

Eric Bukovsky

List of Publications by Year in descending order

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28
papers

382
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758635

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31
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Controlled 3D Printing of Dual-Curing Urethane Elastomers. <i>Advanced Materials Technologies</i> , 2022, 7, 2100700.	3.0	3
2	Evaluating the bis-isoxazole core for energetic heterocyclic-based oligomers. <i>Polymer Chemistry</i> , 2020, 11, 6149-6156.	1.9	2
3	PAH/PAH(CF ₃) _n Donor/Acceptor Charge-Transfer Complexes in Solution and in Solid-State Co-Crystals. <i>Chemistry - A European Journal</i> , 2019, 25, 13547-13565.	1.7	7
4	Detonation synthesis of carbon nano-onions via liquid carbon condensation. <i>Nature Communications</i> , 2019, 10, 3819.	5.8	50
5	Steric and electronic effects of CF ₃ conformations in acene(CF ₃) derivatives. <i>Journal of Fluorine Chemistry</i> , 2019, 221, 1-7.	0.9	7
6	Versatile metal reactor for high-temperature and high-pressure trifluoromethylation of carbon-rich substrates. <i>Journal of Fluorine Chemistry</i> , 2018, 210, 56-64.	0.9	1
7	Structures of 1,1,2,3,3,3-hexafluoro-2-(2-methyl-2-nonyl)ferrocenium(1+) salts of CB ₁₁ H ₁₂ ⁺ , B ₁₂ F ₁₂ ⁺ , BF ₄ ⁻ , PF ₆ ⁻ , and ClO ₄ ⁻ . <i>Journal of Organometallic Chemistry</i> , 2018, 865, 128-137.	0.8	4
8	Deca-B-fluorination of diammonioboranes. Structures and NMR characterization of 1,2-, 1,7-, and 1,12-B ₁₂ H ₁₀ (NH ₃) ₂ and 1,2-, 1,7-, and 1,12-B ₁₂ F ₁₀ (NH ₃) ₂ . <i>Journal of Fluorine Chemistry</i> , 2018, 209, 33-42.	0.9	7
9	Manifestations of Weak H ⁺ ⋯F ⁻ Hydrogen Bonding in M(H ₂ O) ₂ (B ₁₂ F ₁₂) ₂ Salt Hydrates: Unusually Sharp Fourier Transform Infrared 1/2(OH) Bands and Latent Porosity (M = Mg, Ba, Co, Ni, Zn). <i>Inorganic Chemistry</i> , 2018, 57, 14983-15000.	1.9	11
10	Development and Characterization of 3D Printable Thermite Component Materials. <i>Advanced Materials Technologies</i> , 2018, 3, 1800120.	3.0	21
11	Structure of (SiEt ₃) ₂ (B ₁₂ F ₁₂). Another example of R ₃ Si F E bridge bonding (E=B, Al, Si). <i>Journal of Fluorine Chemistry</i> , 2018, 212, 107-111.	0.9	8
12	Experimental study of structure/behavior relationship for a metallized explosive. <i>AIP Conference Proceedings</i> , 2018, . . .	0.3	3
13	Comparison of the Coordination of B ₁₂ F ₁₂ ²⁺ , B ₁₂ F ₁₂ H ₂ ⁺ to Na ⁺ in the Solid State: Crystal Structures and Thermal Behavior of Na ₂ (B ₁₂ F ₁₂), Na ₂ (H ₂ O) ₄ (B ₁₂ F ₁₂), Na ₂ (B ₁₂ F ₁₂)Cl ₂ , and Na ₂ (H ₂ O) ₂ (B ₁₂ F ₁₂)Cl ₂ .	1.9	34
14	Latent Porosity in Alkali-Metal M ₂ B ₁₂ F ₁₂ Salts: Structures and Rapid Room-Temperature Hydration/Dehydration Cycles. <i>Inorganic Chemistry</i> , 2017, 56, 12023-12041.	1.9	13
15	Efficient direct fluorination of the B ₁₂ H ₁₁ (NH ₃) ⁻ anion in acetonitrile and comparison of the structures of Na(H ₂ O) ₄ (B ₁₂ F ₁₁ (NH ₃)), Na(H ₃ O)(H ₂ O) ₃ (B ₁₂ F ₁₂), and Na ₂ (H ₂ O) ₄ (B ₁₂ F ₁₂). <i>Journal of Fluorine Chemistry</i> , 2017, 203, 90-98.	0.9	12
16	Incremental Tuning Up of Fluorous Phenazine Acceptors. <i>Chemistry - A European Journal</i> , 2016, 22, 3930-3936.	1.7	12
17	Copper Causes Regiospecific Formation of C ₄ F ₈ -Containing Six-Membered Rings and their Defluorination/Aromatization to C ₄ F ₄ -Containing Rings in Triphenylene/1,4-C ₄ F ₈ l ₂ Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 874-877.	1.7	16
18	Structures and structure-related electronic properties of new C ₆₀ (CF ₃) ₁₀ isomers. <i>Journal of Fluorine Chemistry</i> , 2016, 185, 103-117.	0.9	7

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19	Structures of $M_2(SO_2)_6B_{12}F_{12}$ (M = Ag or K) and $Ag_2(H_2O)_4B_{12}F_{12}$: Comparison of the Coordination of SO_2 versus H_2O and of $B_{12}F_{12}^{2-}$ versus Other Weakly Coordinating Anions to Metal Ions in the Solid State. <i>Inorganic Chemistry</i> , 2016, 55, 12254-12262.	1.9	24
20	Frontispiece: Incremental Tuning Up of Fluorous Phenazine Acceptors. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
21	Core Perylene Diimide Designs via Direct Bay- and <i>ortho</i> -(Poly)trifluoromethylation: Synthesis, Isolation, X-ray Structures, Optical and Electronic Properties. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6641-6654.	1.2	26
22	A faux hawk fullerene with PCBM-like properties. <i>Chemical Science</i> , 2015, 6, 1801-1815.	3.7	8
23	Jahn-Teller Effect in the $B_{12}F_{12}$ Radical Anion and Energetic Preference of an Octahedral $B_6(BF_2)_6$ Cluster Structure over an Icosahedral Structure for the Elusive Neutral $B_{12}F_{12}$. <i>Inorganic Chemistry</i> , 2015, 54, 11563-11566.	1.9	21
24	Single-Step Gas-Phase Polyperfluoroalkylation of Naphthalene Leads to Thermodynamic Products. <i>Chemistry - A European Journal</i> , 2014, 20, 4373-4379.	1.7	20
25	Poly(trifluoromethyl)azulenes: structures and acceptor properties. <i>Chemical Communications</i> , 2014, 50, 6263-6266.	2.2	16
26	Solid-state solvation and anion packing patterns in X-ray structures of crystalline $K_2(solv)_nB_{12}F_{12}$ (solv= $H_2O(aq)$, CH_3OH , CH_3NO_2 , and CH_3CN). <i>Polyhedron</i> , 2013, 58, 197-205.	1.0	12
27	The Structure of $(H_3O)_2B_{12}F_{12} \cdot 6H_2O$ a CCP Lattice of $B_{12}F_{12}^{2-}$ Anions Intercalated with a Nonplanar Network of H_2O Connected O_6 Rings. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 208-212.	1.0	15
28	The development of bio-carbon adsorbents from Lodgepole Pine to remediate acid mine drainage in the Rocky Mountains. <i>Biomass and Bioenergy</i> , 2008, 32, 267-276.	2.9	16