Сведения, характеризующие научную ценность научных трудов, выдвигаемых на соискание премии, присуждаемой Санкт-Петербургским государственным университетом за научные труды в 2019 году

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Название работы:

Компьютерное моделирование и теоретические исследования в органической, неорганической и металлоорганической химии: нековалентные взаимодействия, реакционная способность и катализ

Список опубликованных работ в 2015–2018 годах с указанием наукометрических показателей:

1. Popov R.A., Novikov A.S., Mikherdov A.S. “Synthesis of mixed-ligand nitrile and carbonyl–isocyanide complexes of platinum(II) and their reaction with p-toluenesulfonyl hydrazide” // *Russ. J. Gen. Chem.* 2018, V. 88. P. 2347. ИМПАКТ-ФАКТОР/КВАРТИЛЬ (JCR) = 0.643/Q4 SJR/SNIP = 0.217/0.435 КВАРТИЛЬ ПО SJR: Q3
2. Novikov A.S., Ivanov D.M., Bikbaeva Z.M., Bokach N.A., Kukushkin V.Yu. “Noncovalent interactions involving iodofluorobenzenes: the interplay of halogen bonding and weak lp(O)•••π-hole$_{arene}$ interactions” // *Cryst. Growth Des.* 2018, V. 18. P. 7641. ИМПАКТ-ФАКТОР/КВАРТИЛЬ (JCR) = 4.153/Q1 SJR/SNIP = 1.046/1.107 КВАРТИЛЬ ПО SJR: Q1
3. Adonin S.A., Gorokh I.D., Novikov A.S., Samsonenko D.G., Yushina I.V., Sokolov M.N., Fedin V.P. “Halobismuthates with halopyridinium cations: appearance or non-appearance of unusual colouring” // *CrystEngComm* 2018, V. 20. P. 7766. ИМПАКТ-ФАКТОР/КВАРТИЛЬ (JCR) = 3.382/Q1 SJR/SNIP = 0.937/0.837 КВАРТИЛЬ ПО SJR: Q1
4. Gorokh I.D., Adonin S.A., Abramov P.A., Novikov A.S., Sokolov M.N., Fedin V.P. “New structural type in polybromide-bromometalate hybrids: $(Me_3NH)_3\{[Bi_2Br_9](Br_2)\}$ – crystal structure and theoretical studies of non-covalent Br•••Br interactions” // *Inorg. Chem. Commun.* 2018, V. 98. P. 169. ИМПАКТ-ФАКТОР/КВАРТИЛЬ (JCR) = 1.795/Q3 SJR/SNIP = 0.365/0.446 КВАРТИЛЬ ПО SJR: Q3
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oxadiazoles" // *ACS Omega* 2017, V. 2. P. 1380. ИМПАКТ-ФАКТОР/КВАРТИЛЬ (JCR) = 2.584/Q2 SJR/SNIP = 0.754/0.673 КВАРТИЛЬ ПО SJR: Q1

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Суммарный ИМПАКТ-ФАКТОР (JCR) = 234.458