

Diamonds are a Chemist's Best Friend: Diamondoid Che

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Conformation and reactivity of medium-sized ring compounds. <i>Pure and Applied Chemistry</i> , 1963, 6, 545-560.	0.9	38
3	Monoprotection of Diols as a Key Step for the Selective Synthesis of Unequally Disubstituted Diamondoids (Nanodiamonds). <i>Journal of Organic Chemistry</i> , 2008, 73, 7789-7792.	1.7	32
4	Near-Edge X-ray Absorption Fine Structure Spectroscopy of Diamondoid Thiol Monolayers on Gold. <i>Journal of the American Chemical Society</i> , 2008, 130, 10536-10544.	6.6	47
5	Selective Preparation of Diamondoid Fluorides [1]. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1041-1054.	2.1	29
6	Photoacetylation of Diamondoids: Selectivities and Mechanism. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5153-5161.	1.2	20
7	Synthesis, characterization, and property evaluations of copolymers of diamantyl methacrylate with methyl methacrylate. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2109-2115.	1.3	17
8	Carbon-based curiosities. <i>Nature Chemistry</i> , 2009, 1, 170-171.	6.6	2
9	Determining orientational structure of diamondoid thiols attached to silver using near-edge X-ray absorption fine structure spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 172, 69-77.	0.8	17
10	Polynuclear and polymeric metal complexes based upon 1,2,4-triazolyl functionalized adamantanes. <i>Inorganica Chimica Acta</i> , 2009, 362, 4439-4448.	1.2	28
11	Nanodiamond Particles: Properties and Perspectives for Bioapplications. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2009, 34, 18-74.	6.8	690
12	Functionalized fluorescent nanodiamonds for biomedical applications. <i>Nanomedicine</i> , 2009, 4, 47-55.	1.7	166
13	[123]Tetramantane: Parent of a New Family of β -Helicenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 11292-11293.	6.6	42
14	Oxygen-Doped Nanodiamonds: Synthesis and Functionalizations. <i>Organic Letters</i> , 2009, 11, 3068-3071.	2.4	50
15	Carbon, silicon, germanium, tin and lead. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2009, 105, 117.	0.8	1
16	Band gap tuning in nanodiamonds: first principle computational studies. <i>Molecular Physics</i> , 2009, 107, 823-830.	0.8	83
17	Recent Progress in Electrochemical Surface Science with Atomic and Molecular Levels. <i>Electrochemistry</i> , 2009, 77, 2-20.	0.6	64
18	Recent Progress in Electrochemical Surface Science with Atomic and Molecular Levels. <i>Electrochemistry</i> , 2009, 77, E1.	0.6	2
19	Optical Resolution of Single-Walled Carbon Nanotubes through Molecular Recognition with Chiral Diporphyrin Nanotweezers. <i>Chemistry Letters</i> , 2010, 39, 1022-1027.	0.7	30

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20	Methods of the functionalization of hydrocarbons with a diamond-like structure. <i>Petroleum Chemistry</i> , 2010, 50, 1-16.	0.4	11
21	Metal oxide-organic frameworks (MOOFs), a new series of coordination hybrids constructed from molybdenum(vi) oxide and bitopic 1,2,4-triazole linkers. <i>Dalton Transactions</i> , 2010, 39, 4223.	1.6	64
22	Detonation Nanodiamond Particles Processing, Modification and Bioapplications. , 2010, , 79-116.		13
23	Diamondoid Phosphines – Selective Phosphorylation of Nanodiamonds ^[1] . <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 609-615.	2.1	23
25	Synthesis of Higher Diamondoids and Implications for Their Formation in Petroleum. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9881-9885.	7.2	90
26	Cage molecules for self-assembly. <i>Materials Science and Engineering Reports</i> , 2010, 70, 188-208.	14.8	66
27	Negative-electron-affinity diamondoid monolayers as high-brilliance source for ultrashort electron pulses. <i>Chemical Physics Letters</i> , 2010, 495, 102-108.	1.2	54
28	Synthesis of the Higher-Order Diamondoid Hexamantane Using Low-Temperature Plasmas Generated in Supercritical Xenon. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 070213.	0.8	15
29	A Searchable Map of PubChem. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 1924-1934.	2.5	57
30	Experimental and theoretical study of the absorption properties of thiolated diamondoids. <i>Journal of Chemical Physics</i> , 2010, 132, 144305.	1.2	31
31	Preparation of Fluorescent Diamond Nanoparticles Stably Dispersed under a Physiological Environment through Multistep Organic Transformations. <i>Chemistry of Materials</i> , 2010, 22, 3462-3471.	3.2	81
32	A Chemical Bond Theory of Quantum Size Effects of Semiconductor Clusters. <i>Inorganic Chemistry</i> , 2010, 49, 10409-10414.	1.9	18
33	The influence of a single thiol group on the electronic and optical properties of the smallest diamondoid adamantane. <i>Journal of Chemical Physics</i> , 2010, 132, 024710.	1.2	38
34	Rearrangement of Tetrahydrotricyclopentadiene Using Acidic Ionic Liquid: Synthesis of Diamondoid Fuel. <i>Energy & Fuels</i> , 2011, 25, 1342-1347.	2.5	48
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39	Alkoxyphenyl-Substituted Symmetric Liquid Crystalline Diamantane Derivatives. Bulletin of the Chemical Society of Japan, 2011, 84, 269-282.	2.0	8
40	Nitrogen Control in Nanodiamond Produced by Detonation Shock-Wave-Assisted Synthesis. Journal of Physical Chemistry C, 2011, 115, 14014-14024.	1.5	86
41	A water soluble vitamin B12-Re(i) fluorescent conjugate for cell uptake screens: use in the confirmation of cubilin in the lung cancer line A549. Chemical Communications, 2011, 47, 9792.	2.2	39
42	π/π - and π/σ -Interactions Are Equally Important: Multilayered Graphanes. Journal of the American Chemical Society, 2011, 133, 20036-20039.	6.6	75
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68	Exploring Chemical Space for Drug Discovery Using the Chemical Universe Database. <i>ACS Chemical Neuroscience</i> , 2012, 3, 649-657.	1.7	228
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