journal of the American Chemical Society</i> , 2019, 141, 19078-19087. | 13.7 | 86 |
| 7 | Covalent organic nanosheets for bioimaging. <i>Chemical Science</i> , 2018, 9, 8382-8387. | 7.4 | 84 |
| 8 | Novel photoluminescent hemi-disc-like liquid crystalline Zn(II) complexes of [N2O2] donor 4-alkoxy substituted salicyldimine Schiff base with aromatic spacer. <i>Polyhedron</i> , 2010, 29, 3089-3096. | 2.2 | 66 |
| 9 | Remarkably efficient removal of toxic bromate from drinking water with a porphyrinâ€“viologen covalent organic framework. <i>Chemical Science</i> , 2020, 11, 845-850. | 7.4 | 63 |
| 10 | Fluorescence turn on amine detection in a cationic covalent organic framework. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 50 |
| 11 | Novel Green Light Emitting Nondiscoid Liquid Crystalline Zinc(II) Schiffâ€“Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1418-1424. | 2.0 | 46 |
| 12 | <i>In vivo</i> oral insulin delivery via covalent organic frameworks. <i>Chemical Science</i> , 2021, 12, 6037-6047. | 7.4 | 40 |
| 13 | A polyrotaxanated covalent organic network based on viologen and cucurbit[7]uril. <i>Communications Chemistry</i> , 2019, 2, . | 4.5 | 29 |
| 14 | Photoluminescent Hemidisc-Shaped Liquid Crystalline Nickel(II) Schiffâ€“Base Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5390-5396. | 2.0 | 24 |
| 15 | Lamellar columnar mesomorphism in a series of oxovanadium(IV) complexes derived from N, N'-di-(4-n-alkoxysalicylidene)diaminobenzene. <i>Inorganic Chemistry Communication</i> , 2011, 14, 606-612. | 3.9 | 23 |
| 16 | Novel photoluminescent lanthanidomesogens forming bilayer smectic phase derived from blue light emitting liquid crystalline, one ring O-donor Schiff-base ligands. <i>Polyhedron</i> , 2011, 30, 1040-1047. | 2.2 | 22 |
| 17 | Induction of photoluminescence and columnar mesomorphism in hemi-disc salphen type Schiff bases via nickel(II) coordination. <i>Polyhedron</i> , 2012, 33, 417-424. | 2.2 | 20 |
| 18 | Morphological Diversity in Nanoporous Covalent Organic Materials Derived from Viologen and Pyrene. <i>ChemNanoMat</i> , 2018, 4, 61-65. | 2.8 | 20 |

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|----|--|-----|-----------|
| 19 | Microwave-assisted synthesis of a viologen-based covalent organic polymer with redox-tunable polarity for dye adsorption. <i>RSC Advances</i> , 2017, 7, 3594-3598. | 3.6 | 18 |
| 20 | Tunable Emissive Lanthanidomesogen Derived from a Room-Temperature Liquid-Crystalline Schiff-Base Ligand. <i>Chemistry - A European Journal</i> , 2013, 19, 13151-13159. | 3.3 | 17 |
| 21 | Emissive zinc(II)-salphen™ core: building block for columnar liquid crystals. <i>Liquid Crystals</i> , 2012, 39, 1435-1442. | 2.2 | 16 |
| 22 | Novel non-discoid chiral copper(II)-salen type [N2O2] donor Schiff base complexes with a cyclohexane diamine spacer: synthesis, electrochemistry, columnar mesomorphism and DFT study. <i>Liquid Crystals</i> , 2011, 38, 441-449. | 2.2 | 15 |
| 23 | Plastic columnar mesomorphism in half-disc-shaped oxovanadium(IV) Schiff base complexes. <i>Liquid Crystals</i> , 2011, 38, 615-623. | 2.2 | 15 |
| 24 | Redox-Triggered Buoyancy and Size Modulation of a Dynamic Covalent Gel. <i>Chemistry of Materials</i> , 2019, 31, 4148-4155. | 6.7 | 15 |
| 25 | Photoluminescent columnar zinc(II) bimetallo-mesogen of tridentate [ONO]-donor Schiff base ligand. <i>Liquid Crystals</i> , 2013, 40, 942-950. | 2.2 | 12 |
| 26 | Novel photoluminescent mesogenic Schiff-base ligands bearing [N4O4] donors and their bimetallic Zn(II) complexes. <i>Materials Science and Engineering C</i> , 2012, 32, 735-741. | 7.3 | 11 |
| 27 | Influence of spacer group substituent on mesomorphism in copper complexes of salen™ type Schiff bases bearing long alkoxy arm. <i>Liquid Crystals</i> , 2014, 41, 541-551. | 2.2 | 11 |
| 28 | Synthesis, characterisation and mesomorphic properties of a homologous series of oxovanadium(IV) complexes containing a bidentate [N,O] donor Schiff base mesogen. <i>Liquid Crystals</i> , 2011, 38, 717-727. | 2.2 | 9 |
| 29 | Liquid crystalline dinuclear copper(II) complexes accessed from photoluminescent tridentate [ONO]-donor Schiff base ligands. <i>Liquid Crystals</i> , 2012, 39, 639-646. | 2.2 | 9 |
| 30 | Photoluminescent tetrahedral d 10 -metal Schiff base complexes exhibiting highly ordered mesomorphism. <i>Polyhedron</i> , 2016, 105, 150-158. | 2.2 | 9 |
| 31 | Hydrophobicity Tuning in Isostructural Urchin-Shaped Covalent Organic Framework Nanoparticles by Pore Surface Engineering for Oil-Water Separation. <i>ACS Applied Nano Materials</i> , 2022, 5, 13745-13751. | 5.0 | 9 |
| 32 | Liquid-crystalline oxovanadium(IV) complexes accessed from bidentate [N, O] donor salicylaldimine Schiff-base ligands. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3273-3289. | 2.2 | 8 |
| 33 | Green emissive salicylaldimine-based polar Schiff bases with short alkoxy tails and their copper(II)/oxovanadium(IV) complexes: synthesis and mesomorphism. <i>Liquid Crystals</i> , 2012, 39, 373-385. | 2.2 | 8 |
| 34 | Oxovanadium (IV) complexes of bidentate [N,O] donor Schiff-base ligands: synthesis and mesomorphism. <i>Phase Transitions</i> , 2012, 85, 956-972. | 1.3 | 8 |
| 35 | Multifunctional Lanthanide Complexes: Mesomorphism, Photoluminescence and Second Order NLO Property. <i>ChemistrySelect</i> , 2018, 3, 8245-8251. | 1.5 | 8 |
| 36 | Vanadyl(IV) complexes of 4-alkoxy substituted [N,O] donor salicylaldimine Schiff bases derived from chloro-/nitro-aniline: synthesis, mesomorphism, and DFT study. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2746-2760. | 2.2 | 7 |

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|----|--|-----|-----------|
| 37 | Induced columnar mesomorphism in non-discoid VO ₂ +salphen complexes: Transition between two rectangular columnar phases. <i>Liquid Crystals</i> , 2012, 39, 819-826. | 2.2 | 6 |
| 38 | Rod shaped oxovanadium(IV) Schiff base complexes: Synthesis, mesomorphism and influence of flexible alkoxy chain lengths. <i>Journal of Molecular Structure</i> , 2014, 1067, 177-183. | 3.6 | 1 |