

# Nathan R Halcovitch

## List of Publications by Year in descending order

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53  
papers

679  
citations

759233

12  
h-index

580821

25  
g-index

53  
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53  
docs citations

53  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	A structural investigation of organic battery anode materials by NMR crystallography. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 489-503.	1.9	3
2	Crystalline azobenzene composites as photochemical phase-change materials. <i>New Journal of Chemistry</i> , 2022, 46, 4057-4061.	2.8	9
3	Efficient solid-state photoswitching of methoxyazobenzene in a metal-organic framework for thermal energy storage. <i>Chemical Science</i> , 2022, 13, 3014-3019.	7.4	11
4	Unified Approach to Diverse Fused Fragments via Catalytic Dehydrative Cyclization. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
5	Selective <i>ortho</i> -C-H Activation in Arenes without Functional Groups. <i>Journal of the American Chemical Society</i> , 2022, 144, 11564-11568.	13.7	7
6	Selective, radical-free activation of benzylic C-H bonds in methylarenes. <i>Chemical Communications</i> , 2021, 57, 7894-7897.	4.1	3
7	Solid-state nuclear magnetic resonance study of polymorphism in tris(8-hydroxyquinolate)aluminium. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1024-1037.	1.9	2
8	Photochemical Oxidation of Pt(IV)Me <sub>3</sub> (1,2-diimine) Thiolates to Luminescent Pt(IV) Sulfonates. <i>Inorganic Chemistry</i> , 2021, 60, 7031-7043.	4.0	7
9	Effect of Transition Metal Substitution on the Flexibility and Thermal Properties of MOF-Based Solid-Solid Phase Change Materials. <i>Inorganic Chemistry</i> , 2021, 60, 12950-12960.	4.0	8
10	Silicon photosensitisation using molecular layers. <i>Faraday Discussions</i> , 2020, 222, 405-423.	3.2	5
11	Palladium-Catalyzed Synthesis of $\hat{\pm}$ -Carbonyl- $\hat{\pm}$ -(hetero)aryl Sulfoxonium Ylides: Scope and Insight into the Mechanism. <i>Journal of Organic Chemistry</i> , 2020, 85, 1126-1137.	3.2	17
12	Long-Term Solar Energy Storage under Ambient Conditions in a MOF-Based Solid-Solid Phase-Change Material. <i>Chemistry of Materials</i> , 2020, 32, 9925-9936.	6.7	33
13	Electroactive Silk Fibroin Films for Electrochemically Enhanced Delivery of Drugs. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000130.	3.6	14
14	Films Stoichiometry Effects on the Electronic Transport Properties of Solution-Processed Yttrium Doped Indium-Zinc Oxide Crystalline Semiconductors for Thin Film Transistor Applications. <i>Advanced Electronic Materials</i> , 2020, 6, 1900976.	5.1	1
15	1,2-Dihydropyridazines as Versatile Synthetic Intermediates. <i>Synlett</i> , 2020, 31, 459-462.	1.8	0
16	Crystal and molecular structures of a binuclear mixed ligand complex of silver(I) with thiocyanate and 1 <i>H</i> -1,2,4-triazole-5(4 <i>H</i> )-thione. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 42-47.	0.5	0
17	Crystal structure of bis[ $\frac{1}{4}$ -( <i>N,N</i> -diethylcarbomdithioato- $\hat{\rho}$ -S)-bis(triethylphosphine- $\hat{\rho}$ -P)]-disilver(I), C <sub>22</sub> H <sub>50</sub> Ag <sub>2</sub> N <sub>2</sub> P <sub>2</sub> S <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 1365-1368.	0.3	2
18	Crystal structure of bis[ $\frac{1}{4}$ -(pyrrolidine-1-carbodithioato- $\hat{\rho}$ -S)-bis(triethylphosphine- $\hat{\rho}$ -P)]-disilver(I), C <sub>22</sub> H <sub>46</sub> Ag <sub>2</sub> N <sub>2</sub> P <sub>2</sub> S <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2020, 235, 1369-1371.	0.3	2

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19	4- <i>l</i> -Photocyclization of 1,2-Dihydropyridazines: An Approach to Bicyclic 1,2-Diazetidines with Rich Synthetic Potential. <i>Organic Letters</i> , 2019, 21, 9232-9235.	4.6	12
20	An efficient preparation of 1,2-dihydropyridazines through a Diels-Alder/palladium-catalysed elimination sequence. <i>Tetrahedron Letters</i> , 2019, 60, 1498-1500.	1.4	3
21	A Tripodal Ruthenium(II) Polypyridyl Complex with pH Controlled Emissive Quenching. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 110-117.	2.0	8
22	Investigation of structure and dynamics in a photochromic molecular crystal by NMR crystallography. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 230-242.	1.9	2
23	<i>l</i> -Bis(pyridin-4-ylmethyl)oxalamide benzene monosolvate: crystal structure, Hirshfeld surface analysis and computational study. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1133-1139.	0.5	8
24	A new microwave-assisted, three-component reaction of 5-aminopyrazole-4-carboxylates: Selective synthesis of substituted 5-aza-9-deaza-adenines. <i>Tetrahedron</i> , 2018, 74, 1868-1879.	1.9	16
25	Self-assembly of singlet-emitting double-helical silver dimers: the curious coordination chemistry and fluorescence of bisquinolylpyridone. <i>Dalton Transactions</i> , 2018, 47, 3906-3912.	3.3	3
26	Crystal structure of bis( <i>l</i> -2-diethylthiocarbamato- <i>l</i> -3S, <i>S</i> )-bis(tricyclohexylphosphane- <i>l</i> -P)dicopper(I), C <sub>46</sub> H <sub>86</sub> Cu <sub>2</sub> N <sub>2</sub> P <sub>2</sub> S <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 507-509.	0.3	1
27	Crystal structure of bis( <i>l</i> -2-pyrrolidine-1-carbodithioato- <i>l</i> -3S, <i>S</i> ; <i>l</i> -3S: <i>S</i> )-bis(tricyclohexylphosphane-P)-di-copper(I), C <sub>46</sub> H <sub>82</sub> Cu <sub>2</sub> N <sub>2</sub> P <sub>2</sub> S <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 513-515.	0.3	2
28	Crystal structure of chlorido-methanol-( <i>l</i> -2-(oxy)-3-methoxybenzylidene)pyridine-4-carbohydrazonato- <i>l</i> -3Tj ETQq0 0 0 rgBT /Overlock C <sub>23</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>4</sub> Sn. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 519-521.	0.3	2
29	Dichlorido( <i>l</i> -6-p-cymene)[tris(2-cyanoethyl)phosphine]ruthenium(II). <i>MolBank</i> , 2018, 2018, M1025.	0.5	1
30	Crystal structure of bis( <i>l</i> -2-di- <i>l</i> -butylthiocarbamato- <i>l</i> -3Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 T C <sub>24</sub> H <sub>36</sub> N <sub>2</sub> O <sub>6</sub> Re <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 485-487.	0.3	3
31	Crystal structure of 7-(4-methylphenyl)imidazo[1,2-a][1,3,5]triazin-4-amine, C <sub>12</sub> H <sub>11</sub> N <sub>5</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 489-490.	0.3	0
32	Electrochemically Enhanced Drug Delivery Using Polypyrrole Films. <i>Materials</i> , 2018, 11, 1123.	2.9	58
33	Stepping down the dose of inhaled corticosteroids for adults with asthma. <i>The Cochrane Library</i> , 2017, 2, CD011802.	2.8	8
34	Selective Arene Cleavage by Direct Insertion of Iridium into the Aromatic Ring. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3266-3269.	13.8	26
35	<i>l</i> -Acetonitriletricarbonyl(dimethylcarbomodithioato- <i>l</i> -2 <i>l</i> )- <i>l</i> - <i>l</i> -rhenium(I): crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 213-218.	0.5	2
36	Personalised asthma action plans for adults with asthma. <i>The Cochrane Library</i> , 2017, 2017, CD011859.	2.8	28

