

# Michael J Bojdys

## List of Publications by Year in descending order

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48  
papers

5,576  
citations

236925

25  
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233421

45  
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68  
all docs

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docs citations

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times ranked

6613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized Synthesis of Solution-Processable Crystalline Poly(Triazine Imide) with Minimized Defects for OLED Application. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202111749.	13.8	29
2	Innentitelbild: Optimierte Synthese von in Lösung verarbeitbarem kristallinem Poly(triazinimid) mit minimalen Defekten für OLED-Anwendungen ( <i>Angew. Chem.</i> 3/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
3	Size Effects of the Anions in the Ionothermal Synthesis of Carbon Nitride Materials. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	18
4	One-pot synthesis of high-capacity silicon anodes via on-copper growth of a semiconducting, porous polymer. <i>Natural Sciences</i> , 2022, 2, .	2.1	0
5	Direct growth of crystalline triazine-based graphdiyne using surface-assisted deprotection-polymerisation. <i>Chemical Science</i> , 2021, 12, 12661-12666.	7.4	9
6	Organic photoelectrode engineering: accelerating photocurrent generation via donor-acceptor interactions and surface-assisted synthetic approach. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7162-7171.	10.3	13
7	Development of metal-free layered semiconductors for 2D organic field-effect transistors. <i>Chemical Society Reviews</i> , 2021, 50, 11559-11576.	38.1	25
8	Multifunctional Visible-Light Powered Micromotors Based on Semiconducting Sulfur- and Nitrogen-Containing Donor-Acceptor Polymer. <i>Advanced Functional Materials</i> , 2020, 30, 2002701.	14.9	42
9	A Diverse View of Science to Catalyse Change. <i>Journal of the American Chemical Society</i> , 2020, 142, 14393-14396.	13.7	12
10	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , 2020, 12, 773-776.	13.6	18
11	A diverse view of science to catalyse change. <i>Chemical Science</i> , 2020, 11, 9043-9047.	7.4	4
12	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , 2020, 132, 18462-18466.	2.0	2
13	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18306-18310.	13.8	7
14	A diverse view of science to catalyse change. <i>Croatica Chemica Acta</i> , 2020, 93, 77-81.	0.4	2
15	A -Conjugated, Covalent Phosphinine Framework. <i>Chemistry - A European Journal</i> , 2019, 25, 12342-12348.	3.3	24
16	Real-time optical and electronic sensing with a $\beta$ -amino enone linked, triazine-containing 2D covalent organic framework. <i>Nature Communications</i> , 2019, 10, 3228.	12.8	117
17	Sulfur- and Nitrogen-Containing Porous Donor-Acceptor Polymers as Real-Time Optical and Chemical Sensors. <i>Macromolecules</i> , 2019, 52, 7696-7703.	4.8	32
18	Directional Charge Transport in Layered Two-Dimensional Triazine-Based Graphitic Carbon Nitride. <i>Angewandte Chemie</i> , 2019, 131, 9494-9498.	2.0	15

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19	Directional Charge Transport in Layered Two-Dimensional Triazine-Based Graphitic Carbon Nitride. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9394-9398.	13.8	60
20	Tuning the Porosity and Photocatalytic Performance of Triazine-Based Graphdiyne Polymers through Polymorphism. <i>ChemSusChem</i> , 2019, 12, 194-199.	6.8	39
21	Exploring the "Goldilocks Zone" of Semiconducting Polymer Photocatalysts by Donor-Acceptor Interactions. <i>Angewandte Chemie</i> , 2018, 130, 14384-14388.	2.0	22
22	Exploring the "Goldilocks Zone" of Semiconducting Polymer Photocatalysts by Donor-Acceptor Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14188-14192.	13.8	118
23	Fluorescent Sulphur- and Nitrogen-Containing Porous Polymers with Tuneable Donor-Acceptor Domains for Light-Driven Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2018, 24, 11916-11921.	3.3	38
24	Dicyano- and tetracyanopentacene: foundation of an intriguing new class of easy-to-synthesize organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2603-2610.	5.5	17
25	Anionic silicate organic frameworks constructed from hexacoordinate silicon centres. <i>Nature Chemistry</i> , 2017, 9, 977-982.	13.6	133
26	Functional carbon nitride materials - design strategies for electrochemical devices. <i>Nature Reviews Materials</i> , 2017, 2, .	48.7	768
27	Twinned Growth of Metal-Free, Triazine-Based Photocatalyst Films as Mixed-Dimensional (2D/3D) van der Waals Heterostructures. <i>Advanced Materials</i> , 2017, 29, 1703399.	21.0	59
28	Tailored Band Gaps in Sulfur- and Nitrogen-Containing Porous Donor-Acceptor Polymers. <i>Chemistry - A European Journal</i> , 2017, 23, 13023-13027.	3.3	35
29	Design Strategies in Hydrothermal Polymerization of Polyimides. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 485-500.	2.2	25
30	Carbon nitride frameworks and dense crystalline polymorphs. <i>Physical Review B</i> , 2016, 94, .	3.2	51
31	2D or not 2D-Layered Functional (C, N) Materials - Beyond Silicon and Graphene. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 232-241.	2.2	15
32	Carbon nitride vs. graphene - now in 2D!. <i>Materials Today</i> , 2014, 17, 468-469.	14.2	21
33	Frontispiece: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	13.8	0
34	Frontispiz: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie</i> , 2014, 126, n/a-n/a.	2.0	0
35	Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7450-7455.	13.8	523
36	Geomimetics for green polymer synthesis: highly ordered polyimides via hydrothermal techniques. <i>Polymer Chemistry</i> , 2014, 5, 3771-3776.	3.9	74

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37	Tuning of gallery heights in a crystalline 2D carbon nitride network. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1102-1107.	10.3	98
38	Covalent Triazine Frameworks Prepared from 1,3,5-Tricyanobenzene. <i>Chemistry of Materials</i> , 2013, 25, 1542-1548.	6.7	363
39	Electrochemical and Solid-State Lithiation of Graphitic C <sub>3</sub> N <sub>4</sub> . <i>Chemistry of Materials</i> , 2013, 25, 503-508.	6.7	141
40	Exfoliation of Crystalline 2D Carbon Nitride: Thin Sheets, Scrolls and Bundles via Mechanical and Chemical Routes. <i>Macromolecular Rapid Communications</i> , 2013, 34, 850-854.	3.9	74
41	Porous organic cage crystals: characterising the porous crystal surface. <i>Chemical Communications</i> , 2012, 48, 11948.	4.1	16
42	Porous, Fluorescent, Covalent Triazine-Based Frameworks Via Room-Temperature and Microwave-Assisted Synthesis. <i>Advanced Materials</i> , 2012, 24, 2357-2361.	21.0	636
43	Bulk and Adsorbed Monolayer Phase Behavior of Binary Mixtures of Undecanoic Acid and Undecylamine: Catanionic Monolayers. <i>Langmuir</i> , 2011, 27, 3626-3637.	3.5	14
44	Supramolecular Engineering of Intrinsic and Extrinsic Porosity in Covalent Organic Cages. <i>Journal of the American Chemical Society</i> , 2011, 133, 16566-16571.	13.7	146
45	Rational Extension of the Family of Layered, Covalent, Triazine-Based Frameworks with Regular Porosity. <i>Advanced Materials</i> , 2010, 22, 2202-2205.	21.0	465
46	Isothermal Route to Layered Two-Dimensional Polymer-Frameworks Based on Heptazine Linkers. <i>Macromolecules</i> , 2010, 43, 6639-6645.	4.8	61
47	Isothermal Synthesis of Crystalline, Condensed, Graphitic Carbon Nitride. <i>Chemistry - A European Journal</i> , 2008, 14, 8177-8182.	3.3	1,040
48	Optimized synthesis of solution-processable crystalline poly(triazine imide) with minimized defects for OLED application. <i>Angewandte Chemie</i> , 0, , .	2.0	6