

# Bassam Alameddine

## List of Publications by Year in descending order

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38  
papers

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citations

623574

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642610

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times ranked

487  
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#	ARTICLE	IF	CITATIONS
1	Creating Optimal Pockets in a Clathrochelate-Based Metal-Organic Framework for Gas Adsorption and Separation: Experimental and Computational Studies. <i>Journal of the American Chemical Society</i> , 2022, 144, 3737-3745.	6.6	85
2	Mesomorphic Hexabenzocoronenes Bearing Perfluorinated Chains. <i>Chemistry of Materials</i> , 2005, 17, 4798-4807.	3.2	50
3	Synthesis of conjugated polymers via cyclopentannulation reaction: promising materials for iodine adsorption. <i>Polymer Chemistry</i> , 2020, 11, 3066-3074.	1.9	33
4	Large heterometallic coordination cages with gyrobifastigium-like geometry. <i>Chemical Communications</i> , 2016, 52, 11243-11246.	2.2	32
5	Conjugated microporous polymers using a copper-catalyzed [4 + 2] cyclobenzannulation reaction: promising materials for iodine and dye adsorption. <i>Polymer Chemistry</i> , 2021, 12, 2282-2292.	1.9	29
6	Jet-printed electrodes and semiconducting oligomers for elaboration of organic thin-film transistors. <i>Organic Electronics</i> , 2006, 7, 423-427.	1.4	25
7	Influence of linear and branched perfluoroalkylated side chains on the $\pi$ - $\pi$ stacking behaviour of hexa-peri-hexabenzocoronene and thermotropic properties. <i>Supramolecular Chemistry</i> , 2014, 26, 125-137.	1.5	25
8	Fluorinated Iron(II) clathrochelate units in metalorganic based copolymers: improved porosity, iodine uptake, and dye adsorption properties. <i>RSC Advances</i> , 2021, 11, 14986-14995.	1.7	23
9	Synthesis and characterization of metalorganic polymers of intrinsic microporosity based on iron(II) clathrochelate. <i>Polymer</i> , 2017, 122, 200-207.	1.8	22
10	Sizable iodine uptake of porous copolymer networks bearing Tröger's base units. <i>Polymer</i> , 2021, 229, 123996.	1.8	18
11	Highly soluble metal-organic polymers based on iron(II) clathrochelates and their gelation induced by sonication. <i>European Polymer Journal</i> , 2017, 95, 566-574.	2.6	18
12	Copolymer networks with contorted units and highly polar groups for ultra-fast selective cationic dye adsorption and iodine uptake. <i>Polymer</i> , 2022, 239, 124467.	1.8	18
13	$\pi$ -Stacking Behavior of Selected Nitrogen-Containing PAHs. <i>Journal of Physical Chemistry A</i> , 2004, 108, 9155-9160.	1.1	17
14	Triptycene-containing Poly(vinylene sulfone) derivatives from a metal-free thiol-yne click polymerization followed by a mild oxidation reaction. <i>Polymer</i> , 2018, 154, 233-240.	1.8	17
15	Influence of size and nature of the aryl diborate spacer on the intrinsic microporosity of Iron(II) clathrochelate polymers. <i>Polymer</i> , 2018, 151, 164-170.	1.8	16
16	Synthesis of triptycene-derived covalent organic polymer networks and their subsequent in-situ functionalization with 1,2-dicarbonyl substituents. <i>Reactive and Functional Polymers</i> , 2019, 139, 153-161.	2.0	14
17	Tuning the optical properties of ethynylene triptycene-based copolymers via oxidation of their alkyne groups into $\alpha,\beta$ -diketones. <i>Journal of Polymer Science Part A</i> , 2018, 56, 931-937.	2.5	13
18	Polyphenylene networks containing triptycene units: Promising porous materials for CO <sub>2</sub> , CH <sub>4</sub> , and H <sub>2</sub> adsorption. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110256.	2.2	13

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19	Theoretical Study of the Stacking Behavior of Selected Polycondensed Aromatic Hydrocarbons with Various Symmetries. <i>Journal of Physical Chemistry A</i> , 2013, 117, 616-625.	1.1	12
20	Microwave-Assisted [4+2] Diels-Alder Cycloaddition of 1,4-Diethynyl Triptycene with Various Cyclopentadienone Derivatives: Promising Building Blocks for Polymer Networks. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 378-382.	1.3	12
21	Controlling the lateral aggregation of perfluoroalkylated hexa-peri-hexabenzocoronenes. <i>Journal of Materials Chemistry</i> , 2007, 17, 1262-1267.	6.7	11
22	Synthesis of secondary arylamine copolymers with Iron(II) clathrochelate units and their functionalization into tertiary Polyarylamines via Buchwald-Hartwig cross-coupling reaction. <i>Polymer</i> , 2019, 178, 121606.	1.8	11
23	Selective removal of toxic organic dyes using Tröger base-containing sulfone copolymers made from a metal-free thiol-yne click reaction followed by oxidation. <i>RSC Advances</i> , 2021, 11, 21170-21178.	1.7	11
24	Self-aggregated perfluoroalkylated hexa-peri-hexabenzocoronene fibers observed by cryo-SEM and fluorescence spectroscopy. <i>Chemical Communications</i> , 2006, , 4221-4223.	2.2	9
25	Tribenzopentaphene derivatives with lateral aromatic groups: the effect of the nature and position of substituents on emission properties. <i>New Journal of Chemistry</i> , 2016, 40, 10363-10370.	1.4	9
26	Synthesis of Alkyl-Substituted Tribenzopentaphenes as Versatile Polycondensed Aromatic Hydrocarbon Stacking Building Blocks. <i>Synthesis</i> , 2012, 44, 1928-1934.	1.2	8
27	Regulation of Catenation in Metal-Organic Frameworks with Tunable Clathrochelate-Based Building Blocks. <i>Crystal Growth and Design</i> , 2021, 21, 6665-6670.	1.4	7
28	Synthesis of Arylamine Tribenzopentaphenes and Investigation of their Hole Mobility. <i>ChemistryOpen</i> , 2015, 4, 453-456.	0.9	6
29	Laterally stretched polycyclic aromatic hydrocarbons: synthesis of dibenzophenanthroheptaphene and tetrabenzotriphenylenopyranthrene derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 6025-6032.	1.4	6
30	Hexa-peri-hexabenzocoronenes Controlling their Self-Assembly by Engineering the Lateral Substituents. <i>Chimia</i> , 2008, 62, 967.	0.3	5
31	Star-shaped tetra- and octa-arylamine triptycene-based dendrimers: modular building blocks for blue emission materials. <i>Materials Today Chemistry</i> , 2019, 14, 100190.	1.7	5
32	Conjugated copolymers bearing 2,7-di(thiophen-2-yl)phenanthrene-9,10-dione units and alteration of their emission via functionalization of the ortho-dicarbonyl groups into quinoxaline and phenazine derivatives. <i>Polymer</i> , 2019, 178, 121589.	1.8	5
33	Synthesis, characterization, thermal, and optical properties of conjugated copolymers derived from phenanthrene-9,10-dione- and dibenzo[f,h]quinoxaline. <i>Materials Today Chemistry</i> , 2018, 10, 213-220.	1.7	4
34	Direct synthesis of polyaromatic chains of tribenzopentaphene copolymers through cyclodehydrogenation of their polytetraphenylbenzene precursors. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3565-3572.	2.5	3
35	Synthesis of Novel Fluorinated Hexa-peri-hexabenzocoronenes. <i>Synthesis</i> , 2006, 2006, 2891-2896.	1.2	2
36	Highly Selective and Sensitive Aggregation-Induced Emission of Fluorescein-Coated Metal Oxide Nanoparticles. <i>ChemistryOpen</i> , 2021, 10, 1067-1073.	0.9	2

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37	Conjugated copolymers bearing 2,7-dithienylphenanthrene-9,10-dialkoxy units: highly soluble and stable deep-blue emissive materials. <i>New Journal of Chemistry</i> , 2020, 44, 9557-9564.	1.4	2
38	Synthesis of Perfluoroalkylated Bulky Triarylamines. <i>Synthesis</i> , 2007, 2007, 271-276.	1.2	0