

DuÅ;an P Malenov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Noncovalent bonding: Stacking interactions of chelate rings of transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2017, 345, 318-341.	18.8	81
2	Stacking interactions of aromatic ligands in transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213338.	18.8	26
3	Mutual influence of parallel, CH/O, OH/π and lone pair/π interactions in water/benzene/water system. <i>Computational and Theoretical Chemistry</i> , 2013, 1018, 59-65.	2.5	25
4	Stacking of Benzene with Metal Chelates: Calculated CCSD(T)/CBS Interaction Energies and Potential Energy Curves. <i>ChemPhysChem</i> , 2014, 15, 2458-2461.	2.1	24
5	Coordinating Benzenes Stack Stronger than Noncoordinating Benzenes, even at Large Horizontal Displacements. <i>Crystal Growth and Design</i> , 2016, 16, 4169-4172.	3.0	22
6	Stacking of Metal Chelates with Benzene: Can Dispersion-Corrected DFT Be Used to Calculate Organic-Inorganic Stacking?. <i>ChemPhysChem</i> , 2015, 16, 761-768.	2.1	14
7	Chelated metal ions modulate the strength and geometry of stacking interactions: energies and potential energy surfaces for chelate-chelate stacking. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14053-14060.	2.8	14
8	Strong stacking interactions of metal-chelate rings are caused by substantial electrostatic component. <i>Dalton Transactions</i> , 2019, 48, 6328-6332.	3.3	14
9	Unexpected Importance of Aromatic-Aliphatic and Aliphatic Side Chain-Backbone Interactions in the Stability of Amyloids. <i>Chemistry - A European Journal</i> , 2017, 23, 11046-11053.	3.3	12
10	Stacking of cyclopentadienyl organometallic sandwich and half-sandwich compounds. Strong interactions of sandwiches at large offsets. <i>CrystEngComm</i> , 2018, 20, 4506-4514.	2.6	11
11	Study of stacking interactions between two neutral tetrathiafulvalene molecules in Cambridge Structural Database crystal structures and by quantum chemical calculations. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1-7.	1.1	9
12	Influence of metal ion on chelate-aryl stacking interactions. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25629.	2.0	8
13	Influence of chelate ring type on chelate-chelate and chelate-aryl stacking: the case of nickel bis(dithiolene). <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1198-1206.	2.8	7
14	Stacking interactions between ruthenium p-cymene complexes: combined crystallographic and density functional study. <i>CrystEngComm</i> , 2019, 21, 7204-7210.	2.6	7
15	Stacking interactions of borazine: important stacking at large horizontal displacements and dihydrogen bonding governed by electrostatic potentials of borazine. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24554-24564.	2.8	5
16	Stacking Interactions between Indenyl Ligands of Transition Metal Complexes: Crystallographic and Density Functional Study. <i>Crystal Growth and Design</i> , 2020, 20, 4491-4502.	3.0	4
17	Stacking interactions of the methylated cyclopentadienyl ligands in the crystal structures of transition metal complexes. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 252-258.	1.1	4
18	Strong stacking interactions at large horizontal displacements of tropylium and cyclooctatetraenide ligands of transition metal complexes: crystallographic and DFT study. <i>CrystEngComm</i> , 2020, 22, 3831-3839.	2.6	3

#	ARTICLE	IF	CITATIONS
19	New type of aromatic π - π systems for anion recognition. Strong anion- π and C-H \cdots anion interactions between halides and aromatic ligands in half-sandwich compounds. Chemistry - A European Journal, 2021, , .	3.3	3
20	11. Large horizontal displacements of benzene- π benzene stacking interactions in co-crystals. , 2017, , 255-271.		2
21	Parallel interactions of aromatic and heteroaromatic molecules. Hemijska Industrija, 2016, 70, 649-659.	0.7	2
22	Strong Stacking between Organic and Organometallic Molecules as the Key for Material Design. , 2015, , 409-413.		0
23	Crystallographic, spectroscopic, thermal and computational studies of polymeric cobalt(II)-mellitate complex with 2,2'-bipyridine. Journal of Molecular Structure, 2022, 1252, 132202.	3.6	0