Michael J Bojdys

List of Publications by Year
in descending order

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48 papers	5,576 citations	236925 25 h-index	233421 45 g-index
68 all docs	68 docs citations	68 times ranked	6613 citing authors

#	Article	IF	Citations
1	Ionothermal Synthesis of Crystalline, Condensed, Graphitic Carbon Nitride. Chemistry - A European Journal, 2008, 14, 8177-8182.	3.3	1,040
2	Functional carbon nitride materials â€" design strategies for electrochemical devices. Nature Reviews Materials, 2017, 2, .	48.7	768
3	Porous, Fluorescent, Covalent Triazineâ€Based Frameworks Via Roomâ€Temperature and Microwaveâ€Assisted Synthesis. Advanced Materials, 2012, 24, 2357-2361.	21.0	636
4	Triazineâ€Based Graphitic Carbon Nitride: a Twoâ€Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, 7450-7455.	13.8	523
5	Rational Extension of the Family of Layered, Covalent, Triazineâ€Based Frameworks with Regular Porosity. Advanced Materials, 2010, 22, 2202-2205.	21.0	465
6	Covalent Triazine Frameworks Prepared from 1,3,5-Tricyanobenzene. Chemistry of Materials, 2013, 25, 1542-1548.	6.7	363
7	Supramolecular Engineering of Intrinsic and Extrinsic Porosity in Covalent Organic Cages. Journal of the American Chemical Society, 2011, 133, 16566-16571.	13.7	146
8	Electrochemical and Solid-State Lithiation of Graphitic C₃N₄. Chemistry of Materials, 2013, 25, 503-508.	6.7	141
9	Anionic silicate organic frameworks constructed from hexacoordinate silicon centres. Nature Chemistry, 2017, 9, 977-982.	13.6	133
10	Exploring the â€œGoldilocks Zoneâ€•of Semiconducting Polymer Photocatalysts by Donorâ€“Acceptor Interactions. Angewandte Chemie - International Edition, 2018, 57, 14188-14192.	13.8	118
11	Real-time optical and electronic sensing with a Î²-amino enone linked, triazine-containing 2D covalent organic framework. Nature Communications, 2019, 10, 3228.	12.8	117
12	Tuning of gallery heights in a crystalline 2D carbon nitride network. Journal of Materials Chemistry A, 2013, 1, 1102-1107.	10.3	98
13	Exfoliation of Crystalline 2D Carbon Nitride: Thin Sheets, Scrolls and Bundles via Mechanical and Chemical Routes. Macromolecular Rapid Communications, 2013, 34, 850-854.	3.9	74
14	Geomimetics for green polymer synthesis: highly ordered polyimides via hydrothermal techniques. Polymer Chemistry, 2014, 5, 3771-3776.	3.9	74
15	Ionothermal Route to Layered Two-Dimensional Polymer-Frameworks Based on Heptazine Linkers. Macromolecules, 2010, 43, 6639-6645.	4.8	61
16	Directional Charge Transport in Layered Twoâ€Dimensional Triazineâ€Based Graphitic Carbon Nitride. Angewandte Chemie - International Edition, 2019, 58, 9394-9398.	13.8	60
17	Twinned Growth of Metalâ€Free, Triazineâ€Based Photocatalyst Films as Mixedâ€Dimensional (2D/3D) van der Waals Heterostructures. Advanced Materials, 2017, 29, 1703399.	21.0	59
18	Carbon nitride frameworks and dense crystalline polymorphs. Physical Review B, 2016, 94, .	3.2	51

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19	Multifunctional Visibleâ€Light Powered Micromotors Based on Semiconducting Sulfurâ€•and Nitrogenâ€Containing Donorâ€“Acceptor Polymer. Advanced Functional Materials, 2020, 30, 2002701.	14.9	42
20	Tuning the Porosity and Photocatalytic Performance of Triazineâ€Based Graphdiyne Polymers through Polymorphism. ChemSusChem, 2019, 12, 194-199.	6.8	39
21	Fluorescent Sulphurâ€•and Nitrogenâ€Containing Porous Polymers with Tuneable Donorâ€“Acceptor Domains for Lightâ€Driven Hydrogen Evolution. Chemistry - A European Journal, 2018, 24, 11916-11921.	3.3	38
22	Tailored Band Gaps in Sulfurâ€•and Nitrogenâ€Containing Porous Donorâ€“Acceptor Polymers. Chemistry - A European Journal, 2017, 23, 13023-13027.	3.3	35
23	Sulfur- and Nitrogen-Containing Porous Donorâ€“Acceptor Polymers as Real-Time Optical and Chemical Sensors. Macromolecules, 2019, 52, 7696-7703.	4.8	32
24	Optimized Synthesis of Solutionâ€Processable Crystalline Poly(Triazine Imide) with Minimized Defects for OLED Application. Angewandte Chemie - International Edition, 2022, 61, e202111749.	13.8	29
25	Design Strategies in Hydrothermal Polymerization of Polyimides. Macromolecular Chemistry and Physics, 2016, 217, 485-500.	2.2	25
26	Development of metal-free layered semiconductors for 2D organic field-effect transistors. Chemical Society Reviews, 2021, 50, 11559-11576.	38.1	25
27	A Ï€â€Conjugated, Covalent Phosphinine Framework. Chemistry - A European Journal, 2019, 25, 12342-12348.	3.3	24
28	Exploring the â€œGoldilocks Zoneâ€•of Semiconducting Polymer Photocatalysts by Donorâ€“Acceptor Interactions. Angewandte Chemie, 2018, 130, 14384-14388.	2.0	22
29	Carbon nitride vs. graphene â€“ now in 2D!. Materials Today, 2014, 17, 468-469.	14.2	21
30	A diverse view of science to catalyse change. Nature Chemistry, 2020, 12, 773-776.	13.6	18
31	Size Effects of the Anions in the Ionothermal Synthesis of Carbon Nitride Materials. Chemistry - A European Journal, 2022, 28, .	3.3	18
32	Dicyano- and tetracyanopentacene: foundation of an intriguing new class of easy-to-synthesize organic semiconductors. Journal of Materials Chemistry C, 2017, 5, 2603-2610.	5.5	17
33	Porous organic cage crystals: characterising the porous crystal surface. Chemical Communications, 2012, 48, 11948.	4.1	16
34	2D or not 2Dâ€Layered Functional (C, N) Materials â€œBeyond Silicon and Grapheneâ€• Macromolecular Chemistry and Physics, 2016, 217, 232-241.	2.2	15
35	Directional Charge Transport in Layered Twoâ€Dimensional Triazineâ€Based Graphitic Carbon Nitride. Angewandte Chemie, 2019, 131, 9494-9498.	2.0	15
36	Bulk and Adsorbed Monolayer Phase Behavior of Binary Mixtures of Undecanoic Acid and Undecylamine: Catanionic Monolayers. Langmuir, 2011, 27, 3626-3637.	3.5	14

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37	Organic photoelectrode engineering: accelerating photocurrent generation via donorâ€“acceptor interactions and surface-assisted synthetic approach. Journal of Materials Chemistry A, 2021, 9, 7162-7171.	10.3	13
38	A Diverse View of Science to Catalyse Change. Journal of the American Chemical Society, 2020, 142, 14393-14396.	13.7	12
39	Direct growth of crystalline triazine-based graphdiyne using surface-assisted deprotectionâ€“polymerisation. Chemical Science, 2021, 12, 12661-12666.	7.4	9
40	A Diverse View of Science to Catalyse Change. Angewandte Chemie - International Edition, 2020, 59, 18306-18310.	13.8	7
41	Optimized synthesis of solutionâ€processable crystalline poly(triazine imide) with minimized defects for OLED application. Angewandte Chemie, 0, , .	2.0	6
42	A diverse view of science to catalyse change. Chemical Science, 2020, 11, 9043-9047.	7.4	4
43	A Diverse View of Science to Catalyse Change. Angewandte Chemie, 2020, 132, 18462-18466.	2.0	2
44	A diverse view of science to catalyse change. Croatica Chemica Acta, 2020, 93, 77-81.	0.4	2
45	Frontispiece: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. Angewandte Chemie - International Edition, 2014, 53, n/a-n/a.	13.8	0
46	Frontispiz: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. Angewandte Chemie, 2014, 126, n/a-n/a.	2.0	0
47	Innentitelbild: Optimierte Synthese von in LÃ¶sung verarbeitbarem kristallinem Poly(triazinimid) mit minimalen Defekten fÃ¼r OLEDâ€Anwendungen (Angew. Chem. 3/2022). Angewandte Chemie, 2022, 134, .	2.0	0
48	Oneâ€pot synthesis of highâ€capacity silicon anodes via onâ€copper growth of a semiconducting, porous polymer. Natural Sciences, 2022, 2, .	2.1	0